STREAM ASSESSMENT TO FILL DATA GAPS FOR NORTHWESTERN OKLAHOMA: PHASE II

OCC Task 104
FY 1998 §319(h) Task 400
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FINAL REPORT
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1.0 INTRODUCTION

1.1 HISTORY

1.1.1 Reference Conditions and Ecoregions

To facilitate assessment of water body health and develop and implement meaningful biocriteria, reference or "benchmark" conditions must be determined (Hughes, 1995). Ideally, suitable reference conditions should be politically reasonable, represent a population of waterbodies, reflect aspects of "natural" or minimally disturbed condition, and be useful across political boundaries. Although site-specific conditions may be most appropriate for certain water bodies (e.g., point source dominated systems), more general "population" or regional based conditions are often sufficiently adequate and constitute the most frugal use of monitoring funds. Many states have determined regional reference conditions for numerous abiotic and biotic parameters over a broad range of spatial scales (Hughes, 1995).

Across the country, many state organizations responsible for tracking the health of their waterbodies have used ecological regions as the spatial framework for monitoring designs, biocriteria development, water quality standards, and regional reference conditions (Rohm et al 1987; Bzata 1991; Larsen et al. 1986; Hughes et al 1987). Ecoregions have been defined as "regions of relative homogeneity in ecological systems or in relationships between organisms and their environments" (Omernik, 1987). By carefully studying patterns of land use, natural vegetation, physical geography, and soils, Omernik (1987) developed a map depicting the ecoregions of the United States. Of these, Omernik's Level Three ecoregions have been widely employed for environmental management and resource protection and have since been updated and subdelineated to Level Four in many states. Many states have found ecoregions useful as a stratification tool for streams in the development of regional reference conditions.

Ohio wanted to establish a framework to protect and restore water bodies for beneficial uses. By using the ecoregions delineated by Omernik, the Ohio EPA created regional biocriteria for the state (Gallant et al., 1989). A review of indices that track the health of fish and macroinvertebrate assemblages allowed the state to establish expected index values by region. Departure from these expected regional values was used to determine attainment or non-attainment for water bodies in Ohio (Gallant et al., 1989).

To determine how well Omernik's ecoregions separated the state's streams, Arkansas performed ordination analyses on fish assemblages, water chemistry, and physical habitat variables (Rohm et al., 1987). The results of this study allowed them to determine that the differences detected in the ecoregions truly addressed differences reflected in the environment and were similar for all three data types (Rohm et al., 1987). Prior to the ecoregion development, natural conditions for streams in certain locations precluded the achievement of national and state water quality standards; channelized streams had higher dissolved oxygen levels than swamp streams with slow flow (Hughes and Larsen, 1988). Omernik's ecoregions were used by Arkansas to establish regional criteria, which better characterized the differences in water quality

due to differing ecological processes across landscapes (Gallant et al., 1989).

Wisconsin compared Omernik's ecoregions with fish assemblages across the state and found that the ecoregion correspondence improved with increasing stream size (Lyons, 1989). This is because larger streams are better able to integrate variability found in an area than smaller streams; small streams are more influenced by local distinctions not detected at the larger ecoregion levels (Lyons, 1989). Lyons (1989) determined that the ecoregions as established by Omernik would be beneficial in managing resources over the entire state but not as helpful in dealing with specific water bodies.

Many states have found that the EPA ecoregions were not refined enough to meet their needs for establishing water quality standards, biological criteria, or reference streams. By subdividing ecoregions into subregions, variability within the ecoregion may better be classified (Gallant et al., 1989). The scale of a defined ecoregion is determined by the ultimate need of those defining the area. For viewing the status of an ecological aspect at a global level, the scale is much more coarse than it would be for a national level (Omernik, 1995). However, to establish reference streams and develop rational water quality standards and biocriteria, states may need a more detailed regional delineation than that developed by the EPA. Scale is also important in that more time and resources per unit area are required for regions of larger scale (Omernik, 1995).

Because all states do not have the same types of streams, parameters that are important in one state may not apply to another state. Wisconsin found that water temperature and stream gradient were the most important factors in determining fish assemblages but acknowledged that states lacking coldwater streams would not be able to predict local fish assemblages using Wisconsin's parameters (Lyons, 1989). Assuming that streams within an ecoregion indeed experience similar environmental and ecological conditions, key parameters determined for an ecoregion in one state should be useful for streams of the same ecoregion in the neighboring state(s).

1.1.2 Study Ecoregions

Omernik's Level Three map details eleven ecoregions across the state of Oklahoma. Four of these are included in this study. The Central Great Plains (CGP) ecoregion is typified by grasslands transitioning from a tallgrass to a shortgrass prairie community forming a mixed grass prairie across much of its area (Hoagland and Stoodley, 1998). Riparian areas and ravines of this region support woodlands consisting of cottonwoods, willows, hackberries, and elms (Hoagland and Stoodley, 1998). This ecoregion contains salt flats and springs and supports flora and fauna adapted to living in soils and waters with high salt concentrations (e.g., Red River pupfish). The Wichita Mountains with areas reflecting that found in eastern Oklahoma, gypsum hills containing large caves, redbud plains with high iron content, and western sand dunes conducive to forming wetlands represent the geographical diversity found in the Central Great Plains ecoregion (Hoagland and Stoodley, 1998).

The Southwestern Tablelands (SWT) represent an area consisting of mixed grasslands and shinnery oak scrub communities (Hoagland and Stoodley, 1998). Cottonwoods and

willows characterize riparian areas in this ecoregion; all major rivers excluding the Washita River are bordered by sand dunes (Hoagland and Stoodley, 1998). Included in this ecoregion is Black Mesa, which can be found in the northwestern portion of the panhandle. Shortgrass prairie forming dense sods interspersed with cacti covers this portion of the ecoregion (Hoagland and Stoodley, 1998). Mesa slopes are covered by shrub and juniper woodland communities (Hoagland and Stoodley, 1998).

The transition between eastern forests and western grasslands forms the Central Oklahoma/Texas Plains (COTP) ecoregion (Hoagland and Stoodley, 1998). Prairie areas cover the northern and southern locales of this ecoregion with dry upland forests consisting of short post oaks and blackjacks located in the central range (Hoagland and Stoodley, 1998). Grasslands cover the majority of this ecoregion, though some portions offer moist soils that support black hickories; other portions are drier, sporting shorter but fewer trees (Hoagland and Stoodley, 1998). Bottomland forests in this ecoregion are represented by fewer species than those found in the eastern portion of the state due to less rainfall (Hoagland and Stoodley, 1998). The Arbuckle Mountains are located in this ecoregion. This area contains flora and fauna similar to that found in eastern Oklahoma (Hoagland and Stoodley, 1998).

The fourth and final ecoregion included in this project is the Western High Plains (WHP). A shortgrass prairie community dominated by buffalograss and gramagrass species characterizes the landscape throughout this area. Due to relatively low annual rainfall, trees and woody shrubs are uncommon and closely associated with stream corridors. This ecoregion contains the unique playa lake wetland community, which plays a significant role in Central Flyway migrations. Narrow sand dune belts occur along two of its major rivers, the Cimarron and North Canadian (Hoagland and Stoodley, 1998).

1.2 PROJECT BACKGROUND

1.2.1 Overview

The Oklahoma Conservation Commission (OCC) is charged by state statute with the task of monitoring nonpoint source pollution (NPS) impacts to state waters. Because there are no numerical criteria for many of the common NPS pollutants, reference conditions must be established to allow assessment of their impacts. The OCC has begun this process over focused portions of the state through various projects, which include assessments in the Illinois River area, eastern Oklahoma border area, and the southern Oklahoma Muddy Boggy system. Each of these studies has resulted in a database of both positive and negative reference conditions for fish, benthic macroinvertebrates, water quality, and instream habitat for select areas. However, these studies have left data gaps over large portions of the state, particularly in the west.

Following changes in the national and regional NPS program guidance, the project *Stream Assessment to Fill Data Gaps for Eastern Oklahoma* was incorporated in the FY 96 work program. That project began a formal strategy to achieve a more complete monitoring coverage, which eventually resulted in receipt of funding for the tasks at hand. The “Stream Assessment to Fill Data Gaps” projects for southwestern (1997 Task

500) and northwestern (1998 Task 400) Oklahoma were executed in two phases. The Phase I component of each project provides a preliminary screening of a large number of stream sites in terms of habitat (abbreviated assessment) and water quality (dissolved oxygen, pH, temperature, turbidity, conductivity, and qualitative site characteristics). Phase II activities involves use of the preliminary assessment to select sites for more intensive monitoring to fill water quality, habitat, and biological data gaps and select candidate reference streams to be used for future assessments. This report focuses on and is a fulfillment of workplan directives for Phase II of the Northwest Oklahoma, Task 400 project. Because the data was collected concurrently for both the northwestern and southwestern projects, analysis has been conducted on the combined data sets to provide a more meaningful representation of western Oklahoma streams. This data will then be combined with data collected for the Eastern Oklahoma Data Gaps and other projects throughout the state and reanalyzed to gain more complete reference stream coverage for ecoregions in their entirety.

The results of Phase II of these projects serve several purposes: (1) bolster regional coverage of baseline data for selected biotic and abiotic variables, (2) develop a reference stream database of biological condition for the western half of the state, (3) provide a current assessment of use support status (principally Fish and Wildlife Propagation), and (4) provide a better foundation for data interpretation of future projects in the area. The information will also be included as “assessed” data in the state’s 319 Assessment Report and the Integrated Report and will be made available for use by other federal, state, local, and tribal agencies.

1.2.2 Phase I

A preliminary assessment of over 500 western Oklahoma stream sites (Figure 1) was conducted to facilitate selection of a list for intensive monitoring for the areas southwest of I35 and northwest of I35 as a whole. Although the preliminary sites were not divided up by task; the final, intensive sites were broken down into Task 500 (OCC Task 90) and Task 400 (OCC Task 104). All preliminary sites are located in the region west of I35 extending to all applicable state boundaries. A total of 39 counties comprising four ecoregions were covered during the survey. The ecoregions include the following: 1) Central Oklahoma/Texas Plains, 2) Central Great Plains, 3) Southwestern Tablelands, and 4) Western High Plains. Preliminary sites were chosen to facilitate robust coverage of the study area.

All preliminary stream sites were rated in terms of habitat and water quality parameters. Habitat evaluations comprised an abbreviated version of the OCC intensive habitat assessment (a modified RBP). Water quality assessment was limited to field parameters: dissolved oxygen, pH, temperature, turbidity and conductivity. Qualitative observations of stream health were also made including excessive periphyton growth, salts on the stream bank, oil sheens, scum or foam, unpleasant appearance, and odor. Human disturbance was factored into the assessments by determining the level of cultivation and urbanization within 15 stream miles of the site. Point sources were located and considered if present. Additionally, the abundance of livestock fecal material within bankfull elevation of the site was determined and considered.

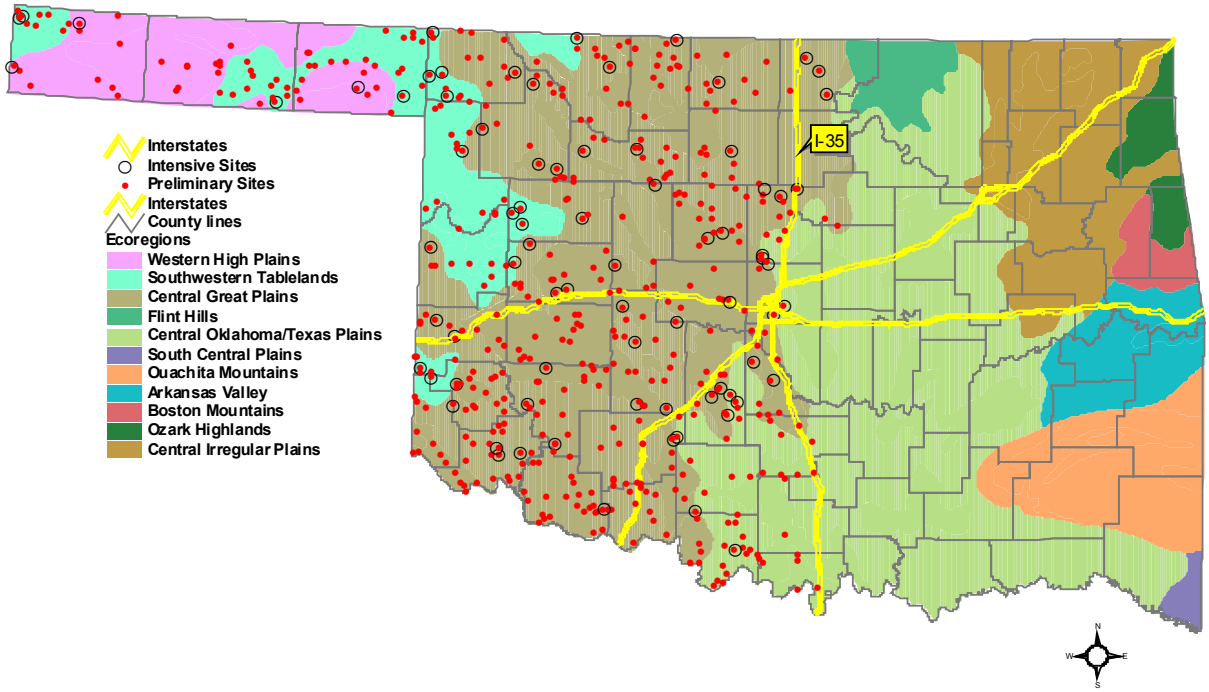

Figure 1. Preliminary and Intensive Monitoring Sites for West of I35 Project.

Each stream segment was surveyed for 400 meters upstream or downstream of the starting point (usually a road crossing). Observations were recorded every 50 meters for eleven different habitat/stream characteristics: instream cover, pool bottom substrate, pool variability, canopy cover, percent rocky runs and rocky riffles, flow at base elevation, channel alteration, channel sinuosity, bank stability, vegetative stability, and dominant streamside vegetation. Sinuosity was calculated from digital ortho quad maps using Geographic Information System technology (GIS). Points acquired from these eleven categories were included in a standardized scoring matrix and the total habitat score computed. Field water quality parameters were measured at one location according to OCC SOPs. The water quality score was obtained through points established in a manner similar to that of the habitat score and included the following categories: dissolved oxygen, turbidity, pH, livestock droppings, periphyton, land use, and point sources. Appendix A contains the field sheets and final scoring regime for both the water quality and habitat assessments.

1.2.2 Phase II

To begin Phase II of the projects, sites were selected based upon the specific habitat and water quality score results from the preliminary assessment. Selection was designed to cover a breadth of conditions, thus providing potential for determining the habitat-biota and water quality-biota relationships. Sites were chosen in proportion to ecoregion coverage of the study area and were selected to fulfill the following composition of stream conditions: (1) fifty percent good habitat and good water quality, (2) twenty-five percent good habitat and poor water quality, (3) and twenty-five percent bad habitat and good water quality (Table 1).

Table 1. Percent Ecoregion and Relative Number of Stream Sites Targeted for Intensive Monitoring.

Ecoregion	Percent Ecoregion Occurrence	Number Selected per Ecoregion (based on 80 total)	Good Water Quality/Good Habitat (50%)	Good Water Quality/Poor Habitat (25%)	Poor Water Quality/Good Habitat (25%)
Central Oklahoma/Texas Plains	9.8	8	4	2	2
Central Great Plains	64.5	52	26	13	13
Southwestern Tablelands	14.1	11	5	3	3
Western High Plains	11.6	9	5	2	2
TOTALS	*100.0*	*80*	*40*	*20*	*20*

A total of seventy-nine streams, 32 for Task 500 and 47 for Task 400, were selected for intensive monitoring (Table 2). This number is less than the total (90) originally intended for both projects due to issues of accessibility and site inviability for project duration. The number of streams for each ecoregion was based on the total eighty streams to be monitored. Scores for each individual assessment were grouped by ecoregion and sorted best to worst for habitat and water quality. Upper and lower quartiles were then calculated for each ecoregion, and the final list was selected to fulfill the following criteria: (1) fifty percent from the upper quartiles of habitat and water quality scores, (2) twenty-five percent from the upper quartile of habitat scores and lower quartile of water quality scores, and (3) twenty-five percent from the lower quartile of habitat scores and the upper quartile water quality scores. Sites were field reviewed and final selections refined based on geographic location, stream order, and accessibility.

2.0 MATERIALS AND METHODS

All sampling and analyses performed during this project were conducted under a Quality Assurance Project Plan (QAPP) approved by EPA Region VI and on file at the OCC Water Quality Division, the Oklahoma Secretary of the Environment (OSE), and EPA Region VI in Dallas. The reader is encouraged to obtain and consult the QAPP for specific questions concerning laboratory analytical methods, detection limits, and accuracy and precision limits. All sampling and measurement activities per OCC Water Quality staff followed procedures outlined in the appropriate OCC Standard Operating Procedure (OCC SOP 2001). Water quality chemical analyses were conducted by the Oklahoma Department of Environmental Quality (ODEQ) Laboratory through 15 Jun 01. Beginning 16 Jul 01, samples were submitted and analyzed by the Oklahoma Department of Agriculture (ODA) Laboratory.

2.1 WATER QUALITY MONITORING

Water sampling efforts for intensive sites began in May 2000 and continued on five-week intervals until April 2002 (20 potential events/site). This sampling frequency exceeds data requirements for beneficial use assessment and meets a sample number necessary to provide a 90% level of confidence for principal water quality data

Table 2. Intensive Site List for Tasks 90 (Project 500) and 104 (Project 400).

Task	Site Name	WBID	County	Lat.	Long.	E-region
500	Roaring Creek	OK310810-02-0170G	Grady	34.86168	-97.794	CGP
500	Bitter Creek	OK310820-01-0030G	Grady	35.01324	-97.84362	CGP
500	Little Washita River, Grady Co.	OK310820-02-0010B	Grady	34.9638	-97.89957	CGP
500	Little Washita River, Caddo Co.	OK310820-02-0010F	Caddo	34.88416667	-98.21986667	CGP
500	Washita River # 466	OK310830-03-0010G	Washita	35.34938333	-99.85788333	CGP
400	Washita River # 145	OK310830-03-0010P	Custer	35.52323	-99.02164	CGP
400	Beaver Creek	OK310830-03-0190G	Custer	35.5515	-98.94635	CGP
400	West Barnitz Creek	OK310830-03-0230G	Custer	35.79727	-99.21665	CGP
500	Willow Creek	OK310830-06-0030H	Caddo	35.2622	-98.45123333	CGP
400	Washita River # 384	OK310840-02-0010G	Roger Mills	35.75957	-99.92582	CGP
500	Whiskey Creek	OK311210-00-0140D	Comanche	34.71016667	-98.16845	CGP
500	Cottonwood Creek, Comanche Co.	OK311210-00-0150G	Comanche	34.72423333	-98.14073333	CGP
500	Tahoe Creek	OK311300-03-0070G	Caddo	34.90818333	-98.4283	CGP
500	Blue Beaver Creek	OK311310-02-0060G	Comanche	35.46438333	-98.55258333	CGP
500	Brush Creek	OK311310-03-0050G	Tillman	34.30137	-98.64433	CGP
500	Stinking Creek	OK311500-01-0050G	Jackson	34.60881667	-99.23335	CGP
500	Tepee Creek	OK311500-01-0110G	Kiowa	34.88506667	-99.199	CGP
500	West Otter Creek	OK311500-02-0040G	Kiowa	34.66706667	-98.99493333	CGP
500	Little Elk Creek	OK311500-03-0040G	Kiowa	35.10228333	-99.0746	CGP
500	Turkey Creek	OK311510-02-0060G	Beckham	35.25917	-99.7232	CGP
500	Salt Fork of the Red River	OK311600-02-0010G	Jackson	34.63758333	-99.40888333	CGP
500	Bitter Creek	OK311600-02-0110G	Jackson	34.59435	-99.38813333	CGP
500	Cave Creek	OK311600-02-0140G	Greer	34.8681	-99.71606667	CGP
500	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	34.98893	-99.69555	CGP
500	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	35.43537	-97.47437	CGP
400	Shell Creek	OK520530-00-0030G	Canadian	35.49982	-97.79534	CGP
500	Buggy Creek	OK520610-02-0120G	Caddo	35.3756	-98.1665	CGP
500	North Walnut Creek	OK520610-03-0010G	McClain	35.06011	-97.4769	CGP
500	North Fork Walnut Creek	OK520610-03-0080G	McClain	35.16423	-97.61451	CGP
400	Bear Creek	OK520620-01-0120G	Custer	35.68747	-98.60951	CGP
400	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	35.95669444	-98.84863889	CGP
400	West Beaver Creek	OK620900-03-0260G	Logan	36.10164	-97.44387	CGP
400	Stillwater Creek	OK620900-04-0270G	Payne	36.15411	-97.32848	CGP
400	Elm Creek	OK620910-02-0270G	Blaine	36.15926	-98.34516	CGP
400	Otter Creek	OK620910-03-0040G	Logan	36.14471	-97.55302	CGP
400	Skeleton Creek	OK620910-03-0240E	Garfield	36.36167	-97.80058	CGP
400	Deer Creek, Logan Co.	OK620910-04-0120B	Logan	35.75507	-97.56358	CGP
400	Kingfisher Creek	OK620910-05-0010G	Kingfisher	35.85946	-97.95938	CGP
400	Trail Creek, Kingfisher Co.	OK620910-05-0020G	Kingfisher	35.89829	-97.85672	CGP
400	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	36.36304	-98.48001	CGP
400	Griever Creek	OK620920-01-0130K	Major	36.33932	-98.85885	CGP
400	Traders Creek	OK620920-02-0170G	Woodward	36.71098	-99.23293	CGP
400	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	36.77072222	-99.36675	CGP
400	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	36.97833	-99.97635	CGP
400	Spring Creek	OK621000-02-0130G	Grant	36.75296	-97.90274	CGP
400	Bois d'Arc Creek	OK621000-03-0010F	Kay	36.68935	-97.11972	CGP
400	Turkey Creek	OK621010-01-0230G	Woods	36.82379	-98.68421	CGP

Table 2. –continued--

Task	Site Name	WBID	County	Lat.	Long.	E-region
400	Sandy Creek	OK621010-02-0010G	Alfalfa	36.98576	-98.2128	CGP
400	Duck Creek	OK621100-00-0030Q	Kay	36.82477	-97.17475	CGP
400	Bitter Creek	OK621100-00-0100G	Kay	36.89826	-97.27407	CGP
400	North Canadian River	OK720500-01-0010K	Woodward	36.23084	-99.04194	CGP
400	Persimmon Creek	OK720500-01-0150G	Woodward	36.26186111	-99.17372222	CGP
400	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	36.62222222	-99.851	CGP
400	Wolf Creek	OK720500-03-0010G	Woodward	36.44927778	-99.58819444	CGP
500	Laflin Creek	OK310810-02-0200G	Grady	34.92786	-97.72758	COTP
500	Winter Creek	OK310810-02-0220G	Grady	34.97157	-97.77389	COTP
500	Rush Creek	OK310810-05-0010H	Garvin	34.7441	-97.4054	COTP
500	West Mud Creek	OK311100-04-0080G	Jefferson	34.08903	-97.72041	COTP
500	Dry Creek	OK311200-00-0080G	Stephens	34.30405	-97.99986667	COTP
500	Crutcho Creek	OK520520-00-0070B	Oklahoma	35.48617	-97.40618	COTP
400	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	35.77593	-97.56719	COTP
400	Chisolm Creek	OK620910-04-0100G	Logan	35.72559	-97.52785	COTP
400	Quartermaster Creek	OK310840-01-0060G	Custer	35.6913	-99.32335	SWT
500	Fish Creek	OK311800-00-0130G	Greer	35.01885	-99.88026	SWT
500	North Elm Creek	OK311800-00-0170G	Beckham	35.07495	-99.95988333	SWT
400	Canadian River	OK520620-03-0010G	Dewey	36.00247	-99.29044	SWT
400	Unnamed Trib to Canadian River	OK520620-03-0050G	Dewey	35.91259	-99.27451	SWT
400	Red Creek	OK520620-03-0110G	Dewey	35.97774	-99.3494	SWT
400	Yellowstone Creek	OK621010-01-0270G	Woods	36.97695	-98.92931	SWT
400	Beaver River	OK720500-02-0010G	Harper	36.75379	-99.89106	SWT
400	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	36.616	-100.1647222	SWT
400	Palo Duro Creek	OK720500-02-0500G	Texas	36.54372222	-101.0806944	SWT
400	Buzzard Creek	OK720500-03-0080G	Ellis	36.31936	-99.72406	SWT
400	Cimarron River, West	OK720900-00-0180G	Cimarron	36.92638333	-102.9593167	SWT
400	North Carrizo Creek	OK720900-00-0280G	Cimarron	36.93983333	-102.9387667	SWT
400	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	36.73741667	-99.98038889	WHP
400	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	36.65535	-100.4877333	WHP
400	Corrumpa Creek	OK720510-00-0275K	Cimarron	36.64906667	-102.9842333	WHP
400	Cimarron River, East	OK720900-00-0010G	Cimarron	36.91873333	-102.5195667	WHP

(specifically phosphorus; a critical NPS concern) as determined from EPA's DEFT software. In-situ measurements included the following parameters: temperature (YSI Model 55), dissolved oxygen (YSI Model 55), pH (YSI Model 60), specific conductance (YSI Model 30), alkalinity (Hach Digital Titrator Model 16900-01), turbidity (Hach Portable Turbidimeter Model 2100P), and instantaneous discharge (Marsh-McBirney Flo-Mate Model 2000).

One water sample was collected per site per 35 day interval in two, new, sample rinsed HDPE bottles; one was preserved to a pH <2 with H_2SO_4 and both were stored and delivered on ice or at 4° C. Quality assurance/control samples were collected in accordance with the project QAPP. Samples were submitted to the laboratory for analysis of the following parameters: nitrate, nitrite, ammonia, total Kjeldahl nitrogen,

total phosphorus, ortho-phosphate, sulfate, chloride, hardness, and total suspended solids. Separate samples were collected in Bac-T containers and submitted concurrently for analysis of fecal coliform, *E. coli*, and *Enterococcus* bacteria.

All data were compiled and entered into an Access database for later analysis. Upon retrieval, data were proofed, quality assured, and the "descriptive statistics" were generated for each parameter using the statistical software package *Minitab, V. 11.2*. All statistics were determined for each parameter according to ecoregion. Water quality parameters were chosen for which strong biological responses have been demonstrated (DO-% saturation, pH, turbidity, and TSS) or hypothesized (available N, total N, o-P, total P, and F. coliform), and screening values were developed (Table 3) to allow opportunity for ranking of sites within their respective ecoregion. Fecal coliform bacterial density was chosen as a surrogate metric for relative magnitude of NPS disturbance for sites.

A ranking process was developed based upon the frequency of exceedance (FOE) of the screening value (Table 3) by sites for each parameter. To begin the ranking process, a number of rank classes were determined based on the range of FOE values exhibited. Because the possible range was 0 to 100 percent for all parameters, it seemed reasonable to assign rank classes to each unit of ten percent exceedance (e.g., 0-9% received rank 1, 10-19% received Rank 2, and so on). In instances when a particular class range wasn't represented (e.g., no Southwest Tablelands sites exhibited FOEs in the 10-19% range for pH), the next represented class range would receive the subsequent rank. Table 4 (below) details an example of the ranking results of the Southwest Tablelands sites for pH.

This process was repeated for all parameters and the results assimilated in a final matrix allowing computation of a total score for each site. An example of the final water quality scoring results for the Southwestern Tablelands sites may be found below (Table 5). To limit bias of the nutrient components on the final score, a combined nutrient score was determined by averaging the ranks of all nutrient parameters. This value was then averaged with the ranks of the other parameters to compute a total "Water Quality" score to be used in the final ranking table.

Table 3. Water Quality Parameters and Associated Criteria for Quality Assessment.

Water Quality Parameter	Screening value*
DO-percent saturation	<lower quartile or >upper quartile
PH	<lower quartile or >upper quartile
Turbidity (NTU)	>upper quartile
Available-N; Ammonia+NitrateNitrite (mg/l)	>upper quartile
Total-N; TKN+NitrateNitrite (mg/l)	>upper quartile
o-P (mg/l)	>upper quartile
Total P (mg/l)	>upper quartile
TSS	>upper quartile
Fecal Coliform, ln transformed FCUs	>upper quartile

*respective to ecoregion

Table 4. Ranking Results of Southwest Tablelands Sites by pH.

Task	SiteName	WBID	County	E-region	pH, percent of samples exceeding screening values (<lquart or >uquart)	pH, FOE Rank
400	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	40	4
500	Fish Creek	OK311800-00-0130G	Greer	SWT	74	7
500	North Elm Creek	OK311800-00-0170G	Beckham	SWT	55	5
400	Canadian River	OK520620-03-0010G	Dewey	SWT	80	8
400	Unnamed Trib. To Canadian River	OK520620-03-0050G	Dewey	SWT	6	1
400	Red Creek	OK520620-03-0110G	Dewey	SWT	25	2
400	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	37	3
400	Beaver River	OK720500-02-0010G	Harper	SWT	45	4
400	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	45	4
400	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	33	3
400	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	61	6
400	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	80	8
400	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	32	3

Table 5. Final Water Quality Scoring Matrix for Southwestern Tablelands Sites.

Task	SiteName	WBID	County	E-region	DO (% Sat), FOE Rank	pH, FOE rank	Turbidity, FOE rank	TSS, FOE rank	F col., FOE rank	Avail-N, FOE rank	Total-N, FOE rank	o-P, FOE rank	Total-P, FOE rank	Combined Nutrients*	WATER QUALITY**
400	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	4	4	5	4	2	2	1	3	3	2.25	3.54
500	Fish Creek	OK311800-00-0130G	Greer	SWT	5	7	6	5	2	2	3	3	2	2.5	4.58
500	North Elm Creek	OK311800-00-0170G	Beckham	SWT	4	5	4	4	2	3	3	1	2	2.25	3.54
400	Canadian River	OK520620-03-0010G	Dewey	SWT	1	8	2	1	1	1	1	1	1	1	2.33
400	Un. Trib. To Canadian River	OK520620-03-0050G	Dewey	SWT	1	1	2	2	5	4	4	1	1	2.5	2.25
400	Red Creek	OK520620-03-0110G	Dewey	SWT	2	2	1	2	3	1	1	1	1	1	1.83
400	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	2	3	3	4	3	2	1	1	1	1.25	2.71
400	Beaver River	OK720500-02-0010G	Harper	SWT	3	4	2	2	1	1	1	1	1	1	2.17
400	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	7	4	2	2	2	5	4	3	2	3.5	3.42
400	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	6	3	2	2	2	1	2	1	1	1.25	2.71
400	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	4	6	2	3	4	6	6	4	5	5.25	4.04
400	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	3	8	5	3	2	2	5	1	3	2.75	3.96
400	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	5	3	4	3	1	1	4	2	4	2.75	3.13

*average of ranks for Avail-N, Total-N, o-P and Total-P

**average of ranks for DO, pH, Turbidity, TSS, F. col., and Combined Nutrients

2.2 BIOLOGICAL MONITORING

2.2.1 Habitat Assessment

In the summers of 2000 and 2001, OCC staff conducted instream and riparian habitat assessments at intensive sites concurrent with fish collections. Investigators recorded requisite data for 20 stations at 20 m intervals immediately adjacent to water quality collection sites. All assessments were conducted in accordance with procedures outlined in the OCC Habitat Assessment SOP (OCC SOP 2001).

Specifically, OCC's habitat assessment adheres to a modified version of the EPA Rapid Bioassessment Protocols (RBP) (Plafkin et al., 1989) and is designed to assess habitat quality in relation to its ability to support biological communities in the stream. The assessment is based on particular parameters grouped into three categories for a total of eleven components (Plafkin et al., 1989). The three primary categories assessed include micro scale habitat, macro scale habitat, and riparian/bank structure. Micro scale habitat includes substrate makeup, stable cover, canopy, and flow. Macro scale assesses the channel morphology, sediment depositions, and other parameters. The third category looks at the riparian zone quality, width, and general makeup (trees, shrubs, vines, and grasses) as well as bank features. Bank erosion and streamside vegetative cover are incorporated into this section. Quantitative weighting is given to each of these sections in relation to their biological significance. Scores are computed for each of the eleven categories, summed, and assigned as an evaluation of that stream section and riparian zone. Scores can reach a maximum of 180 points.

Habitat data were entered, metrics computed, and the total habitat score rendered via *Access* programming. Using total habitat scores, rank classes were determined and relative ranks assigned for sites in their respective ecoregion. Sites with scores falling in the top rank class received a rank of "1", while sites with scores in the second class were ranked "2", and so on. "Habitat" ranks were incorporated in the final ranking table. An example of the habitat-ranking matrix may be found below (Table 6).

Table 6. Total Habitat Scores and Associated Ranks for Southwestern Tablelands Sites.

Task	SiteName	WBID	County	E-region	Total Habitat Score	HABITAT
400	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	88.3	2
500	Fish Creek	OK311800-00-0130G	Greer	SWT	80.1	2
500	North Elm Creek	OK311800-00-0170G	Beckham	SWT	103.6	1
400	Canadian River	OK520620-03-0010G	Dewey	SWT	28.4	7
400	Un. Trib. To Canadian River	OK520620-03-0050G	Dewey	SWT	55.8	5
400	Red Creek	OK520620-03-0110G	Dewey	SWT	56	5
400	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	65.7	4
400	Beaver River	OK720500-02-0010G	Harper	SWT	49.6	6
400	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	64.9	4
400	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	67.5	4
400	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	71.5	3
400	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	71.4	3
400	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	59.8	5

2.2.2 Fish

Single fish collections were made over the summers of 2000 and 2001 at intensive sites using a combination of seining and electroshocking techniques. The OCC fish collection method follows a modified version of the EPA Rapid Bioassessment Protocol V (Plafkin et al., 1989). Depending upon workable habitat, seining was performed first at all sites and was accomplished by use of either 6' X 10' or 6' X 20' seines of ¼ in mesh equipped with 8' brailes. Electroshocking was undertaken at all sites with viable conductivities (usually < 1000 uS/cm) and involved the use of a Coffelt CPS backpack shocker powered by a 300 ma, 120 V Honda generator. For sites possessing long pools too deep to seine or backpack shock, a boat electrofishing unit consisting of a Smith-Root GPP 5 shocking unit powered by a Honda EX-350 generator was employed.

Sampling effort entailed collections over a 400 m stretch of stream adjacent to water collection sites. Except for those individuals readily identifiable, fish were placed in 10% formalin upon capture and identified to species by a professional taxonomist. Fish species identified and released in the field were photographed on print film for reference. All fish samples were transferred to ethanol and retained for future reference.

Fish data were compiled and analyzed by site following a modified version of Karr's Index of Biotic Integrity (IBI) (adapted from Plafkin et al., 1989). Although a variety of metrics were explored, seven were chosen which seemed to exhibit best "signal strength" and were supported in the literature. Descriptive statistics were determined for each metric according to ecoregion using the *Minitab V 11.2* software. Resulting quartile and median data were then employed as screening values for the determination of "good" and "poor" categories for each metric (Table 7). For each site, metric scores were subjected to the screening values of their respective ecoregion, and the number of metrics meeting or exceeding these values was determined. Sites were ranked within their respective ecoregion for each category (i.e., good or poor) according to the number of metrics meeting or exceeding their respective screening values. Sites not meeting screening values for any metrics of a given category were assigned a default rank logical for the category of interest; this was equal to the lowest rank number plus one for the "good" category and equal to "1" for the "bad". Rankings of both categories were averaged per site to achieve a "Fish" score for use in the final ranking table.

Table 7. Fish Metrics and Associated Screening Values Used in Site Evaluation for Relative Ranking.

Metric	Screening Values, "Good"*	Screening Values, "Poor"*
Total Species	>=median	<=lower quartile
S-W Diversity	>=median	<=lower quartile
Number of Centrarchid species	>=median	<=lower quartile
Number of Intol Species	>=median	<=lower quartile
Percent of Individuals as Tolerant	<=median	>=upper quartile
Number of Sensitive Benthic Species	>=median	<=lower quartile
Number of Insectivorous Cyprinid Species	>=median	<=lower quartile

*respective to ecoregion

2.2.3 Macroinvertebrates

Annual benthic macroinvertebrate collections were made or attempted at all intensive sites for both the winter and summer index periods of 2000 and 2001. Index periods represent seasons of relative community stability, which afford opportunity for meaningful site comparisons. For Oklahoma, the summer index occurs from July 1 to September 15; winter index is from January 1 to March 15. Collection effort entailed up to three potential samples from each site representing the following habitats: rocky riffles, streamside vegetation, and woody debris.

Collection methods entailed an assessment of each of the habitats similar to methods outlined in the EPA RBP (Plafkin et al., 1989). Riffle sampling effort consisted of three, one meter kicknet samples in areas of rocky substrate reflecting the breadth of the hydraulic regime at a site. Riffles with substrates of bedrock or tight clay were not sampled. Any streamside vegetation in the current that appeared to offer fine structure was sampled by agitation within a #30 mesh dip net for three minutes total agitation time. Any dead wood with or without bark which was in current fast enough to offer suitable habitat for organisms was sampled by agitation or by scraping/brushing upstream of a #30 mesh dip net for 5 minutes. Woody debris sampled generally ranged in size from 1/4" to about 8" in diameter. Each sample type was preserved independently in quart mason jars with ethanol, labeled, and sent to a contractor for picking.

Preserved samples were picked in the laboratory (OCC SOP 2001), and the picked subsamples sent to a professional taxonomist for identification. Data were compiled, collated by year, season, and sample type and entered into a spreadsheet for metric calculations. Of the total 16 metrics calculated, seven were chosen which seemed most appropriate for Oklahoma streams and were demonstrated throughout the literature. These include the following metrics: taxa richness, HBI index (family level), ratio of EPT individuals to EPT and Chironominae individuals, ratio of EPT individuals to total individuals, EPT taxa, ratio of dominant individuals to total individuals, and Shanon Diversity. Descriptive statistics of the metrics for each season specific sample type (e.g., summer riffle, winter vegetation, summer woody) were determined for each ecoregion via *Minitab V 11.2*, and screening values (Table 8) were imposed to allow ranking of sites within ecoregions.

Table 8. Benthic Macroinvertebrate Metrics and Associated Screening Values Used in Site Evaluation for Relative Ranking.

Metric	Screening Values, "Good"*	Screening Values, "Poor"*
Number of taxa	>=median	<=lower quartile
Modified HBI	<=median	>=upper quartile
EPT/EPT+Chironominae	>=median	<=lower quartile
EPT/Total	>=median	<=lower quartile
EPT taxa	>=median	<=lower quartile
Dominants/total	<=median	>=upper quartile
S-W Diversity	>=median	<=lower quartile

*respective to ecoregion for each season specific sample type

The site ranking process used for this data was identical to that employed for fish and resulted in six categories for each of the index periods: "good" and "poor" summer riffle, summer vegetation, and summer woody; and "good" and "poor" winter riffle, winter vegetation, and winter woody. For sites possessing samples for the same habitat type and season over both years, an average was computed and used for all ranking processes. Rank results were averaged across all habitat types and categories for each index period rendering a final seasonal rank. These values were then averaged to compute the "Macroinv" score to be used in the final ranking table.

2.3 BENEFICIAL USE SUPPORT ASSESSMENT

Relevant data was used to assess attainment status of intensive sites for select beneficial uses as derived from the 1998 Water Quality Standards GIS coverage (OWRB, 1998). All beneficial use assessments were conducted as per Oklahoma Water Resource Board, *Implementation of Oklahoma's Water Quality Standards, Subchapter 15: Use Support Assessment Protocols* (USAP) (OAC 785:46-15). Although data requirements were met for assessment of other uses, the Fish and Wildlife Propagation beneficial use was the principal focus of this project.

2.4 FINAL SCORING AND STREAM SELECTION

Final ranks for each of the categories (water quality, habitat, fish, and macroinvertebrates) were assembled by site into a sortable matrix to allow determination of a final ranking value. Because the primary intent for these reference sites is to assess biological condition, fish and macroinvertebrate ranks were weighted to comprise 40 percent each of the "Final Rank" value (i.e., 80 percent total); water quality and habitat ranks were weighted at 10 percent each (20 percent total). Weighted ranks were then summed for each site, and the matrix was sorted in ascending order by the resulting "Final Rank" within each ecoregion.

Candidates for reference constituted those sites possessing the lowest "Final Ranks" and exhibiting a fully supporting status for the Fish and Wildlife Propagation beneficial use with respect to DO, pH, and turbidity. In order to fully characterize habitat-biota or water quality-biota relationships, sites were also noted for which rank results indicated either a strong habitat or water quality limitation. Because it is generally realized that fish communities are especially sensitive to habitat degradation and macroinvertebrates to water quality (Plafkin et al. 1989), habitat limited sites constituted those sites exhibiting poor ranks for "Fish" and "Habitat" and good ranks for water quality and macroinvertebrate; sites exhibiting good habitat and fish ranks and poor water quality and corresponding macroinvertebrate ranks were considered water quality limited. Such sites will be necessary to discriminate between habitat degradation and water quality impairment of sites monitored in the future (Plafkin et al. 1989).

Reference candidates were chosen for all ecoregions except the Central Oklahoma Texas Plains, which is marginally represented in western Oklahoma. The intensive sites from this ecoregion will be added to additional streams from the same ecoregion in the

Stream Assessment to Fill Data Gaps for Eastern Oklahoma project report due out next year. Reference streams for this ecoregion will be chosen at that time.

3.0 RESULTS AND DISCUSSION

3.1 WATER QUALITY MONITORING

Water quality data collected throughout the project is included in Appendix B. Table 9 (below) details the descriptive statistics for all intensive sites including medians and quartiles used as screening values for site evaluation and relative ranking. To avoid misuse of the data, the reader is reminded that the statistics represent sites which were selected with a bias toward condition as determined from the abbreviated assessment (i.e., 50 percent with good habitat and good water quality, 25 percent with good habitat and poor water quality, and 25 percent with poor habitat and good water quality). Again, this was necessary to afford a better potential for choosing the best sites for each region and for a more robust characterization of water quality-biota and habitat-biota gradients.

3.2 BIOLOGICAL MONITORING

Habitat Assessment

Evaluation and relative ranking of sites was accomplished entirely from the calculated "Total Habitat" scores. The complete habitat data and resulting metrics for all intensive sites may be found in Appendices C and D, respectively. Again, the reader is cautioned against employing this data for purposes other than its intended use, since it was derived from streams selected for either good or bad habitat as indicated from the abbreviated assessment in Phase I.

Total Habitat Scores exhibited similar ranges across project ecoregions except for the Central Oklahoma Texas Plains. Total scores ranged from 32 to 104 for CGP sites, 28 to 104 for SWT sites, 47 to 104 for WHP sites, and 29 to 88 for COTP sites. Although similar in range, the proportion of scores greater than 95 was larger for Central Great Plains than other ecoregions. This would be expected even without perturbation due to a natural shift to sand dominated substrates, loss of riparian vegetation diversity/density, and potential for intermittence or ephemerality due to significantly lower rainfall with westward advance in the state; all of these in part comprise a significant portion of the total habitat score.

Fish Collections

The descriptive statistics of fish metrics used to evaluate sites for relative ranking are listed below (Table 10). For a complete listing of fish data including species and numbers obtained at each site, consult Appendix E. Fish metrics used for site evaluation and relative ranking are located in Appendix F. Again, the reader is cautioned regarding alternate uses of this data due to potential biases imposed from the site selection process.

In summary, fish collections resulted in 48 total species with richness ranging from 2 -21 for CGP sites, 4 – 15 for SWT sites, 5 – 9 for WHP sites, and 3 – 15 for COTP sites.

Table 9. Descriptive Statistics for Water Quality Evaluation Parameters.
CGP=Central Great Plains, COTP=Central Oklahoma/Texas Plains, SWT=Southwestern Tablelands.

Variable	E-region	N	Mean	StDev	SE Mean	Min	Max	Median	Q1	Q3
DO, % saturation	CGP	1046	97.862	30.103	0.931	0	290.902	97.352	82.154	109.325
	COTP	155	86.97	35.2	2.83	3.57	204.56	91.76	70.13	106.9
	SWT	252	99.22	27.01	1.7	0	258.23	99.71	86.52	109.34
	WHP	80	91.99	39.35	4.4	12.27	212.82	94.32	70.36	109.98
PH	CGP	990	7.9613	0.4581	0.0146	5.01	10.23	8.04	7.81	8.23
	COTP	145	7.8452	0.5392	0.0448	5.04	8.58	7.95	7.665	8.185
	SWT	251	8.0923	0.3764	0.0238	6.03	9.52	8.12	7.93	8.28
	WHP	80	8.0476	0.2974	0.0333	7.21	8.75	8.1	7.845	8.2675
Turbidity (NTU)*	CGP	961	35.61	87.84	2.83	0.66	1000	12.8	6.44	28.65
	COTP	141	56.3	141.4	11.9	0.7	1000	15.1	6.2	35.5
	SWT	243	24.54	75.63	4.85	0.61	1000	9.35	4.56	21
	WHP	80	14.47	19.74	2.21	1.16	131	7.2	4.11	16.08
Available N (mg/l)*	CGP	965	1.3629	2.0944	0.0674	0.023	22.911	0.8	0.403	1.391
	COTP	141	1.996	4.604	0.388	0.035	40.882	0.61	0.253	1.164
	SWT	244	0.5641	0.6423	0.0411	0.024	3.509	0.335	0.1	0.745
	WHP	79	0.6046	0.7418	0.0835	0.05	4.411	0.35	0.12	0.84
Total N (mg/l)*	CGP	813	1.8978	2.3246	0.0815	0.09	24.025	1.3	0.86	1.9075
	COTP	117	2.913	5.375	0.497	0.162	45.882	1.3	0.767	2.256
	SWT	207	1.091	1.455	0.101	0.1	19.21	0.81	0.5	1.28
	WHP	67	1.132	1.184	0.145	0.15	7.351	0.895	0.492	1.265
oPhos (mg/l)*	CGP	965	0.1223	0.3404	0.011	0.003	3.242	0.029	0.011	0.0775
	COTP	141	0.3041	0.6551	0.0552	0.005	3.454	0.05	0.014	0.222
	SWT	244	0.03393	0.13371	0.00856	0.001	1.972	0.014	0.007	0.026
	WHP	80	0.02823	0.06809	0.00761	0.002	0.564	0.012	0.007	0.02275
Total P (mg/l)*	CGP	965	0.1874	0.3861	0.0124	0.005	3.647	0.081	0.042	0.151
	COTP	141	0.4473	0.8469	0.0713	0.005	4.95	0.115	0.0475	0.336
	SWT	244	0.0764	0.1574	0.0101	0.005	2.024	0.041	0.024	0.079
	WHP	80	0.084	0.186	0.0208	0.005	1.497	0.04	0.024	0.0642
TSS (mg/l)*	CGP	965	37.36	63.2	2.03	0	985	17	10	40
	COTP	141	33.65	57.87	4.87	1	337	13	10	32.5
	SWT	244	30.11	47.23	3.02	0	460	14	10	36
	WHP	79	25.76	51.66	5.81	1	416	10	6	23
F. coliform (cu/100mls)	CGP	735	1320	4964	183	0	57000	290	100	615
	COTP	110	1510	5687	542	0	46000	185	60	600
	SWT	181	676	3008	224	0	33000	100	20	380
	WHP	51	959	4735	663	0	34000	130	30	410

*data collected during elevated or high flow stages omitted

Table 10. Descriptive Statistics of Fish Metrics Used for Evaluation and Relative Ranking.

Variable	E-region	N	Mean	StDev	SE Mean	Min	Max	Median	Q1	Q3
Total Species	CGP	54	11.648	3.758	0.511	2	21	11.5	9	14
	COTP	8	10.5	3.78	1.34	3	15	11.5	8.25	13
	SWT	13	8.615	3.097	0.859	4	15	8	6.5	11
	WHP	4	7.25	1.708	0.854	5	9	7.5	5.5	8.75
Shanon Diversity	CGP	54	1.3111	0.4909	0.0668	0.094	2.187	1.382	0.92	1.6928
	COTP	8	1.402	0.619	0.219	0.512	2.22	1.419	0.783	2.008
	SWT	13	1.133	0.46	0.128	0.41	1.828	1.133	0.77	1.57
	WHP	4	1.045	0.255	0.128	0.718	1.253	1.105	0.78	1.251
No. Species Centrarchidae	CGP	54	3.389	1.446	0.197	0	7	3	2	4
	COTP	8	3.875	1.808	0.639	0	6	4	3.25	5
	SWT	13	2.385	1.557	0.432	0	4	2	1	4
	WHP	4	2.25	1.5	0.75	1	4	2	1	3.75
No. Intolerant Species	CGP	54	0.9259	0.6688	0.091	0	3	1	0.75	1
	COTP	8	0.875	0.641	0.227	0	2	1	0.25	1
	SWT	13	0.769	0.599	0.166	0	2	1	0	1
	WHP	4	0.5	0.577	0.289	0	1	0.5	0	1
Percent Individuals Tolerant	CGP	54	86.41	18.65	2.54	21	100	92.5	86	98.25
	COTP	8	92.62	6.65	2.35	81	100	94	87	98
	SWT	13	79.69	25.94	7.19	31	100	92	60.5	99
	WHP	4	93.75	5.38	2.69	87	100	94	88.5	98.75
No. Species Sensitive Benthics	CGP	54	1.241	0.889	0.121	0	3	1	1	2
	COTP	8	1.125	0.835	0.295	0	2	1	0.25	2
	SWT	13	0.846	0.689	0.191	0	2	1	0	1
	WHP	4	1	0.816	0.408	0	2	1	0.25	1.75
No. Species Insectivorous Cyprinidae	CGP	54	1.574	0.924	0.126	0	3	2	1	2
	COTP	8	1.625	0.916	0.324	0	3	2	1	2
	SWT	13	1.385	1.121	0.311	0	4	1	0.5	2
	WHP	4	1	1.155	0.577	0	2	1	0	2

Typical for many western Oklahoma streams, fish collections were often dominated by a few Cyprinid species (e.g., *Cyprinella lutrensis, Notropis stramineus*) in disproportionately high numbers. Sample abundances ranged from 22 – 1673 individuals for CGP sites, 57 – 1456 for SWT sites, 76 – 328 for WHP sites, and 57 – 871 for COTP sites.

Macroinvertebrate Collections

The complete macroinvertebrate database including species and numbers captured per site is included in Appendix G. Appendix H contains the values of all macroinvertebrate metrics calculated for project data. To conserve text continuity, the descriptive statistics including medians and quartiles used for site evaluation and relative ranking have been included in Appendix I. Again, the reader is cautioned against alternate use or interpretation of the data due to potential biases resulting from the site selection process during Phase I.

Macroinvertebrate collection efforts totaled 524 events consisting of 137 riffle, 177 vegetation, and 181 woody habitat samples. Twenty-nine of the events did not render a sample due to dry or no flow conditions. Samples resulted in 206 total taxa, of which

169 were identified to genus, 28 to family, and 9 to order. However, not all taxa were included in metric determinations, particularly certain Coleopterans known to be more terrestrial in orientation. Ephemeroptera-Plecoptera-Trichoptera (EPT) totaled 41 taxa consisting of 20 Ephemeroptera, 3 Plecoptera, and 18 Trichoptera genera. Taxa richness varied widely across all ecoregions spanning 2 – 26 taxa for CGP sites, 2 - 22 taxa for SWT sites, 3 – 18 taxa for WHP sites, and 2 – 23 for COTP sites.

3.2 BENEFICIAL USE EVALUATION

In accordance with workplan directives, intensive sites were evaluated for attainment of beneficial uses as determined from the *1998 Oklahoma Water Quality Standards Arcview Coverage* (OWRB 1998). The beneficial uses applicable for the study sites are included below (Table 11).

Table 11. Beneficial Uses for Tasks 90 (Project 500) and 104 (Project 400) Intensive Sites.

Task	SiteName	WBID	County	Water Supply	Fish and Wildlife Propagation	Agriculture	Industrial and Municipal Process	Recreation	Aesthetics	LIMIT
500	Roaring Creek	OK310810-02-0170G	Grady	PPWS	WWAC	*	*	PBCR	*	
500	Laflin Creek	OK310810-02-0200G	Grady	PPWS	WWAC	*	*	PBCR	*	
500	Winter Creek	OK310810-02-0220G	Grady	PPWS	WWAC	*	*	PBCR	*	
500	Rush Creek	OK310810-05-0010H	Garvin		WWAC	*	*	PBCR	*	
500	Bitter Creek	OK310820-01-0030G	Grady	PPWS	WWAC	*	*	PBCR	*	
500	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	PPWS	WWAC	1	*	PBCR	*	
500	Little Washita River, Caddo Co.	OK310820-02-0010F	Caddo	PPWS	WWAC	1	*	PBCR	*	
500	Washita River # 466	OK310830-03-0010G	Washita	PPWS	WWAC	1	*	PBCR	*	
400	Washita River # 145	OK310830-03-0010P	Custer	PPWS	WWAC	1	*	PBCR	*	
400	Beaver Creek	OK310830-03-0150G	Custer		WWAC	*	*	SBCR	*	
400	West Barnitz Creek	OK310830-03-0230G	Custer	PPWS	WWAC	*	*	PBCR	*	
500	Willow Creek	OK310830-06-0030H	Caddo	PPWS	WWAC	*	*	PBCR	*	SWS
400	Quartermaster Creek	OK310840-01-0060G	Custer	PPWS	WWAC	*	*	PBCR	*	
400	Washita River # 384	OK310840-02-0010G	Roger Mills	PPWS	WWAC	1	*	PBCR	*	
500	West Mud Creek	OK311100-04-0080G	Jefferson		WWAC	*	*	PBCR	*	
500	Dry Creek	OK311200-00-0080G	Stephens	PPWS	WWAC	*	*	PBCR	*	
500	Whiskey Creek	OK311210-00-0140D	Comanche		WWAC	*	*	PBCR	*	
500	Cottonwood Creek	OK311210-00-0150G	Comanche		WWAC	*	*	PBCR	*	
500	Tahoe Creek	OK311300-03-0070G	Caddo	PPWS	WWAC	*	*	PBCR	*	SWS
500	Blue Beaver Creek	OK311310-02-0060G	Comanche	PPWS	WWAC	*	*	PBCR	*	
500	Brush Creek	OK311310-03-0050G	Tillman		WWAC	*	*	PBCR	*	
500	Stinking Creek	OK311500-01-0050G	Jackson	PPWS	WWAC	*	*	PBCR	*	
500	Tepee Creek	OK311500-01-0110G	Kiowa		WWAC	*	*	PBCR	*	
500	West Otter Creek	OK311500-02-0040G	Kiowa	PPWS	WWAC	*	*	PBCR	*	
500	Little Elk Creek	OK311500-03-0040G	Kiowa	PPWS	WWAC	*	*	PBCR	*	
500	Turkey Creek	OK311510-02-0060G	Beckham	PPWS	WWAC	*	*	PBCR	*	
500	Salt Fork of the Red River	OK311600-02-0010G	Jackson	PPWS	WWAC	3	*	PBCR	*	
500	Bitter Creek	OK311600-02-0110G	Jackson	EWS	HLAC	1	*	SBCR	*	
500	Cave Creek	OK311600-02-0140G	Greer		WWAC	*	*	PBCR	*	
500	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	PPWS	WWAC	*	*	PBCR	*	
500	Fish Creek	OK311800-00-0130G	Greer	PPWS	WWAC	*	*	PBCR	*	
500	North Elm Creek	OK311800-00-0170G	Beckham	PPWS	WWAC	*	*	PBCR	*	

Table 11. –continued-

Task	SiteName	WBID	County	Water Supply	Fish and Wildlife Propagation	Agriculture	Industrial and Municipal Process	Recreation	Aesthetics	LIMIT
500	Crutcho Creek	OK520520-00-0070B	Oklahoma		WWAC	*	*	PBCR	*	
500	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	PPWS	WWAC	1	*	PBCR	*	
400	Shell Creek	OK520530-00-0030G	Canadian	PPWS	WWAC	*	*	PBCR	*	
500	Buggy Creek	OK520610-02-0120G	Caddo	EWS	WWAC	*	*	PBCR	*	
500	North Walnut Creek	OK520610-03-0010G	McClain		WWAC	1	*	PBCR	*	
500	North Fork Walnut Creek	OK520610-03-0080G	McClain		WWAC	*	*	PBCR	*	
400	Bear Creek	OK520620-01-0120G	Custer		WWAC	*	*	PBCR	*	
400	Trail Creek, Dewey Co.	OK520620-02-0050G	Dewey		WWAC	*	*	PBCR	*	
400	Canadian River	OK520620-03-0010G	Dewey	EWS	WWAC	2	*	PBCR	*	
400	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey		WWAC	*	*	PBCR	*	
400	Red Creek	OK520620-03-0110G	Dewey	PPWS	WWAC	*	*	PBCR	*	
400	West Beaver Creek	OK620500-03-0260G	Logan		WWAC	*	*	PBCR	*	
400	Stillwater Creek	OK620500-04-0270G	Payne		WWAC	*	*	PBCR	*	
400	Elm Creek	OK620910-02-0270G	Blaine	PPWS	WWAC	*	*	PBCR	*	
400	Otter Creek	OK620910-03-0040G	Logan	PPWS	WWAC	*	*	PBCR	*	
400	Skeleton Creek	OK620910-03-0240E	Garfield	EWS	HLAC	*	*	SBCR	*	
400	Cottonwood Creek	OK620910-04-0010G	Logan	PPWS	WWAC	2	*	PBCR	*	
400	Chisolm Creek	OK620910-04-0100G	Logan	PPWS	WWAC	*	*	PBCR	*	
400	Deer Creek	OK620910-04-0120B	Logan	PPWS	WWAC	*	*	PBCR	*	
400	Kingfisher Creek	OK620910-05-0010G	Kingfisher		WWAC	*	*	PBCR	*	
400	Trail Creek	OK620910-05-0020G	Kingfisher		WWAC	*	*	PBCR	*	
400	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	PPWS	WWAC	*	*	PBCR	*	
400	Griever Creek	OK620920-01-0130K	Major	PPWS	WWAC	*	*	PBCR	*	
400	Traders Creek	OK620920-02-0170G	Woodward	PPWS	WWAC	*	*	PBCR	*	
400	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	PPWS	WWAC	*	*	PBCR	*	
400	Cimarron River, Harper Co.	OK620930-00-0010G	Harper		WWAC	*	*	PBCR	*	
400	Spring Creek	OK621000-02-0130G	Grant		WWAC	*	*	PBCR	*	
400	Bois d'Arc Creek	OK621000-03-0010F	Kay	PPWS	WWAC	1	*	PBCR	*	
400	Turkey Creek	OK621010-01-0230G	Woods	PPWS	WWAC	*	*	PBCR	*	
400	Yellowstone Creek	OK621010-01-0270G	Woods	PPWS	WWAC	*	*	PBCR	*	
400	Sandy Creek	OK621010-02-0010G	Alfalfa	PPWS	WWAC	*	*	PBCR	*	
400	Duck Creek	OK621100-00-0030Q	Kay	PPWS	WWAC	*	*	PBCR	*	
400	Bitter Creek	OK621100-00-0100G	Kay	PPWS	WWAC	*	*	PBCR	*	
400	North Canadian River	OK720500-01-0010K	Woodward	PPWS	WWAC	3	*	PBCR	*	
400	Persimmon Creek	OK720500-01-0150G	Woodward	PPWS	WWAC	*	*	PBCR	*	
400	Beaver River	OK720500-02-0010G	Harper		WWAC	3	*	PBCR	*	
400	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	PPWS	WWAC	*	*	PBCR	*	
400	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	PPWS	WWAC	*	*	PBCR	*	
400	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	PPWS	WWAC	*	*	PBCR	*	
400	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	PPWS	WWAC	*	*	PBCR	*	
400	Palo Duro Creek	OK720500-02-0500G	Texas	PPWS	WWAC	*	*	PBCR	*	
400	Wolf Creek	OK720500-03-0010G	Woodward	PPWS	WWAC	*	*	PBCR	*	SWS
400	Buzzard Creek	OK720500-03-0080G	Ellis	PPWS	WWAC	*	*	PBCR	*	SWS
400	Corrumpa Creek	OK720510-00-0275K	Cimarron		WWAC	*	*	PBCR	*	
400	Cimarron River, East	OK720500-00-0010G	Cimarron		WWAC	*	*	PBCR	*	
400	Cimarron River, West	OK720500-00-0180G	Cimarron		WWAC	*	*	PBCR	*	
400	North Carrizo Creek	OK720500-00-0280G	Cimarron		WWAC	*	*	PBCR	*	

The Fish and Wildlife Propagation beneficial use is established to protect and maintain waters capable of supporting different high quality communities of aquatic life. The subcategories included in this beneficial use are habitat limited aquatic community, warm water aquatic community, cool water aquatic community (excluding lake waters), and trout fishery. Criteria and Use Support Assessment Protocols (USAP) (OAC 785:46-15) for this beneficial use have been established for dissolved oxygen, pH, turbidity, and toxicants. Although biological criteria have been determined for wadable streams in six ecoregions of the state, none are covered in this project. Individual parameter and final support status for Fish and Wildlife Propagation may be found in Appendix J, Table 1.

The Primary Body Contact Recreation beneficial use is set aside for water bodies that experience direct body contact with the possibility of ingestion. Criteria and USAP for this use have been established for fecal coliform, *Escherichia coli*, and *Enterococci* bacteria and are in force from May 1 to September 30 (OAC 785:46-15). Although water quality standards indicate the use of only one bacteria type for use assessment, data was available and assessed for all three. Minimum sample numbers were not fulfilled for most sites, however, thus rendering assessment to determinations of “not supporting” or “not enough information”. Individual parameter and final support status for Primary Body Contact Recreation may be found in Appendix J, Table 2.

The Public and Private Water Supply designation sets up criteria for the protection of water supplies from certain organic and inorganic materials, radioactive materials, coliform bacteria, oil and grease, general criteria, and protection for fish consumption. USAP provides for assessment of use support with respect to toxicants listed in OAC 785:45-5-10(1) or 785:45-5-10(6) and fecal coliform bacteria. Data was available and assessed for nitrate and fecal coliform bacteria. Individual parameter and final support status for Public and Private Water Supply may be found in Appendix J, Table 3.

The Agriculture beneficial use has been established to protect waters used for livestock and crop irrigation from toxicity due to excessive salinity. USAP provides for assessment of use support with respect to chloride, sulfate, and total dissolved solids as compared to sample standard and yearly mean standard values for six digit drainage basins. Data was available and assessed for chloride and sulfate in accordance with USAP. Individual parameter and final support status for Public and Private Water Supply may be found in Appendix J, Table 4.

In summary, six sites (Winter Ck., North Elm Ck., Cimarron R.-Harper Co., Kiowa Ck.-Beaver Co., Cimarron R. East, and North Carrizo Ck.) were supporting for all beneficial uses assessable. Three of the sites (Brush, Stinking, and Crooked Oak Creeks) did not support any of their assessable beneficial uses (Table 12). Of primary focus for this project, Fish and Wildlife Propagation was supported by 62 percent of the intensive sites, and 24 percent were partially supporting only because of one parameter (usually turbidity). Of particular note, 82 percent of sites failed to support Primary Body Contact Recreation with respect to one or more of the bacterial criterion assessed.

Table12. Support Status for Assessed Beneficial Uses of Tasks 90 (Project 500) and 104 (Project 400) intensive sites.

Task	SiteName	WBID	County	Final F and W Prop Support Status	Final PBCR Support Status	Final PPWS Support Status	Final AG Support Status
500	Roaring Creek	OK310810-02-0170G	Grady	supp	not supp	supp	supp
500	Laflin Creek	OK310810-02-0200G	Grady	supp	not supp	supp	supp
500	Winter Creek	OK310810-02-0220G	Grady	supp	ins data	supp	supp
500	Rush Creek	OK310810-05-0010H	Garvin	supp	not supp	use na	not supp
500	Bitter Creek	OK310820-01-0030G	Grady	supp	not supp	supp	supp
500	Little Washita River, Grady Co.	OK310820-02-0010B	Grady	p. supp	not supp	supp	supp
500	Little Washita River, Caddo Co.	OK310820-02-0010F	Caddo	supp	not supp	supp	supp
500	Washita River # 466	OK310830-03-0010G	Washita	supp	not supp	supp	supp
400	Washita River # 145	OK310830-03-0010P	Custer	supp	not supp	supp	supp
400	Beaver Creek	OK310830-03-01090G	Custer	supp	use na	use na	not supp
400	West Barnitz Creek	OK310830-03-0230G	Custer	supp	not supp	supp	not supp
500	Willow Creek	OK310830-06-0030H	Caddo	supp	not supp	supp	supp
400	Quartermaster Creek	OK310840-01-0060G	Custer	supp	not supp	supp	not supp
400	Washita River # 384	OK310840-02-0010G	Roger Mills	p. supp	ins data	supp	supp
500	West Mud Creek	OK311100-04-0080G	Jefferson	not supp	not supp	ins data	supp
500	Dry Creek	OK311200-00-0080G	Stephens	p. supp	not supp	supp	not supp
500	Whiskey Creek	OK311210-00-0140D	Comanche	supp	not supp	use na	supp
500	Cottonwood Creek	OK311210-00-0150G	Comanche	supp	not supp	use na	not supp
500	Tahoe Creek	OK311300-03-0070G	Caddo	supp	not supp	supp	p. supp
500	Blue Beaver Creek	OK311310-02-0060G	Comanche	supp	not supp	supp	supp
500	Brush Creek	OK311310-03-0050G	Tillman	not supp	not supp	use na	not supp
500	Stinking Creek	OK311500-01-0050G	Jackson	not supp	not supp	not supp	not supp
500	Tepee Creek	OK311500-01-0110G	Kiowa	p. supp	not supp	use na	not supp
500	West Otter Creek	OK311500-02-0040G	Kiowa	p. supp	not supp	supp	supp
500	Little Elk Creek	OK311500-03-0040G	Kiowa	p. supp	not supp	supp	supp
500	Turkey Creek	OK311510-02-0060G	Beckham	supp	not supp	supp	supp
500	Salt Fork of the Red River	OK311600-02-0010G	Jackson	supp	not supp	supp	supp
500	Bitter Creek	OK311600-02-0110G	Jackson	p. supp	use na	use na	not supp
500	Cave Creek	OK311600-02-0140G	Greer	supp	not supp	use na	supp
500	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	p. supp	not supp	supp	not supp
500	Fish Creek	OK311800-00-0130G	Greer	not supp	not supp	supp	not supp
500	North Elm Creek	OK311800-00-0170G	Beckham	supp	ins data	supp	supp
500	Crutcho Creek	OK520520-00-0070B	Oklahoma	p. supp	not supp	use na	supp
500	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	not supp	not supp	not supp	not supp
400	Shell Creek	OK520530-00-0030G	Canadian	not supp	not supp	supp	supp
500	Buggy Creek	OK520610-02-0120G	Caddo	p. supp	not supp	use na	supp
500	North Walnut Creek	OK520610-03-0010G	McClain	p. supp	ins data	use na	supp
500	North Fork Walnut Creek	OK520610-03-0080G	McClain	p. supp	not supp	use na	supp
400	Bear Creek	OK520620-01-0120G	Custer	supp	not supp	use na	supp
400	Trail Creek, Dewey Co.	OK520620-02-00090G	Dewey	supp	not supp	use na	not supp
400	Canadian River	OK520620-03-0010G	Dewey	supp	ins data	use na	not supp
400	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	supp	not supp	use na	not supp
400	Red Creek	OK520620-03-0110G	Dewey	supp	not supp	supp	not supp
400	West Beaver Creek	OK6200900-03-0260G	Logan	supp	not supp	use na	supp
400	Stillwater Creek	OK6200900-04-0270G	Payne	p. supp	ins data	use na	supp

Table 12. –continued-

Task	SiteName	WBID	County	Water Supply	Fish and Wildlife Propogation	Agriculture	Industrial and Municipal Process	Recreation	Aesthetics	LIMIT
400	Elm Creek	OK620910-02-0270G	Blaine	PPWS	WWAC	*	*	PBCR	*	
400	Otter Creek	OK620910-03-0040G	Logan	PPWS	WWAC	*	*	PBCR	*	
400	Skeleton Creek	OK620910-03-0240E	Garfield	EWS	HLAC	*	*	SBCR	*	
400	Cottonwood Creek	OK620910-04-0010G	Logan	PPWS	WWAC	2	*	PBCR	*	
400	Chisolm Creek	OK620910-04-0100G	Logan	PPWS	WWAC	*	*	PBCR	*	
400	Deer Creek	OK620910-04-0120B	Logan	PPWS	WWAC	*	*	PBCR	*	
400	Kingfisher Creek	OK620910-05-0010G	Kingfisher		WWAC	*	*	PBCR	*	
400	Trail Creek	OK620910-05-0020G	Kingfisher		WWAC	*	*	PBCR	*	
400	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	PPWS	WWAC	*	*	PBCR	*	
400	Griever Creek	OK620920-01-0130K	Major	PPWS	WWAC	*	*	PBCR	*	
400	Traders Creek	OK620920-02-0170G	Woodward	PPWS	WWAC	*	*	PBCR	*	
400	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	PPWS	WWAC	*	*	PBCR	*	
400	Cimarron River, Harper Co.	OK620930-00-0010G	Harper		WWAC	*	*	PBCR	*	
400	Spring Creek	OK621000-02-0130G	Grant		WWAC	*	*	PBCR	*	
400	Bois d'Arc Creek	OK621000-03-0010F	Kay	PPWS	WWAC	1	*	PBCR	*	
400	Turkey Creek	OK621010-01-0230G	Woods	PPWS	WWAC	*	*	PBCR	*	
400	Yellowstone Creek	OK621010-01-0270G	Woods	PPWS	WWAC	*	*	PBCR	*	
400	Sandy Creek	OK621010-02-0010G	Alfalfa	PPWS	WWAC	*	*	PBCR	*	
400	Duck Creek	OK621100-00-0030Q	Kay	PPWS	WWAC	*	*	PBCR	*	
400	Bitter Creek	OK621100-00-0100G	Kay	PPWS	WWAC	*	*	PBCR	*	
400	North Canadian River	OK720500-01-0010K	Woodward	PPWS	WWAC	3	*	PBCR	*	
400	Persimmon Creek	OK720500-01-0150G	Woodward	PPWS	WWAC	*	*	PBCR	*	
400	Beaver River	OK720500-02-0010G	Harper		WWAC	3	*	PBCR	*	
400	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	PPWS	WWAC	*	*	PBCR	*	
400	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	PPWS	WWAC	*	*	PBCR	*	
400	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	PPWS	WWAC	*	*	PBCR	*	
400	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	PPWS	WWAC	*	*	PBCR	*	
400	Palo Duro Creek	OK720500-02-0500G	Texas	PPWS	WWAC	*	*	PBCR	*	
400	Wolf Creek	OK720500-03-0010G	Woodward	PPWS	WWAC	*	*	PBCR	*	SWS
400	Buzzard Creek	OK720500-03-0080G	Ellis	PPWS	WWAC	*	*	PBCR	*	SWS
400	Corrumpa Creek	OK720510-00-0275K	Cimarron		WWAC	*	*	PBCR	*	
400	Cimarron River, East	OK720500-00-0010G	Cimarron		WWAC	*	*	PBCR	*	
400	Cimarron River, West	OK720500-00-0180G	Cimarron		WWAC	*	*	PBCR	*	
400	North Carrizo Creek	OK720500-00-0280G	Cimarron		WWAC	*	*	PBCR	*	

3.4 FINAL SCORING AND STREAM SELECTION

Results of the final scoring matrix are included below (Table 13). Nine high quality reference streams (six CGP, two SWT, and one WHP) are proposed from the conglomerate of Tasks 90 and 104 intensive sites. Again, reference candidates represent those streams with the lowest “Final Rank” (i.e., rank “1” being the best) and which are fully supporting for the Fish and Wildlife Propagation beneficial use for the parameters assessed; approximately the top ten percent for each ecoregion were

Table 13. Final Scoring Matrix Indicating Candidate Reference Streams (yellow – "good"; brown – habitat limited; blue – water quality limited).

Task	SiteName	WBID	County	E-region	FISH	MACROINV	HABITAT	WATER QUALITY	FINAL RANK (sum of weighted ranks)	Fish and Wildlife Propagation BU	Reference Status
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	1.5	1.50	3	4.08	1.91	supp.	G
104	Deer Creek	OK620910-04-0120B	Logan	CGP	1.5	2.38	2	5.88	2.34	not supp.	
090	Bitter Creek	OK310820-01-0030G	Grady	CGP	1	3.38	3	3.67	2.42	supp.	G
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	2	3.25	1	2.88	2.49	supp.	G
104	Otter Creek	OK620910-03-0040G	Logan	CGP	2.5	2.75	1	3.92	2.59	supp.	G
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	1	3.83	3	4.00	2.63	supp.	G
090	Roaring Creek	OK310810-02-0170G	Grady	CGP	1	2.92	7	3.96	2.66	supp.	G
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	3	1.63	7	1.50	2.70	supp.	H L
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	1	3.88	3	4.54	2.70	p. supp.	
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	2	3.50	3	3.00	2.80	supp.	
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	2.5	2.83	4	3.75	2.91	p. supp.	
090	Cave Creek	OK311600-02-0140G	Greer	CGP	3	2.67	4	2.58	2.93	supp.	
090	Deer Creek	OK311800-00-0070C	Greer	CGP	3.5	2.50	1	4.25	2.93	p. supp.	
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	3	2.50	7	2.00	3.10	supp.	
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	1	4.17	5	5.71	3.14	supp.	
090	Turkey Creek	OK311510-02-0060G	Beckham	CGP	4.5	2.33	2	3.38	3.27	supp.	
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	4.5	1.63	6	2.33	3.28	supp.	H L
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	3	2.92	5	4.21	3.29	supp.	
090	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	2.5	3.75	4	4.25	3.33	p. supp.	
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	3	4.00	2	3.54	3.35	supp.	
090	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	4	3.13	2	3.08	3.36	supp.	
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	4	2.00	6	3.96	3.40	supp.*	
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	1.5	5.50	2	4.08	3.41	supp.	WQ L
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	3.5	2.96	5	3.46	3.43	p. supp.	
104	Griever Creek	OK620920-01-0130K	Major	CGP	3.5	3.25	6	1.67	3.47	supp.	
090	North Walnut Creek	OK520610-03-0010G	McClain	CGP	2	3.88	8	3.21	3.47	p. supp.	
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	2.5	3.63	5	6.13	3.56	not supp.	
090	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	3.5	3.33	6	2.58	3.59	supp.	
104	Bear Creek	OK520620-01-0120G	Custer	CGP	4	2.63	7	2.75	3.63	supp.	H L
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	1	6.04	4	4.33	3.65	p. supp.	
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	4	3.63	2	4.13	3.66	supp.	
090	Buggy Creek	OK520610-02-0120G	Caddo	CGP	2.5	3.92	7	4.13	3.68	p. supp.	
104	Spring Creek	OK621000-02-0130G	Grant	CGP	2.5	3.92	7	4.33	3.70	supp.	
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	4.5	2.88	5	3.58	3.81	supp.	
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	6	1.63	5	3.08	3.86	supp.	H L
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	3.5	4.63	3	3.17	3.87	p. supp.	
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	4	4.50	2	4.29	4.03	p. supp.	
090	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	3.5	4.13	6	3.79	4.03	supp.	
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	4	4.88	6	1.79	4.33	supp.	
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	5	3.75	5	4.25	4.43	p. supp.	
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	5.5	3.50	7	4.00	4.70	supp.	
090	Washita River # 466	OK310830-03-0010G	Washita	CGP	8	2.00	5	4.13	4.91	supp.	
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	6	4.38	5	2.88	4.94	supp.	
090	Little Washita R., Grady	OK310820-02-0010B	Grady	CGP	6.5	4.25	5	2.71	5.07	p. supp.	

Task	SiteName	WBID	County	E-region	FISH	MACROINV	HABITAT	WATER QUALITY	FINAL RANK (sum of weighted ranks)	Fish and Wildlife Propagation BU	Reference Status
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	7	4.25	4	3.00	5.20	supp.	
090	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	5.5	6.50	2	4.38	5.44	p. supp.	
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	6	6.17	3	3.38	5.50	supp.	
090	Willow Creek	OK310830-06-0030H	Caddo	CGP	8	3.42	7	2.92	5.56	supp.	H L
090	Stinking Creek	OK311500-01-0050G	Jackson	CGP	4	7.17	5	6.38	5.60	not supp.	
090	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	6	7.25	3	3.17	5.92	p. supp.	
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	5.5	7.58	3	4.38	5.97	not supp.	
090	Bitter Creek	OK311600-02-0110G	Jackson	CGP	7.5	6.75	1	5.54	6.35	p. supp.	WQ L
090	Brush Creek	OK311310-03-0050G	Tillman	CGP	6.5	6.25	8	4.96	6.40	not supp.	
090	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	8	7.50	5	4.92	7.19	not supp.	
090	Winter Creek	OK310810-02-0220G	Grady	COTP	1	1.42	5	1.67	1.63	supp.	
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	1.5	3.00	1	2.46	2.15	supp.	
090	Rush Creek	OK310810-05-0010H	Garvin	COTP	3	2.00	1	2.33	2.33	supp.	
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	2.5	2.75	2	2.13	2.51	supp.	
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	2.5	3.50	1	1.88	2.69	p. supp.	
090	Dry Creek	OK311200-00-0080G	Stephens	COTP	4	2.50	3	2.92	3.19	p. supp.	
090	Laflin Creek	OK310810-02-0200G	Grady	COTP	5.5	1.63	4	2.25	3.48	supp.	
090	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	5	**	3	3.96	**	not supp.	
090	North Elm Creek	OK311800-00-0170G	Beckham	SWT	1	2.75	1	3.54	1.95	supp.	G
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	2	1.50	3	4.04	2.10	supp.*	G
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	2	1.83	4	3.42	2.28	supp.	
104	Beaver River	OK720500-02-0010G	Harper	SWT	2	1.75	6	2.17	2.32	supp.	H L
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	3	2.33	4	2.71	2.80	supp.	
104	Canadian River	OK520620-03-0010G	Dewey	SWT	1.5	3.38	7	2.33	2.88	supp.	
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	2	3.50	5	2.25	2.93	supp.	
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	2.5	3.13	3	3.96	2.95	p. supp.	
090	Fish Creek	OK311800-00-0130G	Greer	SWT	1.5	4.25	2	4.58	2.96	not supp.	WQ L
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	4.5	2.50	5	3.13	3.61	supp.	
104	Red Creek	OK520620-03-0110G	Dewey	SWT	3.5	4.38	5	1.83	3.83	supp.	
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	5.5	3.58	2	3.54	4.19	supp.	
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	5.5	5.25	4	2.71	4.97	supp.	
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	1	1.60	1	1.50	1.29	supp.	G
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	1	1.25	3	2.33	1.43	supp.	
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	2	2.75	2	1.58	2.26	p. supp.	
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	2	2.00	4	3.00	2.30	not supp.	

*not enough info for support assessment for one parameter

**insufficient data

chosen. Because the majority of the COTP ecoregion lies in the eastern half of the state, reference candidates from this project are not proposed at this time.

To facilitate robust characterization of habitat-biota and water quality-biota relationships, streams exhibiting apparent habitat or water quality limitation were also chosen. Habitat limited streams (shaded brown) reflect those sites possessing “good” water quality and corresponding macroinvertebrate ranks with poor habitat and fish ranks. Sites exhibiting good habitat but poor water quality and macroinvertebrate ranks were deemed water

quality limited (shaded blue). Such sites will be necessary to discriminate between habitat degradation and water quality impairment of sites monitored in the future (Plafkin et al. 1989) and perhaps best direct corrective implementation.

4.0 CONCLUSIONS

Due to the necessity to report results specific to Tasks 400 and 500, the COTP ecoregion is particularly depauperate in representation. The results of this project will be collated with those of similar projects and analyzed as a statewide composite. This will result in better representation and hopefully characterization of this ecoregion than the results of this project alone. Likewise, even the well-represented ecoregion, the Central Great Plains, will be represented by additional sites when the rest of the state is considered. **Because this selection of reference streams is based on a partial sample of some ecoregions, all reference stream determinations should be considered provisional. They will almost certainly change to some degree when they are ranked with additional streams.**

The screening and scoring methodology developed and implemented for this project appears to be useful. Category ranks for which streams were judged often exhibit logical and supportive congruence in magnitude. There are expected exceptions however, such as water quality limitation, when a stream with high quality habitat has a water quality problem sufficient to harm the biota. Instances such as this cause the habitat score to disagree with the scores from water quality, fish, or benthic macroinvertebrates.

The scoring matrix was designed so that categories could be sorted a number of ways to afford determination of “best of, worst of” scenarios. This affords an ability to explore and possibly better characterize habitat-biota and water quality-biota relationships. The use of ranks for final scoring was thought to afford a certain “power” to the analysis common to nonparametric designs. This may result in less discrimination between sites (i.e., less categories) but should lend more certainty to differences that are realized. This should ensure that only the best sites are considered for reference.

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Appendix B. Field Sheet and Scoring Matrix for the Abbreviated Habitat and Water Quality Assessments.

Stream Name _____ WBID _____ Legal _____ Observer(s) _____

Date _____ County _____ Lat/Long _____ Direction: Upstream Downstream

Time _____ Ecoregion _____ Start Point _____

Flow Condition
(circle one) bf se

Flow _____**c.f.s.**
(circle one) est.
mea.

Periphyton Type
(dominant & subdominant)

fil diat _____
fil green _____
B G mat _____
gel dia _____
lemanea _____
other _____

Estimated average Thalweg depth _____
Estimated maximum depth _____
Estimated % of Thalweg deeper than 0.5m _____
Estimated % of Thalweg deeper than 1.0m _____
Estimated average stream width _____

Periphyton Density
(max pp > 50% aerial coverage)

sparse _____
moderate _____
abundant _____

% of 400 meters composed of

pool _____
run _____
riffle _____

D.O. (riffle) _____ pH _____ Turb. _____ Temp. _____ Cond. _____ Alk. _____

Habitat Score

Metric
1. Instream cover..... _____
2. Pool bottom substrate..... _____
3. Pool variability..... _____
4. Canopy cover..... _____
5. Presence of Rocky, Runs & Riffles... _____
6. Flow at base elevation..... _____
7. Channel Alteration..... _____
8. Channel Sinuosity..... _____
9. Bank Stability..... _____
10. Bank Vegetative Stability..... _____
11. Dominant Vegetation..... _____

Total ..... ____

Water Quality Score

Dissolved Oxygen Score _____

Turbidity Score _____

pH Score _____

Livestock dropping Score _____

Periphyton Score _____

Land Use Score _____

Point Source Score _____

Total _____

Field Observations

Observation	Stream length
1) Oil & grease …….	_____
2) Offensive odor…….	_____
3) Unpleasant appearance – color ….	_____
4) Excessive floating debris, bottom deposits, scum, foam, trash, or other misc. junk ……..	_____
5) Excessive growths of filamentous periphyton, phytoplankton (i.e., floating mats or pea soup), and/ or macrophytes ……	_____

Other observations of significance:

Page 2 of Assessment

Dissolved Oxygen 10 points possible

<50% saturation or > 150% saturation = 0 pts _____
>50% <150% = 10 pts

Turbidity 10 points possible _____

0 - 3 NTU	10 pts
3.01 - 10	8 pts
10.01 - 20	5 pts
20.01 - 30	3 pts
30.01 - 50	1 pts
> 50	0 pts

pH 10 points possible _____

6 - 9	10 pts
9.01 - 9.5 or 5.5-5.99	5 pts
9.51 - 9.99 or 5.01 to 5.49	3 pts
10.0 or 5.0	0 pts

Livestock droppings 10 points possible _____

within	0 - 1	per 1000 m^2	10 pts
bankfull	2 - 50	per 1000 m^2	5 pts
elevation	> 50	per 1000 m^2	0 pts

Periphyton density 10 points possible _____
Sparse ..... 10 pts
Moderate ..... 5 pts
Abundant ..... 0 pts

If periphyton is dominated by Lemanea, score 10 points.
Use the thickness of the majority of periphyton.

Point Source 25 points possible _____

a no point source within 15 stream miles ..... 25 pts
b minor municipal within 10-15 stream miles ..... 20 pts
c minor municipal within 5-10 stream miles ..... 15 pts
d minor municipal within 0-5 stream miles ..... 10 pts
or
major municipal within 10-15 stream miles
e major municipal within 5-10 stream miles ..... 5 pts
f major municipal within 0-5 stream miles ..... 0 pts
industrial pt source bpj ___ pts

Land Use 10 points possible _____

a > 50% of watershed cultivated or > 10% urban ..... 0 pts
b 10-50% cultivated or 2-10% urban ..... 5 pts
c 0-10% cultivated or 0-2% urban ..... 10 pts

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	18568	2	4	05/22/00	11:30 AM	9.17	25	116	8.25	911	14.6	256	0.069	0.019	0.093	**0.112**	0.200	0.181	0.312	0.067	0.108	25.0	167.0	510	13	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	18780	9	5	06/26/00	11:00 AM	8.14	24	101	8.14		122	166	0.035	0.012	0.168	**0.180**	1.010	0.215	1.190	0.045	0.231	17.5	197.0	370	104	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	18965	1	4	07/31/00	12:00 PM	9.19	26	118	8.11	993	4.62	335	0.050			0.080	0.300	0.130	0.380	0.061	0.096	13.2	147.0	665	4	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	21347	0	4	09/05/00	11:20 AM	10.30	27	135	8.25	1272	4.2	310	0.050			0.070	0.420	0.120	0.490	0.087	0.136	28.5	21.5	507	1	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	21739	1	4	10/09/00	12:10 PM	11.59	9	104	8.31	1310	3	379	0.050			0.050	0.120	0.100	0.170	0.052	0.111	22.8	171.8	554	1	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	21952	12	5	11/13/00	3:10 PM	11.21	8	99	8.18	713	31.7	202	0.090			0.360	0.490	0.450	0.850	0.073	0.106	8.3	130.0	374	34	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	22091	11	5	12/18/00	2:30 PM	13.31	5	109	8.4	470	74.1	254	0.050			0.150	0.540	0.200	0.690	0.005	0.112	5.8	130.0	496	80	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	22444	34	6	01/30/01	10:45 AM	13.84	5	113	8.28	724	112	212	0.060			0.280	0.890	0.340	1.170	0.069	0.168	9.2	90.6	322	205	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	22643	22	5	03/05/01	3:15 PM	10.69	13	106	8.01	789	26.2	165	0.050			0.230	0.490	0.280	0.720	0.040	0.084	8.9	163.0	434	32	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	22850	13	4	04/09/01	4:00 PM	10.21	25	129	8.07	961	10.4	141	0.050			0.070		0.120		0.014	0.069	8.5	62.9	511	44	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	22939	9		05/14/01	3:00 PM	8.30	27	109	7.82	1111	45.8	161	0.050			0.800		0.850		0.049	0.113	10.7	25.9	352	68	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	23066	5	3	06/18/01	2:15 PM	11.66	28	155	8.15	836	12.1	243	0.050			0.270		0.320		0.053	0.065	14.9	194.0	443	19	DEQ
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	23295	1	3	07/23/01	1:30 PM	12.36	32	177	7.9	870	4.66	336	0.015	0.010	0.560	**0.570**	0.560	0.585	1.130	0.104	0.216	20.9	199.6	435	4	AG LAB
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	24024	1	3	08/27/01	2:00 PM	14.54	29	197	7.71	764	7.8	268	0.182	0.010	0.480	**0.490**	0.806	0.672	1.296	0.086	0.127	20.4	214.7	472	15	AG LAB
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	24338	0	3	10/01/01	1:00 PM	9.44	17	102	8.34	844	4.97	334	0.020	0.450	0.560	**1.010**	0.351	1.030	1.361	0.038	0.070	19.7	239.0	494	10	AG LAB
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	24433	0	3	11/05/01	1:30 PM	10.76	18	118	7.93	1330	10.8	287	0.178	0.460	0.480	**0.940**	0.671	1.118	1.611	0.084	0.116	16.6	224.4	527	10	AG LAB
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	24587	6	4	12/17/01	2:00 PM	12.04	9	108	8.02	1401	25.3	221	0.263	0.010	0.920	**0.930**	1.047	1.193	1.977	0.090	0.150	13.5	232.7	501	14	AG LAB
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	24761	4	3	01/22/02	1:30 PM	12.49	11	118	6.28	1654	9.09	263	0.069	0.010	0.580	**0.590**	0.529	0.659	1.119	0.012	0.049	14.9	218.2	536	13	AG LAB
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	24894	0	4	02/25/02	1:30 PM	14.58	8	128	8.34		3.23	259	0.146	0.010	0.470	**0.480**	0.362	0.626	0.842	0.021	0.035	14.5	221.6	515	10	AG LAB
90	Roaring Creek	OK310810-02-0170G	Grady	CGP	25046		4	04/01/02	1:45 PM	15.79	21	185	8.58	952	4.76	236	0.145	0.010	0.540	**0.550**	0.512	0.695	1.062	0.043	0.074	13.3	221.4	468	10	AG LAB
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	18566	3	4	05/22/00	9:00 AM	6.78	22	81	8.27	826	11.6	303	0.012	0.009	0.010	**0.019**	0.210	0.031	0.229	0.043	0.074	25.0	143.0	580	7	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	18779	6	4	06/26/00	9:00 AM	6.13	25	77	8.16		50.9	265	0.057	0.008	0.128	**0.136**	0.490	0.193	0.626	0.122	0.246	20.0	107.0	400	58	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	18963	3	4	07/31/00	8:30 AM	5.34	24	66	8.16	909	6.03	352	0.070			0.050	0.220	0.120	0.270	0.066	0.102	11.3	119.0	586	6	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	21349	0	4	09/05/00	8:45 AM	4.59	25	58	8.33	1130	2.81	388	0.050			0.050	0.320	0.100	0.370	0.073	0.107	14.6	7.4	785	1	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	21737	2	3	10/09/00	8:20 AM	9.77	7	84	8.53	1103	2.12	389	0.120			0.050	0.210	0.170	0.260	0.113	0.178	12.8	112.0	331	32	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	21949	24	5	11/13/00	10:00 AM	11.92	5	97	8.28	773	43.7	273	0.050			0.450	0.310	0.500	0.760	0.074	0.111	6.4	70.0	383	46	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	22088	23	5	12/18/00	9:30 AM	13.21	1	97	8.34	505	10.4	333	0.050			0.320	0.200	0.370	0.520	0.005	0.050	6.0	89.3	566	9	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	22527	571	7	01/29/01	9:15 AM	12.62	4	100	8.2	494			0.600			0.570	4.800	1.170	5.370	0.766	0.905	10.4	91.1	302	2240	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	22640	55	5	03/05/01	10:15 AM	10.64	8	94	8.36	1208	36.6	333	0.050			0.440	0.370	0.490	0.810	0.048	0.077	8.0	70.6	390	34	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	22847	30	4	04/09/01	11:45 AM	9.79	21	115	7.96	920	19.7	348	0.050			0.190		0.240		0.021	0.099	7.8	189.0	450	52	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	22936	18	3	05/14/01	10:30 AM	7.54	22	90	7.93	1111	28.1	344	0.080			0.430		0.510		0.069	0.127	12.0	108.0	472	22	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	23063	11	3	06/18/01	10:10 AM	8.15	23	99	7.97	819	8.92	318	0.050			0.140		0.190		0.032	0.051	16.5	119.0	437	9	DEQ
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	23292	4	3	07/23/01	9:40 AM	6.21	27	81	7.81	739	12.9	217	0.015	0.010	0.440	**0.450**	0.470	0.465	0.920	0.096	0.099	16.6	149.4	372	14	AG LAB
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	24021	9	4	08/27/01	9:45 AM	4.74	24	59	7.4	657	177	144	0.364	0.010	0.800	**0.810**	1.027	1.174	1.837	0.327	0.219	8.3	84.7	238	147	AG LAB
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	24335	0	2	10/01/01	10:00 AM	7.86	16	83	8.46	861	8.46	374	0.038	0.010	0.530	**0.540**	0.420	0.578	0.960	0.009	0.068	15.6	144.0	483	10	AG LAB
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	24430	0	2	11/05/01	9:40 AM	6.93	17	75	8.17	1393	8.56	363	0.082	0.010	0.520	**0.530**	0.383	0.612	0.913	0.064	0.085	15.9	146.4	531	10	AG LAB
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	24584	10	5	12/17/01	10:10 AM	9.19	7	79	8.18	14.24	27.1	364	1.134	0.010	1.820	**1.830**	2.351	2.964	4.181	0.210	0.318	17.1	121.1	474	17	AG LAB
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	24758	0	4	01/22/02	9:30 AM	8.66	6	73	6.31	1436	5.37	349	0.015	0.010	0.440	**0.450**	0.186	0.465	0.636	0.005	0.033	15.5	146.2	489	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	24891	0	4	02/25/02	9:30 AM	8.75	7	75	8.09	1326	3.84	345	0.058	0.010	0.010	**0.020**	0.299	0.078	0.319	0.032	0.050	15.8	135.0	268	10	AG LAB
90	Bitter Creek	OK310820-01-0030G	Grady	CGP	25043	0	4	04/01/02	9:30 AM	7.29	14	74	8.24	1054	4.85	345	0.026	0.010	0.010	**0.020**	0.070	0.046	0.090	0.062	0.079	16.2	154.9	515	10	AG LAB
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	18567	8	4	05/22/00	10:30 AM	9.63	24	119	8.19	1858	6.63	172	0.036	0.012	0.400	**0.412**	0.450	0.448	0.862	0.011	0.061	90.0	806.0	1160	9	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	18781	18	4	06/26/00	10:15 AM	7.63	24	95	8.28		67.9	222	0.043	0.016	0.680	**0.696**	0.710	0.739	1.406	0.052	0.231	57.5	1110.0	1170	21	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	18964	15	4	07/31/00	10:30 AM	8.66	24	107	8.06	1683	4.19	154	0.050			0.090	0.220	0.140	0.310	0.012	0.052	127.0	396.0	715	12	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	21348	3	3	09/05/00	10:15 AM	8.34	25	105	7.84	2.95	2.14	103	0.050			0.050	0.230	0.100	0.280	0.013	0.036	34.7	17.4	1307	1	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	21738	4	4	10/09/00	10:40 AM	12.52	6	105	8.23	2.13	2.32	171	0.050			0.050	0.230	0.100	0.280	0.012	0.035	27.9	1035.0	1186	1	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	21977	47	5	11/14/00	4:20 PM	11.58	7	99	8.13	1318	39.1	212	0.120			1.110	0.640	1.230	1.750	0.058	0.146	65.1	958.0	1531	70	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	22104	50	5	12/19/00	3:30 PM	13.17	4	105	8.26	772	32.6	217	0.050			1.060	0.630	1.110	1.690	0.005	0.115	71.6	545.0	1034	74	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	22418	101	6	01/31/01	4:00 PM	11.17	8	98	8.16	785	89.2	219	0.070			1.010	0.760	1.080	1.770	0.056	0.258	68.8	632.0	936	196	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	22661	89	4	03/06/01	3:45 PM	10.55	14	107	8.09	1370	55.1	224	0.050			1.000	0.640	1.050	1.640	0.049	0.168	61.5	782.0	1044	152	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	25053	22	4	04/02/01	1:45 PM	10.06	17	109	8.24	1964	12	156	0.059	0.010	0.880	**0.890**	0.581	0.949	1.471	0.049	0.107	89.2	1173.0	1399	15	AG LAB
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	22860	55	4	04/10/01	4:20 PM	8.89	23	108	8.03	1623	33.7	199	0.050			0.690		0.740		0.022	0.139	73.2	827.0	1163	128	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	22959	28	3	05/15/01	4:10 PM	7.77	30	107	7.92	2203	42.5	193	0.050			0.790		0.840		0.050	0.143	72.7	891.0	1106	95	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	23073	22	3	06/19/01	3:30 PM	8.21	33	119	8.07	1075	19.1	184	0.050			0.460		0.510		0.015	0.091	57.2	941.0	1061	31	DEQ
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	23302	7	3	07/24/01	1:45 PM	9.43	37	146	8.01	973	3.89	130	0.033	0.010	0.450	**0.460**	0.490	0.493	0.950	0.023	0.005	35.8	1020.0	1227	5	AG LAB
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	24031	11	3	08/28/01	2:00 PM	9.31	33	135	7.89	870	7.29	131	0.258	0.010	0.710	**0.720**	0.701	0.978	1.421	0.078	0.057	39.7	929.8	1111	8	AG LAB
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	24345	8	3	10/02/01	1:30 PM	11.72	23	143	8.41	1130	4.07		0.015	0.010	0.540	**0.550**	0.317	0.565	0.867	0.005	0.013	35.9	951.0	1171	10	AG LAB
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	24440	15	3	11/06/01	1:30 PM	9.49	20	109	7.98	1757	12	189	0.153	0.010	0.510	**0.520**	0.485	0.673	1.005	0.014	0.080	108.1	801.5	1124	15	AG LAB
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	24594	27	3	12/18/01	1:20 PM	12.11	9	109	7.97	2555	24.8	201	0.114	0.010	1.110	**1.120**	0.766	1.234	1.886	0.059	0.114	132.4	760.3	1104	38	AG LAB
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	24768	28	3	01/23/02	12:15 PM	0.58	10	5	5.85	2343	25.8	174	0.120	0.010	0.880	**0.890**	0.565	1.010	1.455	0.010	0.053	112.0	717.0	1085	38	AG LAB
90	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	CGP	24901	14	3	02/26/02	2:00 PM	12.92	5	106	8	2477	9.22	178	0.121	0.010	0.610	**0.620**	0.458	0.741	1.078	0.021	0.032	106.1	877.3	1119	13	AG LAB
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	18788	0	2	06/27/00	9:00 AM	5.44	23	67	7.85		21.4	192	0.064	0.014	0.610	**0.624**	0.490	0.688	1.114	0.071	0.130	80.0	760.0	920	83	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	18980	1	4	08/01/00	2:00 PM	6.43	24	81	7.61	2200	11	196	0.050			0.400	0.490	0.450	0.890	0.038	0.082	21.6	834.0	1287	18	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	21352	0	4	09/06/00	10:30 AM	4.40	24	55	7.3	2.29	8.06	164	0.070			0.320	0.380	0.390	0.700	0.036	0.075	5.0	14.6	1526	8	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	21774	0	3	10/10/00	1:30 PM	11.16	10	104	7.88	2.56	2.1	171	0.050			0.710	0.210	0.760	0.920	0.007	0.048	8.0	783.0	1603	5	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	21976	16	5	11/14/00	2:00 PM	11.82	8	105	8	1104	5.14	193	0.050			2.620	0.490	2.670	3.110	0.032	0.071	24.3	1159.0	1800	14	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	22103	8	4	12/19/00	2:15 PM	13.96	4	112	8.15	677	4.1	190	0.050			3.130	0.630	3.180	3.760	0.005	0.038	27.2	877.0	1465	11	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	22419	18	5	02/01/01	10:15 AM	12.50	5	103	8.02	1180	10.4	196	0.050			3.630	0.670	3.680	4.300	0.014	0.059	34.3	1020.0	1405	27	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	22660	15	4	03/06/01	2:10 PM	11.38	12	111	8	1354	11.4	204	0.050			3.160	0.440	3.210	3.600	0.014	0.054	31.4	1191.0	1548	32	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	22859	11	4	04/10/01	2:45 PM	10.81	20	126	7.91	1653	7.98	189	0.050			2.470		2.520		0.006	0.031	32.2	1292.0	1643	38	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	22958	7	3	05/15/01	3:00 PM	7.44	25	95	7.88	2249	22.6	211	0.060			1.950		2.010		0.026	0.075	36.3	1287.0	1498	48	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	23072	5	3	06/19/01	2:20 PM	9.49	26	124	7.94	1060	14.7	173	0.050			1.510		1.560		0.014	0.070	24.8	1327.0	1383	25	DEQ
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	23301	2	3	07/24/01	12:30 PM	9.39	28	127	7.8	909	15.7	148	0.064	0.480	1.420	**1.900**	0.720	1.964	2.620	0.054	0.092	15.7	1416.5	1682	8	AG LAB
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	24030	2	4	08/28/01	12:15 PM	7.86	22	95	7.68	886	32.5	128	0.381	0.010	1.190	**1.200**	1.079	1.581	2.279	0.117	0.130	75.8	1289.8	1482	34	AG LAB
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	24344	1	3	10/02/01	12:15 PM	8.95	15	94		1258	8.55	143	0.083	0.010	1.680	**1.690**	0.616	1.773	2.306	0.012	0.042	49.0	196.0	305	10	AG LAB
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	24439	2	4	11/06/01	12:15 PM	9.62	15	101	7.59	18	39.1	164	0.188	0.010	0.870	**0.880**	0.471	1.068	1.351	0.005	0.112	84.9	1323.5	1648	10	AG LAB
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	24593	3	3	12/18/01	11:50 AM	7.79	6	66	7.66	2969	3.91	174	0.115	0.010	1.360	**1.370**	0.454	1.485	1.824	0.049	0.069	98.8	1184.8	1483	16	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	24767	0	4	01/23/02	11:15 AM	10.55	7	92	5.78	3082	6.56	183	0.078	0.010	1.380	**1.390**	0.354	1.468	1.744	0.005	0.014	88.0	1124.5	1599	12	AG LAB
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	24900	0	3	02/26/02	12:45 PM	13.42	3	105	8.08	2991	1.44	142	0.111	0.010	1.080	**1.090**	0.338	1.201	1.428	0.008	0.016	97.6	1202.5	1541	10	AG LAB
90	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	CGP	25052	0	4	04/02/02	12:30 PM	8.31	16	89	7.36	2539	12.6		0.031	0.010	0.580	**0.590**	0.414	0.621	1.004	0.008	0.057	95.9	775.8	986	23	AG LAB
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	18573	119	5	05/22/00	10:30 AM	8.01	23	99	8	2770	18.2	232	0.180	0.018	0.970	**0.988**	0.930	1.168	1.918	0.041	0.171	50.0	1360.0	1550	49	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	18962	83	4	07/31/00	9:40 AM	8.05	24	101	8.05	2193	59.9	196	0.150			0.180	0.730	0.330	0.910	0.012	0.184	60.7	905.0	1363	14	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	21336	34	4	09/05/00	10:00 AM	7.69	25	98	8.2	1795	8.58	210	0.100			0.190	0.630	0.290	0.820	0.240	0.391	110.0	5.0	1885	4	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	21751	20	4	10/09/00	12:05 PM	11.99	8	107	8.09	2.9	6.04	191	0.080			1.240	0.380	1.320	1.620	0.390	0.423	142.0	775.0	1926	22	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	21957	56	5	11/13/00	11:45 AM	9.22	5	76	7.83	2.67	67.2	99	0.090			2.070	0.640	2.160	2.710	0.213	0.268	57.5	1105.0	2480	50	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	22137	29	5	12/18/00	11:30 AM	13.61	2	104	7.86	2.7	45.2	211	0.090			2.460	0.820	2.550	3.280	0.106	0.190	46.9	854.0	1793	44	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	22420	244	6	02/01/01	12:30 PM	12.47	4	100	8.19	1199	46.2	161	0.050			0.990	0.700	1.040	1.690	0.038	0.166	59.2	1122.0	1386	100	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	22628		7	03/05/01	11:30 AM	9.07	8	81	8.25	2164	84.3	183	0.060			0.960	0.830	1.020	1.790	0.028	0.283	49.9	1159.0	1352	126	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	22812	0	4	04/09/01	10:15 AM	8.16	18	91	8.07	2377	47	128	0.050			0.720		0.770		0.055	0.185	36.7	1223.0	1474	80	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	22944	60	6	05/14/01	10:50 AM	7.51	22	91	8.1	1956	233	162	0.060			2.100		2.160		0.183	0.270	48.9	457.0	763	34	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	23089	1074	7	06/18/01	11:15 AM	6.94	26	90	6.87	1887	133	180	0.050			0.330		0.380		0.062	0.337	50.4	1215.0	1083	388	DEQ
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	23305	74	4	07/23/01	11:45 AM	10.05	29	138	8.14	2278	8.46	87	0.015	0.010	0.600	**0.610**	1.060	0.625	1.670	0.057	0.045	61.1	1193.5	1437	66	AG LAB
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	23312	22	4	07/24/01	9:30 AM	6.54	26	85	7.85	1959	4.8	220	0.044	0.010	0.630	**0.640**	0.640	0.684	1.280	0.081	0.099	34.1	878.5	1146	7	AG LAB
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	24010	30	4	08/27/01	11:00 AM	7.62	24	96	7.98	2350	11.9	191	0.212	0.010	1.060	**1.070**	0.723	1.282	1.793	0.180	0.250	65.6	1164.0	1467	32	AG LAB
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	24324	36	3	10/01/01	1:15 PM	12.73	21	151	8.28	2357	4.88	199	0.115	0.010	1.060	**1.070**	0.658	1.185	1.728	0.064	0.108	56.1	1445.0	1546	13	AG LAB
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	24455	18	4	11/05/01	11:20 AM	6.88	16	74	7.83	1776	29.1	136	0.205	0.010	0.900	**0.910**	0.621	1.115	1.531	0.024	0.034	37.2	1001.8	1306	30	AG LAB
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	24608	14	4	12/17/01	11:30 AM	12.77	6	108	7.59	1774	3.59	201	0.184	0.010	2.030	**2.040**	0.380	2.224	2.420	0.195	0.230	54.8	1250.0	1646	10	AG LAB
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	24771	38	5	01/22/02	11:00 AM	13.45	4	108	8.26	2698	4.17	187	0.081	0.010	1.850	**1.860**	0.447	1.941	2.307	0.096	0.124	56.5	1277.0	1742	10	AG LAB
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	24880	49	4	02/25/02	10:45 AM	12.32	8	110	8.04	2700	4.39	169	0.175	0.010	1.320	**1.330**	0.608	1.505	1.938	0.140	0.157	64.9	1381.5	1759	10	AG LAB
90	Washita River # 466	OK310830-03-0010G	Washita	CGP	25022	52	4	04/01/02	11:40 AM	10.92	17	119	6.86	2325	4.11	182	0.129	0.220	0.930	**1.150**	0.566	1.279	1.716	0.097	0.139	57.2	1379.5	1544	10	AG LAB
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	18572	28	4	05/22/00	12:30 PM	9.66	25	124	7.98	2104	5.96	253	0.130	0.020	0.900	**0.920**	0.350	1.050	1.270	0.025	0.077	37.5	964.0	1165	21	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	18751	347	7	06/26/00	9:50 AM	7.50	25	96	8.08	2407	233	136	0.067	0.018	0.660	**0.678**	1.270	0.745	1.948	0.139	0.704	55.0	1180.0	1280	291	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	18752	76	6	06/26/00	12:30 PM	7.25	24	91	8.07	2200	166	164	0.031	0.012	0.530	**0.542**	0.800	0.573	1.342	0.040	0.303	55.0	1040.0	1140	162	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	19106	20	4	07/31/00	11:00 AM	7.65	24	96	7.97	1774	2.88	220	0.050			0.550	0.340	0.600	0.890	0.005	0.039	19.1	530.0	808	14	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	21644	10	4	09/05/00	11:50 AM	10.15	26	133	8.15	1762	3.21	187	0.050			0.120	0.410	0.170	0.530	0.012	0.048	40.3	17.8	1799	10	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	21752	10	4	10/09/00	1:30 PM	11.42	11	110	8.12	2.5	12.6	164	0.050			0.850	0.310	0.900	1.160	0.022	0.028	46.8	765.0	1636	7	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	21958	7	5	11/13/00	1:15 PM	9.42	6	80	8.04	2.16	21.3	248	0.100			1.430	0.420	1.530	1.850	0.096	0.136	32.3	784.0	2079	10	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	22139	13		12/18/00	2:15 PM	14.59	4	118	8.03	2	26.5	196	0.050			1.360	0.290	1.410	1.650	0.060	0.099	24.5	630.0	1173	18	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	22422	161	6	02/01/01	2:30 PM	13.16	4	106	8.31	1212	23.2	139	0.050			0.210	0.600	0.260	0.810	0.021	0.183	55.0	971.0	1195	54	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	22629	110	5	03/05/01	12:30 PM	11.63	7	101	8.32	2099	31.7	152	0.060			0.280	0.550	0.340	0.830	0.033	0.127	48.5	1017.0	1133	92	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	22813	177	4	04/09/01	11:30 AM	8.97	16	96	8.13	2142	27.8	125	0.050			0.210		0.260		0.019	0.103	44.2	1058.0	1336	84	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	22965	900	6	05/15/01	10:30 AM	7.80	19	89	7.95	2078	147	148	0.060			0.160		0.220		0.073	0.404	55.7	1043.0	1255	368	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	23096	452	6	06/19/01	9:30 AM	7.12	23	88	7.3	2001	60.4	147	0.050			0.250		0.300		0.031	0.270	52.4	1256.0	1056	244	DEQ
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	24012	12	4	08/27/01	1:15 PM	10.95	27	146	8.08	1984	2.93	163	0.102	0.010	0.850	**0.860**	0.528	0.962	1.388	0.027	0.072	33.2	1035.0	1225	8	AG LAB
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	24326	16	4	10/01/01	5:00 PM	3.30	21	39	8.19	1984	4.43	225	0.077	0.010	0.820	**0.830**	0.542	0.907	1.372	0.005	0.010	35.2	1068.7	1223	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	24457	13	5	11/05/01	1:30 PM	10.65	18	119	7.38	1892	13.8	141	0.226	0.010	0.880	**0.890**	0.656	1.116	1.546	0.028	0.029	37.3	1013.8	1320	10	AG LAB
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	24610	11	4	12/17/01	2:05 PM	12.43	8	111	7.57	1515	15.4	212	0.146	0.010	1.540	**1.550**	0.335	1.696	1.885	0.086	0.108	35.9	972.0	1297	10	AG LAB
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	24773	12	4	01/22/02	1:30 PM	11.29	8	101	8.31	2112	5.84	200	0.065	0.010	1.150	**1.160**	0.418	1.225	1.578	0.010	0.051	35.5	959.0	1298	10	AG LAB
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	24887	11	4	02/26/02	10:15 AM	13.73	1	102	6.57	2078	10.3	228	0.212	0.010	1.170	**1.180**	0.573	1.392	1.753	0.064	0.106	37.9	994.0	1336	16	AG LAB
104	Washita River # 145	OK310830-03-0010P	Custer	CGP	25023	14	4	04/01/02	1:15 PM	16.13	19	184	7.34	1910	5.9	219	0.165	0.010	0.970	**0.980**	0.655	1.145	1.635	0.082	0.129	39.8	1058.5	1254	14	AG LAB
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	18586	11	4	05/22/00	8:40 AM	6.01	20	70	7.95	2983	6.51	188	0.120	0.019	0.510	**0.529**	0.680	0.649	1.209	0.013	0.081	25.0	1640.0	1760	24	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	18750	13	5	06/26/00	8:40 AM	5.74	24	72	7.61	2431	40.4	151	0.073	0.025	0.500	**0.525**	0.760	0.598	1.285	0.067	0.207	25.0	1281.0	1360	112	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	19105	2	4	07/31/00	8:30 AM	5.67	21	67	7.74	2014	19.2	199	0.050			0.470	0.360	0.520	0.830	0.054	0.144	5.0	1119.0	1877	18	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	21335	1	4	09/05/00	9:00 AM	4.89	25	63	7.72	1542	20.6	196	0.130			0.310	0.500	0.440	0.810	0.041	0.099	16.1	9.1	2438	20	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	21750	2	4	10/09/00	11:00 AM	10.94	7	95	8.06	2.9	25.1	167	0.050			0.560	0.470	0.610	1.030	0.015	0.023	20.8	900.0	2460	1	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	21956	13	5	11/13/00	10:30 AM	8.65	5	72	7.91	2.72	41.3	181	0.110			0.500	0.420	0.610	0.920	0.058	0.095	21.8	1244.0	2475	10	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	22138	6	4	12/18/00	1:00 PM	14.59	3	115	7.87	2.8	26.7	166	0.050			0.460	0.480	0.510	0.940	0.005	0.073	17.6	979.0	2069	12	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	22393	20	5	01/29/01	12:45 PM	11.82	4	95	8.09	2.95	21	191	0.140			0.600	0.770	0.740	1.370	0.039	0.107	24.8	1247.0	1733	32	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	22630	25	6	03/05/01	1:30 PM	11.13	9	102	8.21	2127	17.2	161	0.130			0.660	0.580	0.790	1.240	0.021	0.095	19.7	1081.0	1281	5	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	22814	16	4	04/09/01	12:30 PM	9.45	21	112	8.05	2642	19.2		0.050			0.260		0.310		0.014	0.087	23.5	1488.0	1732	68	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	22966	12	5	05/15/01	12:00 PM	7.84	23	97	7.97	2548	42.7	161	0.070			0.510		0.580		0.005	0.212	25.1	1474.0	1642	122	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	23097	13	5	06/19/01	10:30 AM	7.84	24	99	7.38	1697	25.6	176	0.050			0.250		0.300		0.041	0.144	13.1	1048.0	973	44	DEQ
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	23313	4	4	07/24/01	10:45 AM	7.56	27	101	7.25	2036	22.9	145	0.028	0.520	0.580	**1.100**	1.240	1.128	2.340	0.136	0.112	17.6	1109.5	1169	30	AG LAB
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	24011	2	3	08/27/01	12:30 PM	10.17	25	130	8	2617	26.2	143	0.135	0.010	0.590	**0.600**	0.959	0.735	1.559	0.038	0.139	22.5	1624.0	1868	41	AG LAB
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	24325	1	3	10/01/01	4:00 PM	10.86	19	124	7.84	2644	11.4	197	0.082	0.350	0.720	**1.070**	0.484	1.152	1.554	0.013	0.033	24.5	1655.0	1844	15	AG LAB
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	24456	1	5	11/05/01	12:20 PM	6.57	16	71	7.34	2467	55.4	162	0.109	0.010	0.610	**0.620**	0.611	0.729	1.231	0.058	0.040	22.8	1641.0	2101	15	AG LAB
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	24609	2	4	12/17/01	1:00 PM	6.84	7	60	7.48	1935	17.5	128	0.117	0.010	0.840	**0.850**	0.177	0.967	1.027	0.021	0.037	23.5	1511.0	1697	10	AG LAB
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	24772	4	4	01/22/02	12:00 PM	14.01	5	116	8.25	2867	2.68	153	0.026	0.010	0.660	**0.670**	0.284	0.696	0.954	0.005	0.011	24.2	1514.0	2024	10	AG LAB
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	24888	3	4	02/26/02	11:45 AM	12.59	3	99	7.7	2864	6.44	172	0.108	0.010	0.600	**0.610**	0.331	0.718	0.941	0.008	0.027	25.7	1644.0	2050	12	AG LAB
104	Beaver Creek	OK310830-03-0190G	Custer	CGP	25030	4	4	04/02/02	2:20 PM	10.18	14	105	8.11	2850	14.9	175	0.131	0.010	0.650	**0.660**	0.520	0.791	1.180	0.034	0.055	25.5	1704.5	1873	24	AG LAB
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	18588	6	4	05/22/00	2:30 PM	10.54	24	134	8.19	3243	12	168	0.050	0.011	0.270	**0.281**	0.480	0.331	0.761	0.011	0.086	50.0	1920.0	2000	35	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	18753	12	5	06/26/00	2:30 PM	6.93	23	86	7.89	3000	105	154	0.048	0.013	0.340	**0.353**	1.170	0.401	1.523	0.042	0.273	40.0	1742.0	1740	136	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	19107	1	4	07/31/00	12:50 PM	9.02	24	115	7.87	2276	2.85	210	0.050			0.280	0.430	0.330	0.710	0.005	0.037	39.6	1293.0	2662	10	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	21645	0	3	09/05/00	1:10 PM	12.36	25	160	8.35	1913	2.92	250	0.050			0.450	0.540	0.500	0.990	0.011	0.050	17.3	9.4	3934	8	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	21753	0	3	10/09/00	2:50 PM	11.70	8	106	8.06	3.7	3.64	242	0.080			0.700	0.460	0.780	1.160	0.017	0.035	23.5	948.0	3993	6	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	21960	3		11/13/00	4:10 PM	9.21	6	79	7.95	3.39	12.7	201	0.150			0.470	0.560	0.620	1.030	0.041	0.058	26.8	1850.0	3068	2	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	22140	1	4	12/18/00	3:45 PM	13.54	3	108	7.92	3.2	20.5	196	0.050			0.400	0.340	0.450	0.740	0.014	0.050	19.3	1092.0	2767	18	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	22412	7	5	01/30/01	9:45 AM	12.51	2	97	8.12	3.6	6.81	204	0.050			0.390	0.580	0.440	0.970	0.013	0.046	26.1	1586.0	2194	14	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	22631	3	4	03/05/01	3:00 PM	10.86	10	103	8.1	3061	10.1	204	0.100			0.410	0.510	0.510	0.920	0.021	0.045	27.5	1792.0	2097	30	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	22815	5	4	04/09/01	1:45 PM	11.04	20	130	8.08	3061	13.4	168	0.050			0.220		0.270		0.018	0.053	22.4	1779.0	2174	50	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	22964	10	5	05/15/01	9:00 AM	7.20	21	86	7.79	2522	54.9	154	0.080			0.220		0.300		0.040	0.174	42.4	1510.0	1759	121	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	23095	3	4	06/19/01	8:15 AM	7.29	22	89	7.3	2967	6.87	156	0.050			0.140		0.190		0.014	0.040	25.4	2121.0	1313	20	DEQ
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	23311	0	4	07/24/01	8:30 AM	6.07	24	77	7.7	3385	2.56	224	0.053	0.010	0.620	**0.630**	0.690	0.683	1.320	0.027	0.030	28.2	2146.5	2426	6	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	24013	0	3	08/27/01	2:15 PM	10.43	25	135	8.09	3402	2.39	194	0.212	0.010	0.730	**0.740**	0.591	0.952	1.331	0.034	0.073	25.8	2057.0	2857	2	AG LAB
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	24327	0	3	10/01/01	7:00 PM		17	0	7.99	3366	1.37	222	0.095	0.010	0.610	**0.620**	0.486	0.715	1.106	0.005	0.005	31.5	2095.5	2442	10	AG LAB
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	24458	0	4	11/05/01	3:00 PM	9.35	17	104	7.4	3007	4.54	189	0.157	0.010	0.010	**0.020**	0.538	0.177	0.558	0.010	0.010	28.1	2181.0	2632	10	AG LAB
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	24611	1	4	12/17/01	3:20 PM	13.21	6	114	7.61	2297	11.8	169	0.145	0.010	0.620	**0.630**	0.208	0.775	0.838	0.013	0.035	25.8	2009.0	2484	10	AG LAB
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	24774	1	4	01/22/02	2:45 PM	13.97	6	120	8.37	3331	4.2	173	0.069	0.010	0.500	**0.510**	0.417	0.579	0.927	0.005	0.006	25.8	2059.5	2611	10	AG LAB
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	24886	3	4	02/26/02	8:45 AM	12.96	0	95	8.08	3284	2.12	182	0.122	0.010	0.010	**0.020**	0.570	0.142	0.590	0.005	0.014	28.3	2024.0	2599	10	AG LAB
104	West Barnitz Creek	OK310830-03-0230G	Custer	CGP	25025	2	4	04/01/02	4:00 PM	12.20	20	144	8.21	2904	3.2	165	0.121	0.010	0.520	**0.530**	0.517	0.651	1.047	0.005	0.017	25.7	1991.0	2113	10	AG LAB
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	18565	2	3	05/16/00	3:00 PM	9.61	23	118	8.11	402	17	169	0.012	0.036	0.930	**0.966**	0.550	0.978	1.516	0.050	0.109	15.0	55.0	300	21	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	19227	4	5	06/20/00	2:00 PM	7.56	26	98	8		253		0.146	0.036	0.690	**0.726**	0.940	0.872	1.666	0.082	0.338	10.0	14.7	200	217	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	18956	2	4	07/25/00	8:00 AM	7.26	23	89		503	37.1	195	0.100			0.690	0.410	0.790	1.100	0.101	0.178	5.0	42.8	231	396	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	21333	1	3	08/29/00	8:00 AM	9.38	24	117		420	14.9	165	0.050			0.240	0.390	0.290	0.630	0.049	0.082	5.0	36.9	204	19	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	21410	1	3	10/03/00	10:00 AM	8.46	20	98	8.13	483	9.25	176	0.050			0.520	0.230	0.570	0.750	0.023	0.079	5.0	33.4	216	4	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	21971	1	5	11/14/00	3:30 PM	12.95	7	112	8.18	523	20.4	154	0.050			1.230	0.270	1.280	1.500	0.037	0.042	6.5	43.4	251	12	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	22136	1	4	12/18/00	10:15 AM	12.94	3	101	7.9	524	12.8	179	0.050			1.280	0.170	1.330	1.450	0.018	0.081	5.0	34.6	258	7	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	22391	6	5	01/29/01	10:15 AM	10.86	5	90	8.13	617	39.1	199	0.140			0.980	0.640	1.120	1.620	0.066	0.082	6.3	46.1	261	52	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	22627	1	4	03/05/01	10:15 AM	11.32	7	98	8.16	559	11.7	243	0.090			1.250	0.290	1.340	1.540	0.079	0.094	7.7	56.8	280	18	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	22811	2	4	04/09/01	9:15 AM	8.27	18	92	7.94	572	14	179	0.050			0.720		0.770		0.039	0.131	7.1	78.2	287	36	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	22943	2	4	05/14/01	9:45 AM	7.81	21	92	7.95	494	15.1	188	0.070			0.450		0.520		0.163	0.440	47.1	1145.0	1235	294	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	23088	2	4	06/18/01	10:15 AM	8.07	22	97	7.04	536	29.8	222	0.050			0.750		0.800		0.084	0.159	7.6	40.3	243	34	DEQ
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	23304	1	4	07/23/01	10:45 AM	7.18	27	95	7.91	449	14.7	176	0.067	0.010	0.780	**0.790**	0.600	0.857	1.390	0.132	0.107	6.8	42.8	205	20	AG LAB
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	24009	1	4	08/27/01	10:00 AM	6.77	23	83	8.02	469.4	16	142	0.195	0.010	0.890	**0.900**	0.394	1.095	1.294	0.071	0.108	6.5	42.0	214	18	AG LAB
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	24323	1	3	10/01/01	11:45 AM	6.79	15	71	7.9	457.5	11.3	212	0.135	0.010	1.130	**1.140**	0.301	1.275	1.441	0.010	0.028	6.3	42.9	225	10	AG LAB
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	24454	1	3	11/05/01	9:45 AM	6.62	15	69	7.81	420.2	17.6	144	0.116	0.010	0.940	**0.950**	0.405	1.066	1.355	0.064	0.076	6.9	45.1	251	10	AG LAB
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	24607	1	5	12/17/01	10:10 AM	8.65	7	75	7.63	366.5	98	188	0.141	0.010	1.560	**1.570**	0.247	1.711	1.817	0.060	0.073	7.3	53.3	269	10	AG LAB
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	24770	1	4	01/22/02	9:45 AM	11.51	6	97	8.11	495.9	7.88	169	0.051	0.010	1.380	**1.390**	0.272	1.441	1.662	0.019	0.429	7.4	56.1	257	13	AG LAB
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	24879	2	4	02/25/02	9:30 AM	11.58	7	101	7.78	537	9.72	166	0.143	0.010	1.130	**1.140**	0.415	1.283	1.555	0.038	0.075	8.4	62.4	198	10	AG LAB
90	Willow Creek	OK310830-06-0030H	Caddo	CGP	25021	2	4	04/01/02	10:30 AM	11.42	14	117	7.13	537	11.7	202	0.048	0.010	1.050	**1.060**	0.403	1.108	1.463	0.036	0.079	8.8	62.6	241	15	AG LAB
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	18617	5	4	05/22/00	8:20 AM	6.04	20	72	7.86	1047	18.7	237	0.040	0.008	0.060	**0.068**	0.460	0.108	0.528	0.024	0.090	75.0	181.0	390	34	DEQ
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	18755	13	6	06/26/00	8:30 AM	6.10	23	77	7.83	975	109	253	0.110	0.008	0.010	0.018	1.180	0.128	1.198	0.044	0.277	75.0	144.0	360	142	DEQ
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	19170	2	4	07/31/00	10:00 AM	7.29	21	89	8.28	933	191	300	0.050			0.050	0.750	0.100	0.800	0.038	0.086	61.2	133.0	336	48	DEQ
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	21968	5	5	11/14/00	9:10 AM	9.69	3	78	8.05	989	17.4	430	0.080			0.420	0.410	0.500	0.830	0.048	0.084	73.7	127.0	420	8	DEQ
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	22142	8	4	12/19/00	8:00 AM	11.90	3	96	8.25	935	16.9	282	0.050			0.450	0.460	0.500	0.910	0.016	0.048	59.3	81.2	418	12	DEQ
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	22413	31	5	01/30/01	11:00 AM	10.69	3	86	8.41	1032	30.5	273	0.060			0.260	0.770	0.320	1.030	0.039	0.119	64.1	95.3	332	56	DEQ
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	22652	27	4	03/06/01	9:00 AM	9.79	10	94	8.35	995	11.6	258	0.050			0.170	0.490	0.220	0.660	0.039	0.078	76.8	116.0	368	24	DEQ
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	22816	23	4	04/09/01	3:00 PM	9.74	20	116	8.37	935	18.5	225	0.050			0.050		0.100		0.030	0.097	70.5	155.0	360	60	DEQ
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	22948	20	5	05/14/01	6:15 PM	6.91	25	91	8.26	1039	52.7	259	0.130			0.230		0.360		0.034	0.114	28.5	1539.0	1863	88	DEQ
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	23093	10	4	06/18/01	4:30 PM	7.47	29	105	7.43	1066	46.9	254	0.050			0.170		0.220		0.064	0.176	82.6	167.0	398	20	DEQ
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	23309	1	4	07/23/01	5:15 PM	5.87	35	92	8.24	1259	15.1	242	0.015	0.010	0.430	**0.440**	0.830	0.455	1.270	0.520	0.067	88.5	266.8	344	21	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	24329	0	3	10/02/01	1:00 PM		21	0	8.23	1358	231	253	0.049	0.010	0.010	**0.020**	0.523	0.069	0.543	0.006	0.007	124.3	425.1	493	10	AG LAB
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	24460	0	3	11/06/01	8:30 AM	8.20	13	84	7.58	1122	7.37	198	0.141	0.010	0.010	**0.020**	0.504	0.161	0.524	0.059	0.064	100.5	298.6	518	10	AG LAB
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	24613	1	4	12/18/01	8:15 AM	12.01	2	94	7.72	650	6.94	202	0.110	0.010	0.530	**0.540**	0.369	0.650	0.909	0.021	0.041	68.3	160.9	373	10	AG LAB
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	24776	4	4	01/23/02	8:00 AM	10.34	4	85	8.29	984	5.48	262	0.107	0.010	0.010	**0.020**	0.554	0.127	0.574	0.005	0.008	57.1	108.6	362	10	AG LAB
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	24884	8	4	02/25/02	5:00 PM	13.66	6	119	8.44	972	4.39	218	0.179	0.010	0.010	**0.020**	0.515	0.199	0.535	0.018	0.041	65.7	119.5	261	10	AG LAB
104	Washita River # 384	OK310840-02-0010G	Roger Mills	CGP	25026	8	4	04/02/02	9:00 AM	9.35	12	94	8.41	718	14.1	258	0.077	0.010	0.010	**0.020**	0.559	0.097	0.579	0.047	0.081	67.3	136.1	340	19	AG LAB
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	18576	1	4	05/23/00	8:00 AM	6.36	22	76	8.12	852	18.8	256	0.014	0.013	0.042	**0.055**	0.430	0.069	0.485	0.024	0.076	21.0	162.0	500	17	DEQ
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	18786	1	4	06/26/00	4:00 PM	10.24	30	142	8.43		8.59	232	0.023	0.006	0.010	0.016	0.360	0.039	0.376	0.045	0.092	25.0	234.0	470	9	DEQ
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	18976	0	4	08/01/00	9:00 AM	5.35	24	66	8.11	529	8.1	327	0.050			0.050	0.260	0.100	0.310	0.027	0.067	5.8	14.2	267	8	DEQ
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	21973	1	5	11/14/00	8:00 AM	12.60	4	100	8.17	1405	4.84	272	0.050			0.390	0.310	0.440	0.700	0.041	0.109	12.6	288.0	756	6	DEQ
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	22100	2	4	12/19/00	9:00 AM	13.97	1	103	8.14	682	4.03	289	0.050			0.520	0.290	0.570	0.810	0.005	0.029	10.2	301.0	671	8	DEQ
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	22445	6	5	01/30/01	1:45 PM	12.00	7	103	8.2	621	87.6	218	0.290			0.890	1.210	1.180	2.100	0.110	0.211	9.0	150.0	449	105	DEQ
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	22657	6	5	03/06/01	8:30 AM	10.58	8	93	8.1	1208	8.61	317	0.060			0.740	0.340	0.800	1.080	0.027	0.040	14.5	283.0	661	8	DEQ
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	22856	6	4	04/10/01	9:30 AM	8.46	20	97	7.91	1069	6.57	259	0.050			0.190		0.240		0.006	0.048	14.3	318.0	674	24	DEQ
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	22955	3	4	05/15/01	10:00 AM	7.68	22	92	7.86	1354	15.2	311	0.050			0.560		0.610		0.059	0.107	15.3	253.0	748	64	DEQ
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	23069	1	3	06/19/01	9:30 AM	7.94	24	99	7.86	911	10.8	299	0.050			0.370		0.420		0.064	0.098	15.4	200.0	534	13	DEQ
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	23298	0	3	07/24/01	9:30 AM	4.08	28	55	7.73		11.5	286	0.073	0.440	0.430	**0.870**	0.610	0.943	1.480	0.114	0.168	10.8	34.2	295	12	AG LAB
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	24027	1	3	08/28/01	9:30 AM	4.79	25	61	7.97	643	21.5	274	0.322	0.010	0.540	**0.550**	0.801	0.872	1.351	0.062	0.164	10.1	51.5	310	23	AG LAB
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	24341	1	3	10/02/01	9:30 AM	6.04	15	63	8.53	538	15.7	323	0.015	0.010	0.540	**0.550**	0.391	0.565	0.941	0.006	0.062	11.3	21.6	353	15	AG LAB
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	24436	0	3	11/06/01	9:45 AM	5.45	16	58	7.81	1343	6.11	328	0.126	0.010	0.440	**0.450**	0.484	0.576	0.934	0.040	0.065	19.2	138.9	517	10	AG LAB
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	24590	2	3	12/18/01	8:00 AM	8.87	6	74	7.93	1580	5.41	331	0.047	0.010	0.680	**0.690**	0.358	0.737	1.048	0.017	0.027	16.6	275.5	572	10	AG LAB
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	24764	0	3	01/23/02	9:00 AM	8.96	8	79	6.05	1457	4.99	263	0.030	0.480	0.500	**0.980**	0.260	1.010	1.240	0.005	0.010	15.8	245.4	592	10	AG LAB
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	24897	0	3	02/26/02	10:00 AM	12.85	2	97	8.39		3.3	261	0.146	0.010	0.010	**0.020**	0.365	0.166	0.385	0.012	0.022	16.5	257.4	572	10	AG LAB
90	Whiskey Creek	OK311210-00-0140D	Comanche	CGP	25049	0	4	04/02/02	9:30 AM	7.54	16	80	7.97	1016	7.54	252	0.096	0.010	0.010	**0.020**	0.358	0.116	0.378	0.013	0.054	15.8	258.6	572	10	AG LAB
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	18577	1	4	05/23/00	9:00 AM	7.30	22	87	8.05	1226	8.12	218	0.035	0.028	0.660	**0.688**	0.370	0.723	1.058	0.072	0.112	17.5	416.0	720	1	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	18785	2	4	06/26/00	3:30 PM	10.81	29	147	8.34		67.9	242	0.024	0.024	0.970	**0.994**	0.650	1.018	1.644	0.096	0.194	20.0	498.0	660	51	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	18978	0		08/01/00	10:00 AM	6.95	23	85	7.9	1188	5.12	176	0.050			0.300	0.260	0.350	0.560	0.058	0.092	8.6	331.0	539	8	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	21772	0	3	10/10/00	9:15 AM	11.01	7	95	8.19	1418	4.1	192	0.050			1.080	0.510	1.130	1.590	0.006	0.065	9.3	348.0	738	2	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	21974	2	4	11/14/00	10:00 AM	13.54	2	102	8.25	1182	10.3	239	0.160			1.070	0.560	1.230	1.630	0.112	0.195	10.5	376.0	905	26	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	22101	2	4	12/19/00	10:00 AM	14.58	1	107	8.2	509	6.68	238	0.050			0.980	0.590	1.030	1.570	0.005	0.138	7.8	322.0	653	7	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	22446	7	5	01/30/01	2:45 PM	11.14	8	98	8.3	662	56.1	196	0.210			0.940	1.200	1.150	2.140	0.082	0.184	10.4	213.0	549	100	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	22658	5	4	03/06/01	9:30 AM	11.19	8	99	8.11	1278	12.2	263	0.060			1.280	0.590	1.340	1.870	0.078	0.147	14.1	426.0	745	6	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	22857	4	4	04/10/01	11:30 AM	8.20	20	94	7.98	1132	23.6	257	0.110			0.970		1.080		0.133	0.230	12.7	443.0	873	46	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	22956	1	3	05/15/01	11:00 AM	7.85	21	92	8.07	1435	44.9	238	0.070			0.970		1.040		0.168	0.279	12.9	457.0	915	84	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	23070	0	3	06/19/01	11:20 AM	8.02	24	100	8.2	861	44.5	232	0.050			0.980		1.030		0.183	0.282	13.0	546.0	745	48	DEQ
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	23299	0	3	07/24/01	10:20 AM	9.36	27	123	8.11		6.16	211	0.073	0.450	0.790	**1.240**	0.820	1.313	2.060	0.104	0.291	12.1	514.3	300	1	AG LAB
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	24028	1	3	08/28/01	10:15 AM	7.12	24	88	7.87	760	11.8	237	0.435	0.010	1.420	**1.430**	0.903	1.865	2.333	0.130	0.156	14.3	534.8	780	19	AG LAB
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	24342	0	3	10/02/01	10:00 AM	7.10	13	70	7.91	1028	6.21	222	0.114	0.010	2.240	**2.250**	0.532	2.364	2.782	0.039	0.062	14.2	512.9	671	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	24437	0	3	11/06/01	10:20 AM	6.30	15	65	7.74	1494	17.2	222	0.221	0.010	0.960	**0.970**	0.715	1.191	1.685	0.092	0.128	12.9	508.0	771	13	AG LAB
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	24591	1	4	12/18/01	9:00 AM	9.84	4	78	7.49	1942	10.9	266	0.228	0.010	1.560	**1.570**	0.748	1.798	2.318	0.113	0.133	13.5	466.5	748	13	AG LAB
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	24765	0	3	01/23/02	9:40 AM	8.37	9	76	6.03	1821	11	229	0.158	0.010	1.420	**1.430**	0.520	1.588	1.950	0.005	0.005	12.9	470.9	828	10	AG LAB
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	24898	0	3	02/26/02	10:55 AM	12.34	1	91	8.32		6.34	214	0.068	0.010	1.340	**1.350**	0.548	1.418	1.898	0.040	0.051	13.3	439.9	679	10	AG LAB
90	Cottonwood Creek	OK311210-00-0150G	Comanche	CGP	25050	0	4	04/02/02	10:00 AM	9.09	14	92	8.04	1367	12.5	209	0.256	0.010	1.160	**1.170**	0.559	1.426	1.729	0.073	0.117	13.0	478.0	737	17	AG LAB
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	18578	2	4	05/23/00	10:30 AM	9.81	24	123	8.23	499	2.49	199	0.050	0.017	0.360	**0.377**	0.120	0.427	0.497	0.005	0.024	26.0	32.0	250	1	DEQ
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	18787	60	6	06/27/00	8:00 AM	8.00	22	96	8.28		28.4	267	0.005	0.005	0.320	**0.325**	0.340	0.330	0.665	0.035	0.098	15.0	4.6	250	32	DEQ
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	18979	1	4	08/01/00	1:00 PM	11.15	28	150	8.25	487.3	3.23		0.050			0.090	0.050	0.140	0.140	0.005	0.005	15.0	25.4	163	4	DEQ
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	21975	20	5	11/14/00	12:00 PM	11.23	9	102	8.26	678	1.99	239	0.050			1.840	0.130	1.890	1.970	0.017	0.021	9.1	19.4	271	1	DEQ
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	22102	6	4	12/19/00	11:45 AM	13.27	5	109	8.3	460	0.99	250	0.050			2.620	0.280	2.670	2.900	0.005	0.014	12.8	35.4	308	1	DEQ
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	22447	51	6	01/30/01	4:15 PM	10.92	9	99	8.27	444.2	165	207	0.050			2.140	0.340	2.190	2.480	0.020	0.049	5.9	15.3	234	36	DEQ
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	22659	15	4	03/06/01	11:45 AM	11.88	12	116	8.05	914	2.68	233	0.050			2.530	0.200	2.580	2.730	0.007	0.009	15.0	38.4	274	1	DEQ
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	22858	6	4	04/10/01	1:30 PM	11.17	21	132	7.89	895	1.23	206	0.050			2.260		2.310		0.005	0.009	27.7	61.9	286	8	DEQ
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	22957	2	3	05/15/01	1:00 PM	11.53	27	152	7.74	950	1.41	189	0.050			0.940		0.990		0.007	0.008	40.5	65.0	283	5	DEQ
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	23071	3	3	06/19/01	1:10 PM	11.28	28	152	7.83	752	2.27	208	0.050			1.200		1.250		0.006	0.022	27.5	54.7	232	5	DEQ
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	23300	0	3	07/24/01	11:45 AM	11.03	34	164	8.14	743	7.72	149	0.872	0.010	0.500	**0.510**	0.570	1.382	1.080	0.067	0.084	57.4	130.5	238	4	AG LAB
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	24029	0	2	08/28/01	11:30 AM	8.44	30	117	8.16	679	61.2	159	0.282	0.010	0.580	**0.590**	0.786	0.872	1.376	0.027	0.101	42.9	119.3	230	38	AG LAB
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	24343	0	3	10/02/01	11:30 AM	8.56	19	97	8.25	979	13.4	151	0.015	0.010	0.500	**0.510**	0.474	0.525	0.984	0.005	0.035	69.3	220.9	299	13	AG LAB
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	24438	0	2	11/06/01	11:20 AM	7.07	17	77	7.78	1497	7.59	239	0.080	0.010	0.440	**0.450**	0.559	0.530	1.009	0.019	0.069	76.4	218.4	373	10	AG LAB
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	24592	0	3	12/18/01	10:30 AM	11.88	5	98	8.04	1583	1.69	276	0.025	0.010	1.390	**1.400**	0.297	1.425	1.697	0.005	0.005	62.3	159.5	350	10	AG LAB
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	24766	0	3	01/23/02	10:30 AM	10.95	7	95	5.81	1151	7.4	264	0.028	0.010	1.610	**1.620**	0.297	1.648	1.917	0.005	0.019	60.1	140.3	398	10	AG LAB
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	24899	0	3	02/26/02	12:00 PM	12.44	4	100	8.32	1418	0.89	251	0.063	0.010	1.090	**1.100**	0.212	1.163	1.312	0.005	0.006	62.4	138.8	249	10	AG LAB
90	Tahoe Creek	OK311300-03-0070G	Caddo	CGP	25051	0	3	04/02/02	11:30 AM	11.58	17	126	8.27	975	4.54	197	0.176	0.010	0.680	**0.690**	0.353	0.866	1.043	0.005	0.005	58.3	133.6	307	12	AG LAB
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	18707	2	4	05/15/00	12:00 PM	9.41	21	111		162.9	1.67	57	0.010	0.001	0.035	**0.036**	0.180	0.046	0.216	0.003	0.015	15.0	12.2	125	1	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	18770	23	6	06/19/00	1:00 PM	7.98	23	98	7.62	122.9	19.5	35	0.038	0.001	0.129	**0.130**	0.500	0.168	0.630	0.009	0.084	5.0	2.4	48	36	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	18933	0	4	07/24/00	1:30 PM	7.79	30	108	7.53	192.7	2.02	113	0.050			0.050	0.180	0.100	0.230	0.008	0.063	5.0	9.8	40	6	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	21312	0	3	08/28/00	11:30 AM	8.59	29	117	7.99	235.1	1.39	79	0.050			0.050	0.080	0.100	0.130	0.019	0.021	5.0	8.3	66	2	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	21389	0	3	10/02/00	12:40 PM	9.77	21	115	8.87	255.9	1.76	81.7	0.050			0.050	0.190	0.100	0.240	0.011	0.032	5.0	26.5	77	6	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	21937	35	5	11/07/00	10:30 AM	8.63	12	84	7.66	154.6	2.83	34	0.050			1.230	0.290	1.280	1.520	0.007	0.012	5.0	6.0	39	18	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	22059	5	5	12/11/00	2:30 PM	12.23	8	108	7.05	184.5	1.31	56	0.050			0.530	0.050	0.580	0.580	0.005	0.014	5.0	8.1	46	1	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	22326	10	4	01/22/01	1:00 PM	11.19	8	99	8.19	115	2.13	38	0.050			0.830	0.090	0.880	0.920	0.005	0.047	5.0	8.8	41	1	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	22604	33	5	02/26/01	2:00 PM	11.01	13	110	8.97	114	4.72	30	0.050			0.970	0.220	1.020	1.190	0.007	0.020	5.0	27.5	33	2	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	22799	4	3	04/02/01	2:00 PM	10.70	19	121	7.23		1.33	49	0.050			0.490		0.540		0.005	0.005	5.0	13.3	46	1	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	22894	2	4	05/07/01	2:30 PM	8.10	19	92	7.39	229.4	4.15	54	0.050			0.060		0.110		0.008	0.011	5.0	12.2	63	5	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	23016	4	3	06/11/01	1:15 PM	8.56	29	117	6.97	180.6	1.97	59	0.050			0.050		0.100		0.005	0.015	5.0	6.8	55	12	DEQ
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	23203	0	3	07/16/01	1:15 PM	7.26	30	101	6.83	275.8	1.47	89	0.452	0.010	0.410	**0.420**	0.240	0.872	0.660	0.018	0.013	22.8	14.7	90	2	AG LAB
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	23947	0	2	08/20/01	12:45 PM	7.33	29	100	7.66	309	1.4	91	0.207	0.370	0.530	**0.900**	0.160	1.107	1.060	0.013	0.022	7.1	11.6	92	6	AG LAB
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	24278	1	3	09/24/01	12:45 PM	6.28	21	74	7.58	332	1.19	93	0.015	0.010	0.450	**0.460**	0.283	0.475	0.743	0.005	0.038	6.8	13.5	107	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	24416	0	3	10/29/01	1:45 PM	8.12	24	101	7.75	247.6	2.67	73	0.070	0.010	0.010	**0.020**	0.306	0.090	0.326	0.005	0.012	6.9	14.3	104	10	AG LAB
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	24550	0	2	12/10/01	12:00 PM	9.20	6	78	7.59	351.2	0.98	84	0.015	0.010	0.480	**0.490**	0.110	0.505	0.600	0.006	0.019	9.6	20.3	107	10	AG LAB
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	24738	1	3	01/15/02	12:15 PM	10.85	7	94	7.2	335.3	0.66	72	0.037	0.010	0.480	**0.490**	0.181	0.527	0.671	0.005	0.017	8.6	20.5	102	28	AG LAB
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	24870	0	3	02/19/02	1:20 PM	11.13	14	113		298.8	1.31	76	0.015	0.010	0.470	**0.480**	0.164	0.495	0.644	0.008	0.011	10.4	21.3	98	10	AG LAB
90	Blue Beaver Creek	OK311310-02-0060G	Comanche	CGP	24978	0	4	03/25/02	1:15 PM	11.54	11	110	8.19	269.3	0.76	69	0.054	0.010	0.520	**0.530**	0.193	0.584	0.723	0.011	0.017	10.6	21.1	90	10	AG LAB
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	18706	0	2	05/15/00	10:00 AM	4.94	19	55		3031	114	294	0.092	0.002	0.137	**0.139**	1.490	0.231	1.629	0.015	0.201	725.0	179.0	780	102	DEQ
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	18769	8	6	06/19/00	11:30 AM	7.10	22	84	7.83	494.5	925	134	0.101	0.014	0.410	**0.424**	1.760	0.525	2.184	0.379	1.270	85.0	36.5	120	408	DEQ
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	18932	0	2	07/24/00	12:11 PM	6.38	25	80	6.62	1457	293	146	1.100			0.050	3.870	1.150	3.920	0.331	0.443	261.0	68.7	229	244	DEQ
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	21936	0	2	11/07/00	7:30 AM	8.80	11	83	7.97	1288	47.9	145	0.080			1.030	0.830	1.110	1.860	0.190	0.233	296.0	122.0	567	38	DEQ
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	22058	1	5	12/11/00	1:00 PM	14.01	6	117	8	1949	2.4	261	0.050			1.930	0.420	1.980	2.350	0.005	0.035	1462.0	470.0	1159	1	DEQ
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	22325	1	4	01/22/01	11:30 AM	12.44	4	99	8.05	1175	4.98	246	0.050			1.910	0.710	1.960	2.620	0.009	0.067	1246.0	375.0	971	34	DEQ
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	22603	0	2	02/26/01	12:20 PM	10.57	11	100	8.01	988	87.2	173	0.080			1.090	1.230	1.170	2.320	0.081	0.164	402.0	162.0	432	96	DEQ
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	22798	1	3	04/02/01	12:30 PM	9.55	17	103	7.75		26.5	284	0.060			1.660		1.720		0.012	0.066	1558.0	476.0	1203	66	DEQ
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	22893	1	5	05/07/01	12:30 PM	6.64	20	76	7.54	1830	384	71	0.230			1.400		1.630		0.254	0.368	854.0	236.0	806	408	DEQ
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	23015	0	2	06/11/01	11:30 AM	12.58	28	167	8.04	2991	45.5	197	0.100			0.050		0.150		0.023	0.161	1186.0	232.0	1042	72	DEQ
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	23202	0	2	07/16/01	11:45 AM	8.60	30	118	8.1	2818	63.3	138	0.015	0.010	0.010	**0.020**	1.680	0.035	1.700	0.125	0.105	1956.0	381.0	1374	54	AG LAB
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	23946	0	2	08/20/01	11:20 AM	2.42	25	30	7.16	681	261	52	0.409	0.010	0.680	**0.690**	1.540	1.099	2.230	0.369	0.225	102.2	29.5	126	155	AG LAB
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	24277	0	2	09/24/01	11:30 AM	5.90	19	66	7.56	1036	160	136	0.317	0.930	0.540	**1.470**	1.852	1.787	3.322	0.026	0.174	278.3	55.4	316	10	AG LAB
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	24417	0	2	10/29/01	12:30 PM	9.67	18	106	8.63	611	211	87	0.442	0.010	0.820	**0.830**	0.670	1.272	1.500	0.023	0.183	95.0	37.3	196	150	AG LAB
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	24549	0	2	12/10/01	10:45 AM	8.81	6	74	8.04	5290	11	323	0.120	0.010	0.010	**0.020**	0.462	0.140	0.482	0.011	0.049	1315.5	273.0	1356	11	AG LAB
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	24737	0	2	01/15/02	11:00 AM	15.83	5	129	8.09	7.33	8.06	254	0.079	0.010	0.930	**0.940**	0.355	1.019	1.295	0.005	0.031	1443.5	313.5	1403	15	AG LAB
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	24869	0	2	02/19/02	11:40 AM	10.96	13	108			22.5	271	0.028	0.010	1.060	**1.070**	0.386	1.098	1.456	0.011	0.029	1319.0	300.5	1380	12	AG LAB
90	Brush Creek	OK311310-03-0050G	Tillman	CGP	24977	0	2	03/25/02	12:00 PM	10.97	11	103	8.2	5290	32.8	227	0.289	0.010	0.990	**1.000**	1.092	1.289	2.092	0.016	0.089	1196.5	374.4	1021	43	AG LAB
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	18709	7	4	05/15/00	2:30 PM	12.83	23	157		4930	35.1	254	0.008	0.075	5.360	**5.435**	1.210	5.443	6.645	1.250	1.560	810.0	1290.0	1370	58	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	18772		7	06/19/00	3:00 PM	6.90	23	85	8.01	1737	1000	87	0.137	0.017	1.370	**1.387**	2.430	1.524	3.817	0.240	1.560	200.0	350.0	410	900	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	18935	27	4	07/24/00	3:14 PM	7.44	30	104	7.93	2864	295	153	0.970			2.010	1.710	2.980	3.720	0.349	0.929	308.0	577.0	725	314	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	21306	12	4	08/28/00	1:40 PM	7.89	29	108	8.29	2530	139	179	0.120			1.380	1.080	1.500	2.460	0.325	0.530	782.0	589.0	911	164	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	21388	5	4	10/02/00	2:50 PM	12.89	23	158	8.7	2788	23.6	216	0.050			8.760	0.870	8.810	9.630	1.567	1.740	814.0	567.0	1064	44	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	21939	17	4	11/07/00	2:50 PM	9.37	11	89	7.93	1699	14.5	253	0.080			6.630	0.380	6.710	7.010	0.424	0.445	892.0	972.0	1347	32	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	22061	9	5	12/11/00	5:00 PM	13.79	6	116	8.34	1738	4.15	251	0.050			7.250	0.520	7.300	7.770	0.453	0.465	888.0	1096.0	1561	11	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	22328	12	4	01/22/01	3:45 PM	18.66	9	170	8.43	14.7	4.36	260	0.070			6.250	0.710	6.320	6.960	0.788	0.798	976.0	1266.0	1497	26	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	22606	33	5	02/26/01	4:30 PM	10.25	15	107	8.04	1526	58.1	210	0.200			4.510	1.260	4.710	5.770	0.405	0.481	532.0	836.0	985	36	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	22801	12	4	04/02/01	4:45 PM	12.45	23	153	8.17		27.7	252	0.140			6.500		6.640		0.715	0.812	998.0	1323.0	1458	58	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	22896	14	5	05/07/01	5:00 PM	7.78	21	92	7.81	2501	139	211	0.230			6.420		6.650		1.320	1.470	699.0	943.0	528	138	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	23018	9	4	06/11/01	3:30 PM	10.52	31	149	8.17	2748	134	104	0.050			5.010		5.060		1.550	1.000	1080.0	1245.0	2	160	DEQ
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	23205	0	2	07/16/01	3:20 PM	7.74	30	108	7.84	1424	104	183	0.050	0.010	2.940	**2.950**	1.280	3.000	4.230	0.947	1.220	411.0	711.5	907	95	AG LAB
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	23949	0	2	08/20/01	2:45 PM	11.71	30	163	7.81	1460	136	216	0.343	0.010	4.520	**4.530**	1.090	4.873	5.620	1.241	1.791	610.0	756.0	964	130	AG LAB
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	24280	5	4	09/24/01	2:45 PM	11.52	22	139	7.8	1846	32.6	117	0.143	0.010	7.700	**7.710**	0.931	7.853	8.641	1.471	1.635	760.1	1054.1	1219	41	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	24419	5	4	10/29/01	4:00 PM	11.17	19	127	8.09	4224	56.8	217	0.342	0.010	9.700	**9.710**	0.897	10.052	10.607	3.242	3.536	793.8	912.3	1133	69	AG LAB
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	24552	3	3	12/10/01	1:50 PM	14.25	9	130	8.18	3954	18.9	127	0.668	0.010	10.180	**10.190**	1.309	10.858	11.499	2.940	3.106	689.5	858.5	1126	26	AG LAB
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	24740	3	3	01/15/02	2:30 PM	15.97	9	145	8.16	5.7	10.9	103	0.128	0.010	10.450	**10.460**	0.782	10.588	11.242	2.048	2.182	724.5	897.5	1193	14	AG LAB
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	24872	5	4	02/19/02	3:00 PM	14.05	16	150			31.3	227	0.177	0.010	7.050	**7.060**	0.850	7.237	7.910	1.420	1.486	651.5	1233.0	1504	57	AG LAB
90	Stinking Creek	OK311500-01-0050G	Jackson	CGP	24980	6	4	03/25/02	3:15 PM	9.99	10	93	8.46	4717	25.1	215	0.375	0.010	8.290	**8.300**	1.050	8.675	9.350	2.580	2.755	743.5	921.3	1151	38	AG LAB
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	18715	3	4	05/16/00	1:00 PM	7.85	21	93		2896	9.85	213	0.010	0.005	0.430	**0.435**	0.460	0.445	0.895	0.042	0.078	470.0	682.0	1080	15	DEQ
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	18777	5	5	06/20/00	2:00 PM	7.16	24	90	8.64	2049	36.2	197	0.056	0.011	0.210	**0.221**	0.680	0.277	0.901	0.133	0.245	290.0	484.0	620	32	DEQ
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	18954	2	4	07/25/00	1:00 PM	5.94	24	75	8.25	2814	8.33	128	0.050			0.050	0.220	0.100	0.270	0.006	0.047	281.0	539.0	732	18	DEQ
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	21317	0	2	08/29/00	3:00 PM	3.43	26	45	7.95	2729	8.45	159	0.110			0.050	0.500	0.160	0.550	0.107	0.151	734.0	613.0	961	16	DEQ
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	21480	0	3	10/03/00	1:00 PM	3.60	19	41	8.19	2499	22.6	304	0.050			0.050	0.920	0.100	0.970	0.193	0.385	376.0	497.0	1009	26	DEQ
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	22382	0	2	01/23/01	3:00 PM	12.01	5	99	7.89	1603	4.45	152	0.050			0.100	0.330	0.150	0.430	0.009	0.035	414.0	641.0	969	6	DEQ
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	22623	9	5	02/27/01	3:30 PM	8.65	9	79	7.98	1285	52.2	111	0.100			2.300	0.960	2.400	3.260	0.174	0.229	344.0	463.0	612	32	DEQ
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	22831	1	3	04/03/01	3:30 PM	9.50	20	111	8.09		9.99	163	0.050			0.580		0.630		0.011	0.053	783.0	885.0	1222	328	DEQ
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	22913	1	5	05/08/01	3:15 PM	7.39	21	88	7.48	1413	230	89	0.050			0.290		0.340		0.343	0.473	191.0	209.0	328	164	DEQ
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	23023	0	2	06/12/01	2:30 PM	7.36	25	94	7.85	2255	8.61	178	0.050			0.480		0.530		0.034	0.067	566.0	747.0	1077	8	DEQ
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	23210	0	2	07/17/01	1:45 PM	7.36	27	98	8.11	1316	11	175	0.024	0.010	0.080	**0.090**	0.390	0.114	0.480	0.065	0.052	337.0	649.8	825	5	AG LAB
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	23954	0	2	08/21/01	1:10 PM	6.38	25	82	8.02	1103	16.4	95	0.568	0.010	0.010	**0.020**	2.350	0.588	2.370	0.173	0.389	54.2	134.3	242	30	AG LAB
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	24285	0	2	09/25/01	1:00 PM	8.64	16	93	7.92	2271	6.23	137	0.212	0.010	0.740	**0.750**	0.551	0.962	1.301	0.046	0.084	947.3	1016.9	1399	10	AG LAB
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	24424	0	2	10/30/01	11:00 AM	4.60	14	47	6.6	4148	6.16	128	0.127	0.010	0.010	**0.020**	0.519	0.147	0.539	0.109	0.135	796.3	957.8	1377	12	AG LAB
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	24557	0	3	12/11/01	11:30 AM	9.62	5	80	8.11	5.3	2.63	158	0.162	0.010	0.540	**0.550**	0.312	0.712	0.862	0.005	0.009	907.5	1009.8	1480	10	AG LAB
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	24745	0	3	01/16/02	1:00 PM	12.05	6	102	8.1	5.66	8.89	163	0.071	0.010	0.810	**0.820**	0.543	0.891	1.363	0.005	0.044	865.5	940.5	1526	15	AG LAB
90	Tepee Creek	OK311500-01-0110G	Kiowa	CGP	24985	0	2	03/26/02	1:30 PM	13.22	9	121	8.26	4753	4.06	153	0.243	0.010	1.150	**1.160**	0.657	1.403	1.817	0.005	0.045	989.0	1101.5	1608	10	AG LAB
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	18708	6	5	05/15/00	1:00 PM	7.71	20	89		875	46.8	164	0.003	0.014	0.278	**0.292**	0.890	0.295	1.182	0.064	0.136	115.0	110.0	270	46	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	18771	11	6	06/19/00	2:00 PM	6.99	22	84	8.26	929	57.4	179	0.094	0.009	0.310	**0.319**	0.770	0.413	1.089	0.075	0.194	105.0	101.0	260	70	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	18934	0	2	07/24/00	2:30 PM	1.77	28	24	7.67	1889	7.78	347	0.100			0.060	0.500	0.160	0.560	0.316	0.422	243.0	127.0	590	10	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	21307	0	2	08/28/00	12:30 PM	2.01	26	26	8.41	1812	19.1	369	0.110			0.050	0.880	0.160	0.930	0.018	0.420	239.0	87.4	522	38	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	21385	0	2	10/02/00	1:50 PM	2.42	19	27	8.58	2052	20.2	315	0.110			0.050	1.790	0.160	1.840	0.337	1.260	288.0	232.0	473	28	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	21938	7	6	11/07/00	12:20 PM	7.66	11	73	7.77	0.9	24.5	152	0.050			0.230	0.470	0.280	0.700	0.069	0.163	118.0	82.9	249	268	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	22060	8	5	12/11/00	4:00 PM	11.32	4	91	8.12	1074	16.5	160	0.050			0.070	0.450	0.120	0.520	0.034	0.068	123.0	102.0	237	16	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	22327	17	4	01/22/01	2:30 PM	14.82	4	119	8.33	696	17.1	166	0.050			0.110	0.420	0.160	0.530	0.028	0.040	141.0	87.5	239	12	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	22605	14	5	02/26/01	3:00 PM	9.73	12	95	7.75	706	205	136	0.140			0.360	1.380	0.500	1.740	0.204	0.292	95.7	108.0	194	164	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	22800	3	3	04/02/01	3:30 PM	10.30	19	117	7.76		21.1	191	0.100			0.400		0.500		0.056	0.122	189.0	146.0	364	36	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	22895	28	5	05/07/01	3:45 PM	6.56	19	74	7.46	1058	122	139	0.120			0.270		0.390		0.168	0.286	113.0	96.7	204	146	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	23017	13	3	06/11/01	2:30 PM	6.92	26	90	7.42	1016	57.1	163	0.050			0.240		0.290		0.094	0.159	115.0	108.0	224	72	DEQ
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	23204	7	3	07/16/01	2:15 PM	7.14	28	96	7.79	882	25.2	71	0.015	0.010	0.380	**0.390**	0.780	0.405	1.170	0.107	0.117	93.1	94.4	220	47	AG LAB
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	23948	2	3	08/20/01	1:45 PM	7.24	28	97	7.96	768	25.6	160	0.234	0.010	0.540	**0.550**	0.610	0.784	1.160	0.061	0.130	109.5	105.9	226	33	AG LAB
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	24279	0	3	09/24/01	1:40 PM	7.99	20	92	7.36	847	34.1	156	0.142	0.010	0.520	**0.530**	0.625	0.672	1.155	0.036	0.117	113.2	110.9	247	25	AG LAB
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	24418	5	4	10/29/01	3:00 PM	7.28	16	78	7.62	912	27.1	140	0.214	0.010	0.470	**0.480**	0.595	0.694	1.075	0.032	0.071	116.5	112.5	267	28	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	24551	5	3	12/10/01	1:00 PM	10.82	6	91	7.81	1399	15.9	166	0.188	0.010	0.480	**0.490**	0.565	0.678	1.055	0.040	0.094	113.4	108.8	265	17	AG LAB
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	24739	9	3	01/15/02	1:30 PM	11.69	5	96	7.89	1441	1.66	147	0.129	0.010	0.510	**0.520**	0.631	0.649	1.151	0.012	0.067	111.0	110.3	272	13	AG LAB
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	24871	0	3	02/19/02	2:10 PM	11.68	14	119		1519	22	278	0.103	0.010	0.010	**0.020**	0.832	0.123	0.852	0.064	0.119	115.3	87.3	333	23	AG LAB
90	West Otter Creek	OK311500-02-0040G	Kiowa	CGP	24979	0	3	03/25/02	2:20 PM	13.02	9	118	8.53	1138	8.2	252	0.200	0.010	0.010	**0.020**	0.566	0.220	0.586	0.072	0.116	114.5	88.3	268	10	AG LAB
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	18716	2	4	05/16/00	3:00 PM	5.69	22	69		1844	49.2	265	0.069	0.037	1.100	**1.137**	1.060	1.206	2.197	0.054	0.138	120.0	404.0	770	76	DEQ
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	18778	35	6	06/20/00	3:30 PM	7.59	25	98	6.96	487.2	289	124	0.188	0.031	0.310	**0.341**	1.470	0.529	1.811	0.134	0.452	35.0	92.0	240	168	DEQ
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	18955	0	4	07/25/00	2:30 PM	5.48	24	69	7.72	1417	14.4	184	0.050			0.190	0.440	0.240	0.630	0.025	0.062	87.0	257.0	710	106	DEQ
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	21316	0	2	08/29/00	4:30 PM	4.35	25	56	7.87	1871	12.5	180	0.050			0.051	0.520	0.101	0.571	0.064	0.151	134.0	424.0	632	20	DEQ
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	21481	0	2	10/03/00	2:00 PM	1.69	19	19	8.14	2399	18.5	355	0.050			0.050	2.230	0.100	2.280	0.198	0.459	271.0	170.0	1350	38	DEQ
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	22383	0	2	01/23/01	4:30 PM	11.92	5	99	8.25	1061	6.52	242	0.050			0.070	0.470	0.120	0.540	0.012	0.053	75.1	217.0	529	12	DEQ
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	22625	68	5	02/27/01	5:15 PM	8.72	8	78	8.22	1124	282	171	0.320			0.440	1.480	0.760	1.920	0.219	0.338	28.3	119.0	282	308	DEQ
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	22832	1	3	04/03/01	5:00 PM	14.30	20	167	8.2		37.2	214	0.050			0.060		0.110		0.020	0.129	153.0	706.0	695	72	DEQ
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	22914	1	6	05/08/01	4:30 PM	6.45	23	80	7.87	889	127	181	0.240			0.450		0.690		0.214	0.350	34.6	122.0	253	104	DEQ
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	23024	0	2	06/12/01	4:30 PM	8.72	27	116	7.86	2246	12	235	0.050			0.360		0.410		0.030	0.089	119.0	406.0	593	22	DEQ
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	23211	0	2	07/17/01	3:20 PM	5.52	27	74	7.53	926	14.3	209	0.044	0.010	0.150	**0.160**	0.700	0.204	0.860	0.234	0.096	56.3	264.6	417	15	AG LAB
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	23955	0	2	08/21/01	2:00 PM	0.49	26	6	7.44	695	48.8	109	0.069	0.010	0.520	**0.530**	0.360	0.599	0.890	0.045	0.073	270.0	570.3	682	16	AG LAB
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	24286	0	2	09/25/01	2:30 PM	5.71	15	60	7.81	366	77.3	71	0.607	0.250	1.350	**1.600**	2.648	2.207	4.248	0.423	0.694	9.9	48.4	117	18	AG LAB
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	24425	0	2	10/30/01	12:30 PM	0.40	14	4	6.62	582	1000	267	1.190	0.010	1.400	**1.410**	3.908	2.600	5.318	0.317	0.354	27.1	75.0	341	187	AG LAB
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	24558	0	2	12/11/01	12:40 PM	8.82	6	75	8.2	2019	6.44	219	0.075	0.010	0.500	**0.510**	0.400	0.585	0.910	0.005	0.026	84.2	433.4	632	10	AG LAB
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	24746	0	3	01/16/02	2:00 PM	12.51	6	107	8.2	2120	17.3	190	0.128	0.010	0.470	**0.480**	0.565	0.608	1.045	0.006	0.065	99.8	531.4	744	17	AG LAB
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	24877	0	2	02/20/02	2:40 PM	10.19	11	98		1918	8.53	168	0.022	0.010	0.010	**0.020**	0.464	0.042	0.484	0.013	0.059	90.4	487.8	800	10	AG LAB
90	Little Elk Creek	OK311500-03-0040G	Kiowa	CGP	24986	0	4	03/26/02	2:30 PM	14.69	10	138	8.55	1584	6.21	204	0.153	0.010	0.010	**0.020**	0.486	0.173	0.506	0.012	0.055	93.8	434.8	625	10	AG LAB
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	18590	4	4	05/23/00	11:40 AM	9.37	22	115	8	2083	11.6	270	0.050	0.053	3.030	**3.083**	0.290	3.133	3.373	0.094	0.152	100.0	840.0	1000	37	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	18791	16	6	06/27/00	10:50 AM	7.51	21	90	7.81	1764	128	180	0.131	0.017	1.270	**1.287**	1.080	1.418	2.367	0.165	0.434	90.0	630.0	845	134	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	19102	4	4	08/01/00	9:40 AM	8.42	19	97	7.96	1864	5.95	252	0.050			3.250	0.320	3.300	3.570	0.055	0.066	51.3	383.0	692	10	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	21659	2	4	09/06/00	11:00 AM	16.69	22	205	8.16	1373	3.36	270	0.050			2.810	0.270	2.860	3.080	0.025	0.059	23.3	31.9	545	1	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	21768	1	4	10/10/00	8:30 AM	9.09	9	84	8.21	1221	4.5	101	0.050			4.570	0.480	4.620	5.050	0.039	0.060	23.0	240.0	561	1	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	21967	3	4	11/14/00	7:30 AM	8.19	5	69	7.74	1384	4.09	101	0.050			3.360	0.330	3.410	3.690	0.034	0.051	34.6	357.0	909	1	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	22143	4	3	12/19/00	9:45 AM	10.63	3	85	7.88	1615	5.13	263	0.050			4.150	0.370	4.200	4.520	0.017	0.046	43.7	359.0	780	1	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	22416	4	5	01/30/01	3:45 PM	14.61	8	132	8.29		1.71	220	0.050			3.370	0.430	3.420	3.800	0.015	0.047	87.0	746.0	998	12	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	22655	5	4	03/06/01	1:30 PM	13.13	14	137	8.23	1800	4.11	246	0.050			0.050	0.260	0.100	0.310	0.052	0.074	80.7	690.0	950	20	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	22820	4	4	04/10/01	11:00 AM	7.84	18	89	7.87	1491	5.04	130	0.050			2.350		2.400		0.017	0.082	76.2	682.0	9445	42	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	22945	7	4	05/14/01	1:45 PM	7.69	25	100	7.94	856	20.8	172	0.050			0.050		0.100		0.110	0.237	474.0	1731.0	1979	176	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	23090	4	4	06/18/01	1:45 PM	8.94	30	127	7.17	1851	6.8	222	0.050			3.020		3.070		0.064	0.104	84.1	888.0	2307	8	DEQ
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	23306	2	4	07/23/01	2:00 PM	11.97	32	176	8.23	1122	4.79	190	0.015	0.490	2.880	**3.370**	0.740	3.385	4.110	0.041	0.082	32.4	385.0	522	27	AG LAB
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	24018	2	3	08/28/01	12:15 PM	14.88	25	193	8.42	1110	4.64	164	0.067	0.010	3.080	**3.090**	0.624	3.157	3.714	0.032	0.076	42.9	333.2	503	1	AG LAB
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	24332	0	3	10/02/01	4:45 PM		22		8.24	1098	2.35	214	0.112	0.400	3.640	**4.040**	0.346	4.152	4.386	0.006	0.016	29.6	342.3	535	10	AG LAB
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	24462	2	4	11/06/01	12:30 PM	7.71	17	86	7.42	1022	6.92	179	0.108	0.490	2.350	**2.840**	0.374	2.948	3.214	0.043	0.047	26.5	335.3	589	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	24616	3	4	12/18/01	12:10 PM	13.48	7	119	7.52	900	4.74	254	0.110	0.010	3.610	**3.620**	0.258	3.730	3.878	0.033	0.047	36.2	404.8	615	10	AG LAB
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	24779	3	4	01/23/02	11:30 AM	11.46	7	101	8.16	1435	1.14	242	0.031	0.560	3.490	**4.050**	0.329	4.081	4.379	0.007	0.007	44.9	495.1	804	10	AG LAB
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	24881	3	4	02/25/02	1:15 PM	16.75	10	159	8.2	1448	1.11	192	0.062	0.140	2.900	**3.040**	0.496	3.102	3.536	0.007	0.029	49.5	554.7	769	10	AG LAB
90	Turkey Creek	OK311510-02-0060G	Beckham	CGP	25029	3	4	04/02/02	12:45 PM	15.38	13	157	8	1540	1.98	212	0.105	0.240	2.100	**2.340**	0.484	2.445	2.824	0.024	0.030	55.7	605.5	761	10	AG LAB
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	18710	45	6	05/16/00	9:00 AM	4.57	21	54		3552	16	137	0.010	0.002	0.076	**0.078**	0.460	0.088	0.538	0.002	0.053	290.0	1660.0	1800	26	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	18774	143	7	06/20/00	9:30 AM	9.48	24	119	8.14	1940	775	127	0.066	0.003	0.480	**0.483**	1.640	0.549	2.123	0.009	0.692	150.0	744.0	820	578	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	18951	7	4	07/25/00	7:40 AM	8.85	22	107	8.1	3539	3.8	164	0.050			0.050	0.260	0.100	0.310	0.005	0.357	286.0	1079.0	1430	24	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	21320	1	3	08/29/00	10:20 AM	7.51	26	98	8.19	2500	3.93	108	0.050			0.050	0.540	0.100	0.590	0.019	0.031	660.0	679.0	976	8	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	21940	16	5	11/07/00	5:00 PM	11.21	7	97	8.23	1733	4.36	109	0.050			0.300	0.180	0.350	0.480	0.013	0.014	255.0	1278.0	1768	10	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	22126	3	4	12/12/00	9:45 AM	15.12	0	109	8.12	1017	3.2	158	0.050			0.690	0.170	0.740	0.860	0.005	0.021	259.0	1402.0	2441	9	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	22379	49	4	01/23/01	9:00 AM	12.70	4	102	8	842	6.89	151	0.050			0.870	0.240	0.920	1.110	0.012	0.137	269.0	1237.0	1600	26	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	22620	152	5	02/27/01	9:00 AM	9.90	12	97	8.22	1180	279	158	0.130			0.050	0.980	0.180	1.030	0.126	0.304	228.0	1010.0	1166	252	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	22828	70	4	04/03/01	10:00 AM	10.00	19	113	8.16		15.5	97	0.050			0.320		0.370		0.010	0.042	273.0	1329.0	1399	30	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	22910	255	5	05/08/01	9:30 AM	7.97	20	92	7.91	1748	494	143	0.060			0.210		0.270		0.211	0.492	159.0	775.0	456	368	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	23020	26	3	06/12/01	9:30 AM	8.29	25	106	8.05	2247	8.8	113	0.050			0.050		0.100		0.014	0.032	295.0	1568.0	1690	10	DEQ
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	24554	12	3	12/10/01	3:30 PM	10.50	10	98		2906	3.37	126	0.080	0.010	0.890	**0.900**	0.401	0.980	1.301	0.009	0.026	278.8	1755.5	1876	10	AG LAB
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	24742	18	3	01/16/02	8:15 AM	11.83	5	98	8.16	4181	3.5	146	0.160	0.010	1.120	**1.130**	0.447	1.290	1.577	0.005	0.013	316.0	1498.0	1884	10	AG LAB
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	24874	36	3	02/20/02	9:00 AM	11.22	8	100		4130	8.06	138	0.015	0.010	0.900	**0.910**	0.246	0.925	1.156	0.008	0.028	295.5	1524.0	1838	10	AG LAB
90	Salt Fork of the Red River	OK311600-02-0010G	Jackson	CGP	24982	28	3	03/26/02	9:00 AM	11.37	5	94	8.15	3848	4.39	121	0.076	0.010	0.630	**0.640**	0.340	0.716	0.980	0.005	0.019	297.3	1523.5	1716	10	AG LAB
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	18711	15	5	05/16/00	7:30 AM	4.08	21	48		4589	45.9	218	0.046	0.087	2.170	**2.257**	2.670	2.303	4.927	0.003	0.487	715.0	1410.0	1580	77	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	18773	26	6	06/20/00	8:00 AM	8.62	23	106	8.02	1937	469	119	0.185	0.022	1.310	**1.332**	1.650	1.517	2.982	0.317	1.250	250.0	406.0	515	297	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	18950	37	4	07/25/00	6:50 AM	7.08	25	90	7.84	3121	152	172	0.690			1.330	1.350	2.020	2.680	0.196	0.273	312.0	650.0	856	178	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	21321	36	5	08/29/00	9:00 AM	6.18	25	79	7.94	3183	254	166	0.080			0.680	0.940	0.760	1.620	0.296	0.511	772.0	639.0	942	268	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	21411	4	4	10/03/00	7:00 AM	6.51	19	74	8.1	4583	34.8	184	0.050			1.380	0.920	1.430	2.300	0.024	0.161	830.0	801.0	1642	70	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	22125	9	4	12/12/00	8:30 AM	13.28	2	101	7.96	1263	10.8	261	0.050			3.960	0.420	4.010	4.380	0.023	0.061	889.0	1223.0	2298	15	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	22329	10	4	01/22/01	5:00 PM	16.17	7	140	8.2		9.04	228	0.110			4.220	0.750	4.330	4.970	0.050	0.111	867.0	1221.0	1798	28	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	22607	55	6	02/26/01	5:30 PM	9.99	13	100	8.01	1397	112.2	196	0.880			3.920	2.260	4.800	6.180	0.308	0.351	395.0	737.0	997	124	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	22802	17	4	04/02/01	5:45 PM	12.50	21	148	8.19		44.3	227	0.100			3.250		3.350		0.026	0.280	834.0	1415.0	1601	104	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	22897	18	4	05/07/01	6:00 PM	6.73	21	79	7.75	2288	178	189	0.320			2.710		3.030		0.221	0.407	494.0	933.0	516	174	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	23019	8	4	06/11/01	4:30 PM	17.96	28	242	8.32	2728	34.9	172	0.050			2.020		2.070		0.025	0.188	899.0	1379.0	1770	72	DEQ
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	23206	34	6	07/16/01	4:00 PM	4.26	31	60	7.76	1337	37.2	181	0.015	0.010	1.310	**1.320**	1.400	1.335	2.720	0.207	0.437	404.5	753.5	951	53	AG LAB
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	23950	17	4	08/20/01	3:30 PM	12.57	30	175	7.82	1064	105	143	0.193	0.010	1.850	**1.860**	0.900	2.053	2.760	0.319	0.325	334.8	630.0	818	115	AG LAB
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	24281	9	3	09/24/01	3:40 PM	11.10	23	136	8.41	1829	29.4	242	0.105	0.010	2.670	**2.680**	0.639	2.785	3.319	0.063	0.166	726.9	1268.5	1648	32	AG LAB
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	24420	5	4	10/29/01	4:45 PM	15.50	19	176	8.22	4932	18.1	189	0.191	0.010	2.040	**2.050**	1.123	2.241	3.173	0.005	0.112	869.0	1714.3	1847	19	AG LAB
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	24553	5	3	12/10/01	2:30 PM	16.93	9	154	7.92	44	22.7	237	0.085	0.010	2.750	**2.760**	0.413	2.845	3.173	0.034	0.067	823.5	1635.8	1913	39	AG LAB
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	24741	4	3	01/15/02	3:30 PM	15.78	9	144	7.93	5.95	24.5	217	0.206	0.010	3.070	**3.080**	0.649	3.286	3.729	0.010	0.091	769.0	1480.0	1946	38	AG LAB
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	24873	1		02/19/02	3:50 PM	13.63	15	142			26.3	239	0.294	0.010	3.540	**3.550**	0.866	3.844	4.416	0.058	0.116	790.0	1511.0	2057	27	AG LAB
90	Bitter Creek	OK311600-02-0110G	Jackson	CGP	24981	0	4	03/25/02	4:00 PM	10.44	10	97	8.42	5570		198	0.361	0.010	2.390	**2.400**	1.237	2.761	3.637	0.107	0.185	787.0	1345.5	1727	32	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Cave Creek	OK311600-02-0140G	Greer	CGP	18713	1	4	05/16/00	10:30 AM	8.91	20	104		2919	9.07	138	0.035	0.012	1.130	**1.142**	0.430	1.177	1.572	0.004	0.031	85.0	1660.0	1950	9	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	18775	1	5	06/20/00	11:00 AM	10.92	24	138	8	2481	19.4	125	0.095	0.024	0.980	**1.004**	0.570	1.099	1.574	0.032	0.118	55.0	1417.0	1510	8	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	18952	1	4	07/25/00	9:30 AM	8.50	23	105	7.8	3007	2.71	134	0.050			1.540	0.310	1.590	1.850	0.015	0.092	64.9	1287.0	1994	18	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	21319	0	3	08/29/00	11:30 AM	8.97	26	118	8.05	2339	6.05	123	0.050			0.920	0.300	0.970	1.220	0.023	0.041	52.4	1374.0	2437	18	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	21478	0	4	10/03/00	9:30 AM	7.55	17	83	8.22	2480	8.64	142	0.050			1.060	0.370	1.110	1.430	0.009	0.032	66.8	998.0	2402	14	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	22127	0	4	12/12/00	11:30 AM	14.34	1	107	8.05	941			0.050			1.670	0.470	1.720	2.140	0.007	0.023	61.9	1408.0	2276	27	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	22380	0		01/23/01	11:00 AM	12.70	4	103	8	842	6.89	151	0.050			1.900	0.140	1.950	2.040	0.006	0.070	93.8	1446.0	1984	10	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	22621	1	5	02/27/01	11:30 AM	10.46	10	99	7.95	1201	4.32	124	0.050			1.920	0.280	1.970	2.200	0.010	0.039	62.5	1488.0	1623	8	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	22829	1	4	04/03/01	12:30 PM	11.00	17	121	7.94		12.4	354	0.050			1.280		1.330		0.005	0.041	95.6	1659.0	1901	28	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	22911	2	4	05/08/01	12:00 PM	7.91	17	87	7.82	2300	16.8	126	0.070			1.530		1.600		0.067	0.123	54.8	1444.0	774	26	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	23021	1	3	06/12/01	11:30 AM	8.12	24	103	7.83	1709	4.88	141	0.050			1.910		1.960		0.016	0.038	66.1	1725.0	1878	5	DEQ
90	Cave Creek	OK311600-02-0140G	Greer	CGP	23208	0	3	07/17/01	11:00 AM	9.55	27	128	7.69	1406	6.29	143	0.015	0.010	1.450	**1.460**	0.570	1.475	2.030	0.030	0.071	48.6	1640.0	1911	8	AG LAB
90	Cave Creek	OK311600-02-0140G	Greer	CGP	23952	0	3	08/21/01	10:00 AM	6.55	24	83	7.51	958	33.4	118	0.351	0.010	1.290	**1.300**	0.650	1.651	1.950	0.075	0.114	32.6	1387.5	1580	39	AG LAB
90	Cave Creek	OK311600-02-0140G	Greer	CGP	24283	0	3	09/25/01	10:00 AM	8.38	15	88	7.6	1410	7.53	123	0.015	0.010	1.870	**1.880**	0.531	1.895	2.411	0.032	0.064	41.7	1566.5	1937	10	AG LAB
90	Cave Creek	OK311600-02-0140G	Greer	CGP	24422	0	4	10/30/01	8:15 AM	4.48	13	45	7.16	2866	2.07	132	0.046	0.010	1.180	**1.190**	0.505	1.236	1.695	0.005	0.020	54.0	1718.0	2065	11	AG LAB
90	Cave Creek	OK311600-02-0140G	Greer	CGP	24555	0	3	12/11/01	9:00 AM	10.33	4	84	8.17	2853	1.33	159	0.070	0.010	1.950	**1.960**	0.383	2.030	2.343	0.005	0.015	62.5	1739.5	1943	10	AG LAB
90	Cave Creek	OK311600-02-0140G	Greer	CGP	24743	0	3	01/16/02	10:00 AM	10.56	5	88	8.13	3562	2.46	148	0.045	0.010	1.840	**1.850**	0.358	1.895	2.208	0.005	0.013	70.1	1584.0	2032	10	AG LAB
90	Cave Creek	OK311600-02-0140G	Greer	CGP	24876	0	4	02/20/02	11:30 AM	8.46	10	80		3561	7.17	125	0.051	0.010	1.460	**1.470**	0.468	1.521	1.938	0.005	0.029	84.5	1669.5	2101	10	AG LAB
90	Cave Creek	OK311600-02-0140G	Greer	CGP	24983	0	4	03/26/02	11:00 AM	11.15	7	98	8.18	3151	1.42	114	0.015	0.010	1.130	**1.140**	0.304	1.155	1.444	0.011	0.026	79.8	1644.5	1776	10	AG LAB
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	18714	2	5	05/16/00	11:30 AM	8.50	21	101		4126	50.4	144	0.010	0.006	0.540	**0.546**	0.440	0.556	0.986	0.003	0.067	410.0	1950.0	2240	58	DEQ
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	18776	4	6	06/20/00	12:30 PM	7.76	24	98	8.84	3221	79.4	115	0.037	0.006	0.410	**0.416**	0.570	0.453	0.986	0.008	0.148	150.0	1605.0	1710	75	DEQ
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	18953	2	4	07/25/00	10:50 AM	7.63	22	93	7.7	3950	12.2	123	0.050			0.210	0.250	0.260	0.460	0.016	0.016	281.0	1408.0	2327	70	DEQ
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	21318	0	3	08/29/00	1:00 PM	5.82	26	76	7.97	3281	41.1	155	0.060			0.250	0.430	0.310	0.680	0.033	0.103	1167.0	1773.0	3714	62	DEQ
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	21479	0	3	10/03/00	11:30 AM	5.29	18	59	8	3435	31	163	0.050			0.230	0.510	0.280	0.740	0.008	0.066	816.0	9428.0	4011	48	DEQ
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	22381	1	4	01/23/01	1:00 PM	13.15	3	104	7.97	1811	8.34	161	0.050			0.870	0.240	0.920	1.110	0.010	0.043	579.0	1621.0	2115	14	DEQ
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	22622	4	5	02/27/01	1:30 PM	10.95	9	101	8.04	1241	99.1	127	0.050			0.730	0.610	0.780	1.340	0.088	0.131	141.0	1439.0	1597	96	DEQ
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	22830	1	3	04/03/01	2:00 PM	10.25	18	115	8.01		44.8	153	0.050			0.440		0.490		0.017	0.087	287.0	1771.0	1964	30	DEQ
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	22912	1	5	05/08/01	1:45 PM	8.06	20	94	7.96	2634	221	51	0.060			0.430		0.490		0.157	0.307	83.6	1625.0	926	204	DEQ
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	23022	3	3	06/12/01	1:00 PM	8.01	27	107	7.9	2003	84.4	117	0.050			0.630		0.680		0.035	0.120	234.0	1894.0	2020	72	DEQ
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	23209	1	3	07/17/01	12:20 PM	6.25	27	83	7.68	1595	17.4	116	0.025	0.010	0.240	**0.250**	0.630	0.275	0.880	0.057	0.347	516.8	2076.0	2320	10	AG LAB
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	23953	1	3	08/21/01	11:45 AM	6.31	25	81	7.65	1131	140	99	0.089	0.010	0.750	**0.760**	0.520	0.849	1.280	0.043	0.146	249.8	1689.3	1754	53	AG LAB
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	24284	1	3	09/25/01	11:30 AM	7.32	15	77	7.32	1768	68.3	108	0.015	0.010	0.580	**0.590**	0.172	0.605	0.762	0.011	0.074	335.9	2170.4	2095	45	AG LAB
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	24423	0	4	10/30/01	9:15 AM	4.92	13	50	7.18	5.07	39.4	125	0.088	0.010	0.510	**0.520**	0.566	0.608	1.086	0.005	0.040	603.8	2245.5	2575	33	AG LAB
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	24556	0	3	12/11/01	10:15 AM	10.42	4	85	8.25	5.32	8.2	173	0.044	0.010	1.060	**1.070**	0.371	1.114	1.441	0.005	0.006	554.5	1900.0	2340	10	AG LAB
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	24744	0	3	01/16/02	11:30 AM	10.69	4	87	7.93	6.4	10.1	161	0.177	0.010	1.230	**1.240**	0.585	1.417	1.825	0.005	0.018	714.8	1938.0	2556	19	AG LAB
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	24875	0	3	02/20/02	10:50 AM	8.22	8	74		6.89	17.6	139	0.181	0.010	0.930	**0.940**	0.855	1.121	1.795	0.014	0.061	716.5	1958.5	2507	14	AG LAB
90	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	CGP	24984	0	3	03/26/02	12:15 PM	11.50	6	98	8.05	6200	10.8	140	0.123	0.010	0.830	**0.840**	0.835	0.963	1.675	0.014	0.028	953.5	2180.5	2514	11	AG LAB
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	18560	1	3	05/16/00	8:45 AM	6.77	19	76	7.61	3.31	12	295	0.119	0.047	0.850	**0.897**	0.870	1.016	1.767	0.029	0.097	890.0	39.5	690	9	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	19223	10	5	06/20/00	7:30 AM	6.64	23	81	7.79		375	129	0.074	0.019	1.140	**1.159**	0.960	1.233	2.119	0.069	0.284	160.0	7.6	205	196	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	18936	1	4	07/24/00	9:00 AM	6.65	22	80	7.37	1465	106	130	0.150			1.180	0.450	1.330	1.630	0.140	0.214	542.0	36.6	452	346	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	21326	0	3	08/28/00	10:30 AM	6.66	26	86		8020	7.41	172	0.050			0.050	1.180	0.100	1.230	0.047	0.126	2855.0	12.0	1518	28	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	21358	0	2	10/02/00	9:00 AM	5.05	16	54	7.48	370	48	114	1.300			0.180	2.030	1.480	2.210	0.410	0.453	24.3	20.6	118	8	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	21934	0	5	11/07/00	2:45 PM	7.29	9	66	7.56	722	56	115	0.060			0.140	0.540	0.200	0.680	0.099	0.115	247.0	14.0	250	40	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	22080	0	3	12/12/00	1:15 PM	6.69	2	51	7.47	2821	12.6	335	0.050			0.050	0.290	0.100	0.340	0.013	0.047	1452.0	14.1	864	10	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	22190	0	4	01/23/01	2:30 PM	15.74	7	136	7.67	4.62	8.73	236	0.100			0.050	0.590	0.150	0.640	0.012	0.072	1210.0	31.3	770	1	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	22544	0	5	02/26/01	10:20 AM	8.85	9	80	7.37	1568	28.3	174	0.080			0.290	0.660	0.370	0.950	0.078	0.169	562.0	16.4	413	10	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	22807	0	2	04/03/01	12:15 PM	3.00	16	32	7.17	5.16	6.42	203	0.050			0.080		0.130		0.006	0.067	1655.0	12.7	924	1	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	22932	0	4	05/08/01	2:30 PM	5.02	19	57	7.09	4060	8.81	225	0.120			0.080		0.200		0.017	0.077	2035.0	9.5	504	15	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	23060	0	4	06/12/01	2:30 PM	5.60	27	74	7.37	7.9	9.67	254	0.070			0.050		0.120		0.012	0.043	2611.0	9.1	24	21	DEQ
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	23222	0	2	07/17/01	1:30 PM	0.70	25	9	7.07	9.42	11.4	238	0.022	0.010	0.410	**0.420**	0.600	0.442	1.020	0.108	0.139	3256.0	3.2	2030	10	AG LAB
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	23987	0	2	08/21/01	1:20 PM	0.69	24	9	7.04	1845	9	175	0.256	0.010	0.510	**0.520**	0.790	0.776	1.310	0.019	0.069	269.8	6.0	321	1	AG LAB
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	24273	0	4	09/26/01	1:00 PM	7.80	17	85	8.04	3629	8.65	268	0.296	0.010	1.380	**1.390**	0.664	1.686	2.054	0.005	0.053	959.8	30.1	686	10	AG LAB
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	24427	0	3	10/31/01	1:45 PM	9.45	15	98	7.86	4265	5.53	341	0.139	0.010	0.480	**0.490**	0.493	0.629	0.983	0.005	0.023	1141.8	26.4	769	10	AG LAB
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	24578	0	4	12/11/01	12:30 PM	2.86	8	25	6.5	7.39	5.06	287	0.015	0.010	0.010	**0.020**	0.468	0.035	0.488	0.019	0.031	2421.5	5.1	1450	10	AG LAB
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	24733	0	4	01/15/02	2:15 PM	6.77	8	60	5.01	7150	3.08	269	0.015	0.010	0.460	**0.470**	0.262	0.485	0.732	0.006	0.019	2291.0	5.9	1436	10	AG LAB
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	24850	0	4	02/19/02	6:00 PM	6.33	14	64	7.53	1701	17.8	193	0.114	0.010	0.490	**0.500**	0.581	0.614	1.081	0.014	0.083	608.5	10.1	548	10	AG LAB
90	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	CGP	25003	0	4	03/25/02	4:15 PM	5.97	7	52	7.25	1672	11.2	170	0.194	0.010	0.720	**0.730**	0.593	0.924	1.323	0.038	0.047	424.2	6.7	332	11	AG LAB
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	18559	1	4	05/15/00	4:00 PM	6.02	18	67	7.73	890	23.3	292	0.076	0.036	0.460	**0.496**	0.680	0.572	1.176	0.140	0.268	45.0	124.0	450	80	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	19221	10	6	06/19/00	2:00 PM	8.34	20	97	7.78		139	97	0.135	0.019	0.520	**0.539**	1.440	0.674	1.979	0.287	0.827	15.0	26.1	160	85	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	18948	0	4	07/24/00	4:00 PM	0.56	23	7		416	14.6	157	0.050			0.050	0.990	0.100	1.040	0.822	0.997	8.2	42.5	183	364	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	21328	0	2	08/28/00	4:55 PM	4.50	27	59		720	27.7	305	0.180			0.170	1.080	0.350	1.250	0.530	0.731	193.0	22.8	369	22	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	21356	0	2	10/02/00	8:30 PM	3.16	20	37	7.65	930	11.9	375	0.050			0.140	0.390	0.190	0.530	0.152	0.371	26.1	33.1	504	26	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	21935	0	5	11/07/00	3:45 PM	3.59	9	33	7.62	269.2	24.3	120	0.070			0.090	0.490	0.160	0.580	0.142	0.192	9.6	23.8	177	26	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	22079	0	4	12/12/00	2:30 PM	11.88	1	88	7.74	272.1	17.6	176	0.050			0.380	0.470	0.430	0.850	0.094	0.129	16.9	50.9	199	10	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	22191	2	4	01/23/01	3:30 PM	12.14	4	97	8.19	851	11.6	227	0.060			0.880	0.440	0.940	1.320	0.063	0.100	36.1	117.0	323	12	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	22543	13	6	02/26/01	8:45 AM	10.03	8	89	7.9	393.4	468	128	0.260			1.090	1.880	1.350	2.970	0.416	0.422	28.9	174.0	207	280	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	22808	3	4	04/03/01	1:15 PM	10.42	19	118	8.13	910	23.1	198	0.060			0.370		0.430		0.041	0.148	53.7	136.0	356	18	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	22933	4	4	05/08/01	3:45 PM	6.69	18	74	7.98	672	49.5	272	0.270			0.940		1.210		0.201	0.300	61.1	110.0	361	46	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	23061	1	4	06/12/01	3:30 PM	5.68	26	74	7.72	1012	22.9	288	0.070			0.540		0.610		0.138	0.215	43.2	171.0	199	21	DEQ
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	23223	0	3	07/17/01	2:30 PM	3.27	27	43	7.47	662	17.9	211	0.660	0.010	0.520	**0.530**	0.650	1.190	1.180	0.484	0.282	36.7	79.2	266	9	AG LAB
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	23988	0	4	08/21/01	2:10 PM	1.30	25	17	7.26	605	13.3	217	0.153	0.010	0.590	**0.600**	0.799	0.753	1.399	0.111	0.167	53.4	58.5	216	22	AG LAB
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	24274	0	5	09/26/01	2:00 PM	2.98	17	32	7.46	368.2	199	136	0.498	0.010	0.940	**0.950**	1.378	1.448	2.328	0.175	0.276	10.6	25.8	152	10	AG LAB
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	24428	0	5	10/31/01	2:45 PM	0.89	15	9	7.35	472.4	14.7	162	0.171	0.510	0.450	**0.960**	0.886	1.131	1.846	0.199	0.277	17.4	27.6	199	10	AG LAB
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	24579	1	4	12/11/01	1:45 PM	9.41	6	79	6.68	555	6.1	205	0.169	0.010	0.520	**0.530**	0.449	0.699	0.979	0.070	0.096	23.1	46.3	229	15	AG LAB
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	24734	0	4	01/15/02	3:00 PM	11.95	5	98	5.8	746	415	256	0.015	0.310	0.520	**0.830**	0.441	0.845	1.271	0.041	0.059	35.3	89.5	333	10	AG LAB
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	24857		5	02/20/02	4:15 PM	14.57	13	145	8	808	13.1	298	0.138	0.140	0.470	**0.610**	0.675	0.748	1.285	0.062	0.094	34.9	85.1	359	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Shell Creek	OK520530-00-0030G	Canadian	CGP	25010	2	4	03/26/02	4:30 PM	14.54	11	139	7.8	724	12.2	245	0.172	0.010	0.510	**0.520**	0.829	0.692	1.349	0.090	0.151	34.5	87.6	257	10	AG LAB
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	18564	2	4	05/16/00	1:30 PM	10.53	21	125	7.97	831	24.1	187	0.010	0.008	0.122	**0.130**	0.610	0.140	0.740	0.059	0.123	20.0	185.0	470	21	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	19226	6	5	06/20/00	12:30 PM	7.98	23	98	7.92		72.4	179	0.100	0.023	0.168	**0.191**	0.660	0.291	0.851	0.124	0.303	13.0	138.0	340	66	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	18957	2	4	07/25/00	9:45 AM	6.60	22	80		837	34.2	255	0.050			0.170	0.450	0.220	0.620	0.069	0.150	9.7	166.0	518	332	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	21332	0	3	08/29/00	9:30 AM	6.37	24	80		1057	18.6	201	0.050			0.050	0.390	0.100	0.440	0.116	0.184	14.9	245.0	493	10	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	21408	0	3	10/03/00	2:30 PM	7.96	23	98	7.78	1151	20.3	291	0.050			0.050	0.270	0.100	0.320	0.048	0.144	19.7	185.0	493	8	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	21972	1	4	11/14/00	5:00 PM	12.12	8	108	7.94	749	18.7	199	0.050			0.330	0.300	0.380	0.630	0.067	0.089	10.3	109.0	405	18	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	22135	1	4	12/18/00	9:00 AM	12.74	3	100	7.8	681	17	88	0.050			0.470	0.360	0.520	0.830	0.041	0.084	5.4	75.4	377	10	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	22390	12	6	01/29/01	9:00 AM	11.18	4	90	7.98	629	159	228	0.120			0.380	0.880	0.500	1.260	0.200	0.339	7.6	73.7	74	168	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	22626	5	4	03/05/01	9:00 AM	10.61	7	92	8.06	654	25	241	0.080			0.270	0.340	0.350	0.610	0.077	0.095	11.8	142.0	396	46	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	22810	5	4	04/09/01	8:00 AM	7.11	18	79	7.86	819	46.1	190	0.100			0.310		0.410		0.091	0.232	11.8	276.0	430	100	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	22942	3	4	05/14/01	8:30 AM	6.23	20	73	7.7	7.25	52.4	232	0.050			0.720		0.770		0.076	0.145	7.5	44.9	259	29	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	23087	3	4	06/18/01	9:00 AM	6.52	21	77	7.26	847	34	244	0.050			0.120		0.170		0.120	0.193	15.3	170.0	432	16	DEQ
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	23303	1	4	07/23/01	9:45 AM	4.74	25	61	7.63	940	28.2	263	0.037	0.010	0.510	**0.520**	0.560	0.557	1.080	0.347	0.207	20.3	213.8	467	25	AG LAB
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	24008	1	4	08/27/01	9:00 AM	5.27	23	65	7.87	714	63.7	153	0.378	0.010	0.540	**0.550**	0.984	0.928	1.534	0.190	0.316	14.8	127.1	331	66	AG LAB
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	24322	1	3	10/01/01	10:00 AM	7.43	16	80	7.79	860	28.8	257	0.107	0.010	0.520	**0.530**	0.588	0.637	1.118	0.065	0.096	17.0	193.5	317	24	AG LAB
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	24453	1	4	11/05/01	8:30 AM	6.23	15	65	8.34	655	29.4	161	0.138	0.390	0.460	**0.850**	0.525	0.988	1.375	0.143	0.152	13.6	131.4	371	10	AG LAB
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	24606	2	5	12/17/01	9:00 AM	9.09	7	79	7.76	481	11.8	218	0.110	0.010	0.710	**0.720**	0.170	0.830	0.890	0.042	0.112	11.8	108.4	347	10	AG LAB
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	24769	2	4	01/22/02	8:30 AM	10.31	5	85	8.1	703	6.83	199	0.015	0.010	0.490	**0.500**	0.248	0.515	0.748	0.015	0.040	12.5	113.9	400	11	AG LAB
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	24878	3	4	02/25/02	8:30 AM	6.10	7	53	7.69	747	9.15	225	0.049	0.090	0.480	**0.570**	0.336	0.619	0.906	0.089	0.110	13.6	123.9	287	10	AG LAB
90	Buggy Creek	OK520610-02-0120G	Caddo	CGP	25020	3	4	04/01/02	9:10 AM	8.39	13	84	7	764	11.9	298	0.035	0.010	0.510	**0.520**	0.375	0.555	0.895	0.095	0.149	12.8	120.0	356	13	AG LAB
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	18562	9	4	05/16/00	10:10 AM	7.39	21	86	8.34	430	11.2	288	0.010	0.004	0.018	**0.022**	0.470	0.032	0.492	0.016	0.043	40.0	38.8	400	9	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	19224	29	6	06/20/00	9:00 AM	8.03	23	98	8.02		998	161	0.296	0.055	0.460	**0.515**	2.000	0.811	2.515	0.128	0.813	13.0	8.3	240	850	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	18959	8	4	07/25/00	12:15 PM	6.89	24	85		891	6.06	329	0.050			0.050	0.160	0.100	0.210	0.029	0.094	22.5	47.3	484	314	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	21330	0	3	08/29/00	12:00 PM	10.30	33	150		1112	4.28	410	0.060			0.050	0.740	0.110	0.790	0.084	0.119	15.1	103.0	431	8	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	21405	1	3	10/03/00	6:00 PM	7.84	24	97	8.36	974	12.9	353	0.050			0.050	0.350	0.100	0.400	0.006	0.102	44.6	62.0	570	40	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	21950	44	5	11/13/00	12:00 PM	10.72	6	90	8.26	720	29.6	346	0.050			0.280	0.380	0.330	0.660	0.076	0.123	18.7	43.2	478	28	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	22089	40	5	12/18/00	11:20 AM	13.66	2	103	8.39	482	19	380	0.050			0.250	0.200	0.300	0.450	0.005	0.076	14.7	39.7	553	21	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	22528	775	7	01/29/01	1:30 PM	12.08	6	101	8.32	485.6			0.350			0.500	2.460	0.850	2.960	0.501	0.533	14.3	106.0	240	1070	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	22641	87	4	03/05/01	12:00 PM	11.52	11	109	8.18	1044	30.6	351	0.050			0.290	0.440	0.340	0.730	0.043	0.112	18.7	34.1	398	38	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	22848	60	4	04/09/01	1:00 PM	11.58	24	144	8.01	806	15	361	0.050			0.050		0.100		0.010	0.080	5.0	168.0	420	52	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	22937	37	3	05/14/01	12:00 PM	10.45	27	137	8.05	1006	11.8	271	0.050			0.110		0.160		0.024	0.054	23.9	34.6	408	22	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	23064	25	3	06/18/01	11:30 AM	9.69	27	127	7.99	781	6.09	351	0.050			0.050		0.100		0.011	0.034	28.9	41.5	370	10	DEQ
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	23293	9	3	07/23/01	10:50 AM	9.16	31	129	7.93	747	7.11	359	0.015	0.010	0.450	**0.460**	0.400	0.475	0.860	0.049	0.129	36.5	62.9	323	7	AG LAB
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	24022	13	3	08/27/01	11:30 AM	8.55	29	116	7.85	656	54.9	203	0.283	0.010	0.690	**0.700**	0.718	0.983	1.418	0.048	0.107	20.1	40.9	246	39	AG LAB
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	24336	0	3	10/01/01	11:00 AM	9.53	18	105	8.29	855	7.76	339	0.028	0.010	0.480	**0.490**	0.228	0.518	0.718	0.005	0.040	30.9	58.5	435	10	AG LAB
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	24431	16	3	11/05/01	10:45 AM	7.47	17	81	8.11	550	34.5	294	0.116	0.010	0.560	**0.570**	0.518	0.686	1.088	0.079	0.087	21.1	42.2	385	21	AG LAB
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	24585	44	4	12/17/01	11:30 AM	10.74	8	95	8.19	765	132	279	0.478	0.010	1.130	**1.140**	1.380	1.618	2.520	0.177	1.538	17.8	26.9	323	99	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	24759	16	3	01/22/02	10:45 AM	12.89	6	108	5.85	1169	8.03	380	0.015	0.010	0.530	**0.540**	0.255	0.555	0.795	0.005	0.038	26.9	52.2	433	13	AG LAB
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	24892	16	4	02/25/02	10:30 AM	11.43	8	101	8.33	1150	6.55	352	0.041	0.110	0.480	**0.590**	0.315	0.631	0.905	0.015	0.037	28.3	49.7	440	15	AG LAB
90	North Walnut Creek	OK520610-03-0010G	McClain	CGP	25044	19	4	04/01/02	10:30 AM	10.78	17	116	8.43	864	8.04	330	0.021	0.010	0.520	**0.530**	0.119	0.551	0.649	0.026	0.050	26.9	43.5	433	10	AG LAB
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	18563	6	4	05/16/00	11:30 AM	7.53	22	90	8.21	514	51.7	325	0.010	0.003	0.010	**0.013**	0.480	0.023	0.493	0.015	0.054	20.0	31.2	380	33	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	19225	39	5	06/20/00	10:30 AM	8.43	24	105	8.15		1000	168	0.327	0.049	0.500	**0.549**	1.900	0.876	2.449	0.120	0.802	9.0	8.4	235	985	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	18958	2	4	07/25/00	11:15 AM	6.39	23	78		650	45.4	312	0.050			0.050	0.540	0.100	0.590	0.095	0.165	11.1	30.9	358	354	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	21331	0	2	08/29/00	11:00 AM	9.81	28	131		964	41.4	298	0.060			0.050	0.440	0.110	0.490	0.009	0.043	80.2	511.0	786	1	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	21403	0	2	10/03/00	4:30 PM	5.76	22	69	7.7	300	503	141	0.050			0.050	1.050	0.100	1.100	1.090	1.492	11.8	99.0	146	308	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	21948	13	5	11/13/00	8:00 AM	11.97	4	95	8.13	845	22.4	298	0.070			0.270	0.360	0.340	0.630	0.081	0.127	8.2	26.2	407	26	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	22087	14	5	12/18/00	8:00 AM	15.43	1	113	8.33	733	24.9	339	0.110			0.510	0.350	0.620	0.860	0.005	0.099	19.0	29.1	495	21	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	22526		6	01/29/01	8:00 AM	13.02	4	104	7.47	451.1			0.510			0.570	3.880	1.080	4.450	0.673	0.944	13.7	93.4	324	1910	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	22639	28	4	03/05/01	9:00 AM	11.64	7	100	8.31	965	23.8	347	0.080			0.360	0.370	0.440	0.730	0.044	0.078	10.1	26.4	369	38	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	22846	16	4	04/09/01	9:30 AM	8.15	11	77	7.9	654	10.5	346	0.050			0.270		0.320		0.020	0.065	8.4	279.0	402	42	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	22935	9	3	05/14/01	9:00 AM	8.05	22	96	8.01	907	9.05	322	0.050			0.180		0.230		0.018	0.097	13.8	27.1	396	5	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	23062	8	3	06/18/01	9:00 AM	8.31	23	101	7.88	839	11.3	333	0.050			0.100		0.150		0.014	0.035	18.0	29.3	346	44	DEQ
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	23291	0	3	07/23/01	9:00 AM	5.96	25	75	8.03	701	10.3	299	0.015	0.010	0.440	**0.450**	0.470	0.465	0.920	0.035	0.005	20.0	35.2	287	14	AG LAB
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	24020	0	3	08/27/01	9:00 AM	6.90	24	86	7.48	714	205	204	0.438	0.010	0.820	**0.830**	1.063	1.268	1.893	0.196	0.186	12.4	25.3	224	113	AG LAB
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	24334	0	3	10/01/01	9:00 AM	8.03	15	83	8.43	844	18.8	335	0.015	0.010	0.490	**0.500**	0.278	0.515	0.778	0.005	0.068	17.4	34.3	384	10	AG LAB
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	24429	0	3	11/05/01	9:00 AM	7.44	16	79	7.58	502	9.54	335	0.153	0.010	0.630	**0.640**	0.544	0.793	1.184	0.053	0.096	17.2	32.0	422	10	AG LAB
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	24583	9	3	12/17/01	9:00 AM	10.23	7	88	7.86	1230	100	372	3.387	0.010	3.990	**4.000**	6.059	7.387	10.059	0.443	1.392	20.9	29.9	399	52	AG LAB
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	24757	5	3	01/22/02	8:30 AM	11.75	4	94	6.77	711	9.3	375	0.015	0.010	0.700	**0.710**	0.310	0.725	1.020	0.017	0.060	16.1	36.8	421	10	AG LAB
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	24890	4	3	02/25/02	8:30 AM	9.84	7	85	7.71	1073	11.5	350	0.093	0.010	0.560	**0.570**	0.337	0.663	0.907	0.029	0.051	17.2	35.9	392	10	AG LAB
90	North Fork Walnut Creek	OK520610-03-0080G	McClain	CGP	25042	6	4	04/01/02	8:30 AM	8.81	13	87	8.32	754	10.9	322	0.060	0.010	0.010	**0.020**	0.101	0.080	0.121	0.056	0.065	17.0	30.6	401	11	AG LAB
104	Bear Creek	OK520620-01-0120G	Custer	CGP	18584	4	5	05/22/00	7:00 AM	8.28	18	93	8.14	548	7.55	199	0.180	0.027	0.890	**0.917**	0.480	1.097	1.397	0.048	0.100	15.0	87.0	270	31	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	18749	10	5	06/26/00	7:00 AM	7.08	22	86	7.88	351.1	49.6		0.073	0.017	0.680	**0.697**	0.690	0.770	1.387	0.098	0.254	15.0	78.0	220	120	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	19104	3	4	07/31/00	7:00 AM	7.60	19	87	8.02	703	3.54	198	0.050			1.070	0.190	1.120	1.260	0.043	0.073	6.0	47.6	218	6	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	21551	2	4	09/05/00	7:00 AM	7.72	22	93	8.12	489.5	5.69	187	0.050			0.810	0.320	0.860	1.130	0.028	0.051	5.0	12.1	233	1	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	21749	3	4	10/09/00	9:30 AM	11.86	4	96	8.4	592	2.21	170	0.050			1.750	0.230	1.800	1.980	0.011	0.021	7.8	60.1	277	1	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	21955	7	4	11/13/00	9:00 AM	10.42	2	80	8.29	635	12.3	171	0.050			1.520	0.330	1.570	1.850	0.047	0.104	10.1	83.1	82	4	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	22146	5	4	12/19/00	2:30 PM	12.56	3	99		647	10.1	90	0.050			1.660	0.300	1.710	1.960	0.023	0.051	8.6	73.4	324	5	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	22392	5	4	01/29/01	11:30 AM	12.19	4	98	8.21	685	7.42	178	0.050			1.450	0.580	1.500	2.030	0.019	0.066	8.1	68.4	256	12	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	22656	5	4	03/06/01	3:30 PM	10.60	13	106	8.4	600	11.9	189	0.070			1.490	0.390	1.560	1.880	0.050	0.077	9.4	77.7	273	22	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	22821	11	4	04/10/01	1:00 PM	8.99	20	105	8.4	403.3	4.19	166	0.050			0.870		0.920		0.033	0.068	8.6	84.0	292	32	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	22967	4	4	05/15/01	1:30 PM	7.66	30	107	8.43	426.5	6.66	170	0.050			0.840		0.890		0.073	0.194	9.7	82.7	253	10	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	23098	2	4	06/19/01	12:00 PM	8.08	28	109	7.94	508	4.32	166	0.050			0.910		0.960		0.058	0.090	9.6	64.5	237	6	DEQ
104	Bear Creek	OK520620-01-0120G	Custer	CGP	23314	1	4	07/24/01	12:45 PM	8.42	33	124	7.8	444	8.12	170	0.021	0.420	0.780	**1.200**	0.540	1.221	1.740	0.188	0.074	12.5	79.0	224	9	AG LAB
104	Bear Creek	OK520620-01-0120G	Custer	CGP	24019	1	3	08/28/01	2:00 PM	7.69	29	106	8.38	560	4.14	151	0.058	0.010	1.020	**1.030**	0.258	1.088	1.288	0.031	0.054	13.3	80.2	230	1	AG LAB
104	Bear Creek	OK520620-01-0120G	Custer	CGP	24333			10/02/01	7:00 PM		19	0	8.37	503	5.22	205	0.015	0.010	1.770	**1.780**	0.262	1.795	2.042	0.023	0.074	12.2	87.0	275	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Bear Creek	OK520620-01-0120G	Custer	CGP	24464	2	3	11/06/01	2:30 PM	7.77	17	85	7.89	422	5.15	151	0.096	0.420	1.240	**1.660**	0.389	1.756	2.049	0.045	0.048	14.3	93.1	284	10	AG LAB
104	Bear Creek	OK520620-01-0120G	Custer	CGP	24602	4	4	12/18/01	8:30 AM	11.52	3	90	8.29	600	2.53	203	0.055	0.010	1.920	**1.930**	0.256	1.985	2.186	0.030	0.038	12.3	93.6	293	10	AG LAB
104	Bear Creek	OK520620-01-0120G	Custer	CGP	24780	3	4	01/23/02	1:30 PM	12.16	7	106	8.32	610	3.01	189	0.070	0.010	1.900	**1.910**	0.378	1.980	2.288	0.013	0.021	12.2	91.2	327	10	AG LAB
104	Bear Creek	OK520620-01-0120G	Custer	CGP	24889	5	4	02/26/02	1:30 PM	13.84	5	115	8.04	619.1	3.99	173	0.027	0.130	1.700	**1.830**	0.271	1.857	2.101	0.018	0.034	13.4	97.7	254	10	AG LAB
104	Bear Creek	OK520620-01-0120G	Custer	CGP	25031	4	4	04/02/02	3:45 PM	9.81	15	103	8.51	545	2.58	163	0.028	0.130	1.040	**1.170**	0.313	1.198	1.483	0.025	0.031	12.4	89.9	215	10	AG LAB
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	18621	7	4	05/22/00	3:30 PM	10.83	28	147	8.17	2720	5.45	132	0.050	0.014	0.086	**0.100**	0.270	0.150	0.370	0.006	0.050	40.0	1622.0	1740	15	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	18760	20	6	06/26/00	4:00 PM	6.75	23	84	7.66	2340	379	110	0.120	0.013	0.200	**0.213**	1.390	0.333	1.603	0.011	0.582	32.5	1315.0	1410	424	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	19174	3	5	07/31/00	3:30 PM	8.92	31	128	8.06	2.4	17.3	170	0.050			0.070	0.310	0.120	0.380	0.011	0.027	18.7	991.0	1446	58	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	21651	0	3	09/05/00	1:45 PM	9.00	30	127	7.99	2.26	3.25	14	0.050			0.050	0.240	0.100	0.290	0.016	0.052	5.0	1200.0	1830	10	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	21743	1	3	10/09/00	8:00 AM	6.69	2	51	8.13	2298	3.16	156	0.050			0.050	0.140	0.100	0.190	0.005	0.017	23.4	2575.0	2264	1	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	21983	6	5	11/14/00	3:00 PM	11.28	6	96	8.16	1649	9.69	183	0.080			0.330	0.360	0.410	0.690	0.018	0.072	26.3	1754.0	2262	46	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	22099	6	5	12/19/00	2:30 PM	12.99	3	103	8.16	1504	19.2	182	0.050			0.460	0.320	0.510	0.780	0.005	0.144	20.2	1944.0	1831	86	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	22410	10	5	01/30/01	3:45 PM	12.39	6	106	8.2	2545	19.9	177	0.050			0.380	0.310	0.430	0.690	0.018	0.089	30.5	1300.0	1650	56	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	22651	10	5	03/06/01	2:30 PM	10.67	11	103	8.15	2790	16.8	184	0.050			0.300	0.370	0.350	0.670	0.017	0.146	32.9	1505.0	1790	68	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	22865	8	4	04/10/01	2:15 PM	8.65	20	101	8.06	2766	10.6	159	0.050			0.170		0.220		0.015	0.084	27.9	1513.0	1873	74	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	22949	5	5	05/14/01	9:00 AM	7.18	22	87	7.79	1775	35.9	163	0.060			0.330		0.390		0.045	0.139	38.0	1669.0	2171	91	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	23085	2	4	06/19/01	1:30 PM	10.20	32	149	8.22	2607	1.07	102	0.050			0.050		0.100		0.006	0.005	24.0	1859.0	1600	5	DEQ
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	23290	0	3	07/24/01	2:30 PM	10.49	38	169	8.31	2422	2.24	85	0.016	0.010	0.450	**0.460**	0.600	0.476	1.060	0.037	0.080	7.6	1505.0	1613	5	AG LAB
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	23998	1	5	08/27/01	9:30 AM	7.32	21	87	7.83	2311	14.3	110	0.285	0.010	0.600	**0.610**	0.691	0.895	1.301	0.053	0.062	26.3	1298.5	1375	31	AG LAB
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	24318	3	5	10/02/01	9:00 AM	8.06	13	81	7.69	2081	8.19	176	0.165	0.010	0.600	**0.610**	0.392	0.775	1.002	0.016	0.020	25.1	1606.3	1633	10	AG LAB
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	24452	4	5	11/06/01	2:00 PM	9.88	17	109	8.11	2777	5.62	183	0.049	0.010	0.520	**0.530**	0.308	0.579	0.838	0.009	0.021	24.9	1496.0	1834	17	AG LAB
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	24601	5	4	12/17/01	4:30 PM	11.52	8	103	8.1	2853	4.28	162	0.110	0.010	0.730	**0.740**	0.110	0.850	0.850	0.030	0.032	25.9	1493.5	1804	10	AG LAB
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	24756	4	4	01/23/02	3:25 PM	11.44	7	100	8.16	2753	4.06	161	0.015	0.010	0.740	**0.750**	0.310	0.765	1.060	0.023	0.028	25.5	1456.0	1892	15	AG LAB
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	24911	5	4	02/26/02	12:30 PM	12.72	1	95	8.01	2816	6.53	157	0.158	0.010	0.640	**0.650**	0.220	0.808	0.870	0.040	0.049	26.5	1562.0	1901	19	AG LAB
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	CGP	25041	5	5	04/02/02	1:00 PM	10.91	12	108	8.22	2780	3.25	133	0.024	0.010	0.010	**0.020**	0.204	0.044	0.224	0.016	0.019	24.9	1481.5	1737	10	AG LAB
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	18601	3	4	05/15/00	7:30 AM	6.52	18	71	7.97	670	11.2	299	0.023	0.006	0.242	**0.248**	0.740	0.271	0.988	0.014	0.059	75.0	34.3	310	17	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	18725	6	5	06/21/00	9:15 AM	6.89	21	80	8.08	612	160	186	0.049	0.009	0.300	**0.309**	0.860	0.358	1.169	0.053	0.204	100.0	5.5	185	96	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	19087	3	5	07/24/00	8:45 AM	6.27	23	76	7.63	381.5	328	117	0.160			0.370	0.840	0.530	1.210	0.165	0.171	49.6	78.8	103	188	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	21626	0	2	08/28/00	8:15 AM	4.34	26	56		832	17	335	0.050			0.050	0.370	0.100	0.420	0.034	0.092	36.7	35.7	339	22	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	22809	0	2	10/02/00	8:30 AM	2.81	18	31	7.11	998	2.9	306	0.050			0.050	0.660	0.100	0.710	0.036	0.148	49.8	31.7	405	64	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	21925	300	6	11/06/00	9:30 AM	8.57	14	86	8.2	110.8	1000	78	0.440			1.680	2.840	2.120	4.520	0.330	0.423	16.5	129.0	62	1670	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	22063	0	3	12/11/00	9:30 AM	12.63	2	95	8.1	433.3	9.02	229	0.050			0.570	0.470	0.620	1.040	0.025	0.059	87.5	26.3	266	1	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	22181	1	4	01/22/01	9:45 AM	13.43	1	98	8.09	964	4.79	257	0.050			0.810	0.190	0.860	1.000	0.016	0.039	111.0	59.2	303	1	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	22609	18	5	02/27/01	9:00 AM	10.30	9	92	8.18		185	142	0.090			0.590	0.690	0.680	1.280	0.177	0.266	86.0	56.3	194	116	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	22737	3	4	04/02/01	9:30 AM	9.87	12	95	8.14	1123	7.57	289	0.050			0.440		0.490		0.009	0.041	180.0	39.1	364	1	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	22899	3	4	05/07/01	9:00 AM	6.37	19	71	8.25	1068	19.3	260	0.070			0.270		0.340		0.032	0.068	205.0	38.8	379	24	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	23044	1	4	06/11/01	9:05 AM	5.84	26	75	7.96	750	16	193	0.050			0.050		0.100		0.013	0.067	91.8	27.2	251	5	DEQ
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	23213	0	3	07/16/01	9:30 AM	4.50	26	58	7.89	1029	20.3	320	0.053	0.010	0.380	**0.390**	0.650	0.443	1.040	0.051	0.205	106.6	39.6	324	11	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	23978	0	3	08/20/01	9:30 AM	2.21	24	27	8.36	752	221	53.5	0.342	0.010	0.520	**0.530**	1.120	0.872	1.650	0.102	0.128	64.9	27.1	190	34	AG LAB
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	24288	0	3	09/24/01	11:00 AM	5.32	18	58	7.59	379.4	190	170	0.651	0.010	1.540	**1.550**	1.707	2.201	3.257	0.146	0.217	14.3	11.3	151	53	AG LAB
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	24409	0	2	10/30/01	1:15 PM	5.70	18	62	7.42	7.53	12	275	0.235	0.480	0.480	**0.960**	0.635	1.195	1.595	0.066	0.119	27.1	26.5	349	10	AG LAB
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	24569	0	4	12/10/01	8:30 AM	10.38	3	80	7.36	690	8.46	231	0.131	0.010	0.510	**0.520**	0.641	0.651	1.161	0.061	0.104	24.5	32.2	308	10	AG LAB
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	24724	0	4	01/14/02	8:30 AM	17.34	3	134	6.6	647	7.69	257	0.495	0.010	0.950	**0.960**	2.742	1.455	3.702	0.051	0.280	29.5	37.5	276	10	AG LAB
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	24852	0	4	02/20/02	8:00 AM	11.49	8	101	8.19	589	31.5	238	0.100	0.010	0.880	**0.890**	1.092	0.990	1.982	0.033	0.038	28.8	32.0	260	16	AG LAB
104	West Beaver Creek	OK620900-03-0260G	Logan	CGP	25005	0	4	03/26/02	9:45 AM	10.70	7	91	8.33	728	17	270	0.111	0.010	0.010	**0.020**	0.518	0.131	0.538	0.028	0.040	53.2	36.5	298	14	AG LAB
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	18600	0	4	05/15/00	6:30 AM	6.27	20	72	7.89	1802	18.4	340	0.010	0.002	0.069	**0.071**	0.680	0.081	0.751	0.007	0.049	425.0	76.0	570	17	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	18724	1	5	06/21/00	8:30 AM	5.44	23	66	8.03	1386	89.1	296	0.040	0.004	0.126	**0.130**	0.700	0.170	0.830	0.020	0.161	330.0	18.3	450	94	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	19086	1	5	07/24/00	8:00 AM	4.57	24	56	7.52	593	256	143	0.140			0.300	0.790	0.440	1.090	0.046	0.221	93.2	64.4	169	148	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	21625	0	2	08/28/00	7:15 AM	5.02	28	67		2378	4.5	306	0.070			0.050	0.260	0.120	0.310	0.012	0.044	1031.0	69.8	545	1	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	21722	0	2	10/02/00	9:15 AM	4.21	19	47	7.35	1674	19.5	436	0.050			0.050	0.300	0.100	0.350	0.028	0.087	221.0	54.2	487	38	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	21924	43	6	11/06/00	8:30 AM	7.15	14	72	7.78	484	715	211	0.270			0.270	1.210	0.540	1.480	0.176	0.316	163.0	116.0	219	385	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	22062	0	3	12/11/00	8:30 AM	12.15	3	94	8.07	1484	10.5	347	0.050			0.050	0.370	0.100	0.420	0.014	0.044	573.0	59.9	576	6	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	22180	1	4	01/22/01	9:00 AM	15.29	2	115	7.79	1626	7.26	265	0.050			0.260	0.330	0.310	0.590	0.010	0.032	286.0	65.6	430	1	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	22608	6	5	02/27/01	8:00 AM	10.95	18	120	7.98	8.8		132	0.080			0.490	0.640	0.570	1.130	0.115	0.277	109.0	51.8	219	100	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	22736	1	3	04/02/01	8:30 AM	10.30	12	99	7.97	1648	14.9	318	0.050			0.130		0.180		0.009	0.040	313.0	60.1	464	1	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	22898	8	6	05/07/01	8:00 AM	7.62	18	84	7.95	627	200	185	0.090			0.170		0.260		0.149	0.197	108.0	64.5	222	148	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	23043	2	4	06/11/01	8:00 AM	5.50	26	71	7.36	1939	36.5	217	0.050			0.050		0.100		0.013	0.066	437.0	61.6	509	30	DEQ
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	23212	0	2	07/16/01	8:30 AM	5.30	26	68	8.12	2675	126	353.5	0.046	0.010	0.390	**0.400**	0.900	0.446	1.300	0.058	0.214	697.8	77.7	536	89	AG LAB
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	23977	0	2	08/20/01	8:30 AM	3.44	25	43	7.57	3409	86.7	244	0.255	0.010	0.010	**0.020**	1.190	0.275	1.210	0.046	0.103	1052.8	34.1	693	58	AG LAB
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	24287	0	3	09/24/01	9:45 AM	4.66	19	52	7.82	2332	29.1	197	0.142	0.010	0.010	**0.020**	1.094	0.162	1.114	0.016	0.088	608.2	21.2	441	24	AG LAB
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	24410	0	2	10/30/01	2:10 PM	4.99	17	54	7.34	1875	19.6	253	0.152	0.010	0.010	**0.020**	0.612	0.172	0.632	0.005	0.058	457.8	25.0	574	12	AG LAB
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	24568	0	3	12/10/01	7:45 AM	10.31	3	80	7.48	2310	12.7	261	0.153	0.010	0.850	**0.860**	0.547	1.013	1.407	0.018	0.072	506.0	45.0	613	12	AG LAB
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	24723	0	4	01/14/02	7:30 AM	11.85	4	94	7.31	2920	11.3	327	0.331	0.010	0.010	**0.020**	0.795	0.351	0.815	0.028	0.117	681.3	46.4	857	83	AG LAB
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	24851	0	5	02/20/02	7:00 AM	9.10	10	84	8.11	1135	118	316	0.054	0.010	0.470	**0.480**	0.560	0.534	1.040	0.024	0.027	575.5	65.5	753	76	AG LAB
104	Stillwater Creek	OK620900-04-0270G	Payne	CGP	25004	0	4	03/26/02	8:45 AM	10.78	6	90	8.08	2468	40.7	335	0.043	0.010	0.010	**0.020**	0.532	0.063	0.552	0.020	0.028	552.5	52.8	676	28	AG LAB
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	18599	0	4	05/15/00	1:00 PM	12.85	20	148	8	4690	15.2	177	0.010	0.006	0.246	**0.252**	0.780	0.262	1.032	0.004	0.055	495.0	2630.0	2170	22	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	18728	0	5	06/21/00	1:00 PM	12.83	24	160	6.28	4038	28.2	170	0.027	0.014	0.155	**0.169**	0.750	0.196	0.919	0.006	0.135	460.0	2243.0	1830	30	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	19090	0	5	07/24/00	1:30 PM	13.22	27	174	7.99	3927	51.1	146	0.070			0.110	0.880	0.180	0.990	0.388	0.823	288.0	1194.0	1353	48	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	21629	0	3	08/28/00	1:15 PM	9.63	29	131		5.74	41.9	151	0.070			0.110	0.510	0.180	0.620	0.052	0.173	928.0	2003.0	2677	54	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	21725	0	3	10/02/00	1:45 PM	7.28	25	93	7.3	5	25.4	113	0.050			0.080	0.530	0.130	0.610	0.018	0.099	527.0	8088.0	2942	36	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	21860	3	5	11/06/00	5:25 PM	9.67	12	94	7.82	3.4	170	121	0.100			0.950	0.470	1.050	1.420	0.097	0.234	267.0	1152.0	1313	104	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	22130	1	3	12/12/00	1:00 PM	12.14	1	90	7.45	998	10.5	106	0.050			1.260	0.480	1.310	1.740	0.006	0.032	485.0	178.0	2756	10	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	22436	1	5	01/23/01	12:30 PM	15.00	5	123	7.96	5.08	10.3	204	0.050			0.810	0.360	0.860	1.170	0.005	0.048	452.0	2025.0	2062	14	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	22599		5	02/26/01	6:25 PM	5.27	11	50	7.83	3.41	1000	109	0.050			1.140	0.610	1.190	1.750	0.127	0.190	252.0	1410.0	1387	64	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	22789	0	4	04/02/01	5:45 PM	13.43	20	155	8.14	3067	52.8	221	0.050			0.060		0.110		0.009	0.051	458.0	2103.0	2091	44	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	22927	0	3	05/08/01	5:00 PM	16.64	28	223	8.24	4.93	37	154	0.050			0.050		0.100		0.021	0.105	581.0	2237.0	1013	42	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	23049	0	4	06/12/01	8:00 AM	5.14	22	62	8.02	3846	50.3	195	0.050			0.190		0.240		0.015	0.125	419.0	1980.0	1762	56	DEQ
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	23323	0	2	07/24/01	1:00 PM	11.40	32	164	8.22	5.46	44.2	109	0.017	0.010	0.450	**0.460**	1.570	0.477	2.030	0.198	0.224	519.5	2735.5	2122	224	AG LAB
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	23964			08/21/01	12:00 PM	6.89	27	91	7.94	5190	48	92	0.192	0.010	0.010	**0.020**	1.060	0.212	1.080	0.063	0.227	476.5	2458.0	2064	117	AG LAB
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	24304	1	3	09/25/01	11:30 AM	8.23	16	88	7.61	2327	69	121	0.256	0.010	1.010	**1.020**	0.820	1.276	1.840	0.091	0.113	222.3	1171.1	1087	13	AG LAB
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	24567	0	4	12/11/01	12:00 PM	10.10	5	83	7.3	3219	28.5	212	0.080	0.010	1.000	**1.010**	0.387	1.090	1.397	0.016	0.027	435.3	2093.5	2065	11	AG LAB
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	24722	1	4	01/15/02	11:45 AM	12.50	3	97	7.98	3006	39.2	148	0.016	0.010	1.000	**1.010**	0.461	1.026	1.471	0.009	0.066	433.3	2047.0	2106	30	AG LAB
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	24866	1	5	02/20/02	12:00 PM	10.04	9	91	8.11	3680	42.1	139	0.070	0.010	0.760	**0.770**	0.479	0.840	1.249	0.007	0.047	451.5	2212.0	594	24	AG LAB
104	Elm Creek	OK620910-02-0270G	Blaine	CGP	25019	1	4	03/26/02	9:30 AM	11.36	5	93	7.69	3118	32.6		0.085	0.010	0.680	**0.690**	0.386	0.775	1.076	0.005	0.013	462.0	2006.0	1936	16	AG LAB
104	Otter Creek	OK620910-03-0040G	Logan	CGP	18602	14	4	05/15/00	8:30 AM	6.93	20	79	8.02	613	41.1	266	0.010	0.023	0.460	**0.483**	0.960	0.493	1.443	0.111	0.195	55.0	48.4	270	40	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	18726	43	6	06/21/00	10:00 AM	7.27	21	85	7.85	412.6	126	138	0.024	0.008	0.280	**0.288**	1.350	0.312	1.638	0.243	0.656	50.0	16.1	164	88	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	19088	32	5	07/24/00	9:45 AM	6.81	23	83	7.65	356.2	381	128	0.210			0.050	1.410	0.260	1.460	0.166	0.251	34.7	74.2	100	304	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	21627	1	3	08/28/00	9:00 AM	5.48	26	70		810	8.53	329	0.050			0.050	0.390	0.100	0.440	0.052	0.105	95.9	52.9	421	10	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	21723	0	3	10/02/00	10:30 AM	7.99	20	91	8.2	1034	14.6	287	0.050			0.050	0.300	0.100	0.350	0.038	0.055	138.0	45.4	431	34	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	21926	100	6	11/06/00	11:00 AM	7.22	14	73	8.01	252.4	1000		0.450			0.310	2.890	0.760	3.200	0.300	0.351	22.0	135.0	197	1650	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	22064	4	3	12/11/00	10:15 AM	14.55	2	109	8.53	546	8.93	318	0.050			0.200	0.480	0.250	0.680	0.044	0.108	135.0	84.7	463	2	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	22182	5	4	01/22/01	10:35 AM	14.55	2	109	8.29	1234	10.2	243	0.110			2.630	0.930	2.740	3.560	0.084	0.115	155.0	110.0	342	1	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	22610	51	6	02/27/01	10:00 AM	10.51	9	94	8.03		519	153	0.230			1.340	1.270	1.570	2.610	0.440	0.480	57.5	156.0	178	324	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	22738	12	4	04/02/01	10:30 AM	12.06	12	116	8.4	1333	7.41	326	0.050			0.340		0.390		0.006	0.070	186.0	125.0	393	1	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	22900	10	4	05/07/01	9:45 AM	6.78	22	81	8.43	1041	38.1	309	0.070			0.180		0.250		0.085	0.145	172.0	99.2	379	46	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	23045	4	4	06/11/01	10:15 AM	7.77	28	103	8.23	922	12.44	227	0.050			0.050		0.100		0.048	0.109	91.5	75.0	303	9	DEQ
104	Otter Creek	OK620910-03-0040G	Logan	CGP	23214	1	4	07/16/01	11:00 AM	6.55	27	85	8.33	1047	2.03	288	0.029	0.010	0.380	**0.390**	0.700	0.419	1.090	0.123	0.154	98.7	78.3	295	9	AG LAB
104	Otter Creek	OK620910-03-0040G	Logan	CGP	23979	0	3	08/20/01	10:00 AM	6.40	27	84	8.74	827	40.8	233	0.235	0.010	0.510	**0.520**	0.900	0.755	1.420	0.105	0.172	86.2	46.9	209	36	AG LAB
104	Otter Creek	OK620910-03-0040G	Logan	CGP	24289	1	3	09/24/01	1:00 PM	9.30	22	111	8.26	426.3	117	114	0.240	0.010	3.200	**3.210**	1.669	3.450	4.879	0.236	0.284	35.6	34.2	136	38	AG LAB
104	Otter Creek	OK620910-03-0040G	Logan	CGP	24408	0	3	10/30/01	12:30 PM	7.65	17	82	7.83	809	14	232	0.135	0.010	0.010	**0.020**	0.647	0.155	0.667	0.064	0.105	87.5	43.1	342	10	AG LAB
104	Otter Creek	OK620910-03-0040G	Logan	CGP	24570	1	4	12/10/01	9:30 AM	11.00	4	87	7.63	1088	6.54	275	0.140	0.010	0.590	**0.600**	0.425	0.740	1.025	0.005	0.098	96.0	79.2	401	10	AG LAB
104	Otter Creek	OK620910-03-0040G	Logan	CGP	24725	1	4	01/14/02	9:40 AM	14.07	3	109	6.11	1105	22.9	301	0.201	0.010	0.750	**0.760**	0.786	0.961	1.546	0.040	0.120	111.2	90.3	388	28	AG LAB
104	Otter Creek	OK620910-03-0040G	Logan	CGP	24853	2	5	02/20/02	9:15 AM	11.23	9	101	8.14	908	41.4	272	0.148	0.010	0.880	**0.890**	0.795	1.038	1.685	0.136	0.139	94.7	62.3	318	26	AG LAB
104	Otter Creek	OK620910-03-0040G	Logan	CGP	25006	1	4	03/26/02	10:45 AM	13.20	10	122	8.41	1035	28.3	320	0.108	0.010	0.010	**0.020**	0.715	0.128	0.735	0.095	0.168	91.3	79.5	376	19	AG LAB
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	18603	13	4	05/15/00	10:00 AM	14.68	18	162	8.44	1328	3.04	255	0.010	0.190	7.250	**7.440**	1.320	7.450	8.760	0.825	1.060	230.0	226.0	420	16	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	18727	20	4	06/21/00	11:30 AM	9.64	24	120	8.31	1129	13.5	208	0.151	0.244	5.430	**5.674**	1.220	5.825	6.894	0.093	0.563	170.0	136.0	300	12	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	19089	20	5	07/24/00	11:15 AM	9.27	26	119	8.05	1194	28.5	204	0.160			7.050	1.140	7.210	8.190	0.433	0.514	159.0	126.0	295	20	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	21628	8	4	08/28/00	10:45 AM	14.70	27	193		2140	6.53	233	0.140			16.980	1.740	17.120	18.720	2.546	2.760	293.0	279.0	753	14	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	21724	7	4	10/02/00	11:30 AM	14.20	22	170	8.39	1752	15.67	184	1.870			12.310	2.810	14.180	15.120	2.520	2.644	269.0	163.0	527	18	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	21927	24	5	11/06/00	1:00 PM	11.02	14	112	8.35	973	19.1	199	0.860			6.580	1.930	7.440	8.510	0.693	0.796	171.0	129.0	466	24	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	22065	10	3	12/11/00	11:45 AM	20.00	3	155	8.81	979	3.41	298	0.330			12.720	1.820	13.050	14.540	1.576	1.640	229.0	179.0	535	10	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	22183	19	3	01/22/01	12:15 PM	20.00	8	176	8.82	1695	3	278	0.720			9.140	2.350	9.860	11.490	0.597	0.693	228.0	154.0	425	8	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	22611	44	6	02/27/01	11:45 AM	11.16	9	101	8.15		144	235	0.400			7.170	1.720	7.570	8.890	0.688	0.777	146.0	112.0	321	124	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	22739	26	4	04/02/01	12:00 PM	15.90	16	168	8.57	1540	5.39	274	0.190			9.390		9.580		0.351	0.481	238.0	176.0	401	1	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	22901	14	4	05/07/01	10:45 AM	9.57	20	110	8.54	1.5	6.66	270	0.360			7.150		7.510		1.030	1.060	216.0	161.0	387	8	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	23048	9	5	06/11/01	2:30 PM	19.98	33	291	8.88	1375	9.55	168	0.180			8.140		8.320		1.010	1.160	218.0	167.0	339	12	DEQ
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	23215	12	4	07/16/01	2:20 PM	17.18	33	250	9.02	1350	1.23	241	0.042	0.750	4.530	**5.280**	1.570	5.322	6.850	1.092	1.175	190.9	123.5	296	16	AG LAB
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	23980	4	4	08/20/01	11:35 AM	15.94	30	220	7.37	2188	12.7	280	0.604	0.010	7.150	**7.160**	2.990	7.764	10.150	1.086	1.652	264.4	184.6	349	27	AG LAB
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	24290	10	4	09/24/01	4:00 PM	13.91	24	173	8.86	1191			0.245	0.010	6.930	**6.940**	1.490	7.185	8.430	0.927	1.190	172.1	90.9	291	10	AG LAB
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	24405	11	4	10/30/01	8:00 AM	8.27	13	82	7.75	1872	14.5	177	0.609	0.010	18.470	**18.480**	1.977	19.089	20.457	2.161	2.292	373.9	342.7	500	10	AG LAB
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	24571	5	4	12/10/01	10:45 AM	16.19	7	139	7.58	2194	3.93	286	2.531	0.010	18.800	**18.810**	3.710	21.341	22.520	2.206	2.451	332.2	291.7	512	10	AG LAB
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	24726	8	4	01/14/02	11:15 AM	15.55	10	144	7.02	1601	2.53	249	1.951	0.010	20.950	**20.960**	3.065	22.911	24.025	1.020	1.198	311.6	339.0	527	10	AG LAB
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	24854	8	5	02/20/02	11:15 AM	14.57	13	144	8.51	1089	5.31	202	0.290	0.010	4.760	**4.770**	1.339	5.060	6.109	1.588	1.679	134.1	104.7	282	10	AG LAB
104	Skeleton Creek	OK620910-03-0240E	Garfield	CGP	25007	4	4	03/26/02	12:15 PM	20.00	15	207	9.05	1330	3.99	257	0.096	0.010	8.020	**8.030**	1.415	8.126	9.445	1.290	1.333	195.1	108.9	327	31	AG LAB
104	Deer Creek	OK620910-04-0120B	Logan	CGP	18583	18	5	05/15/00	9:50 AM	7.03	19	79	7.97	1106	58	191	0.018	0.026	3.670	**3.696**	0.810	3.714	4.506	0.962	1.060	100.0	151.0	400	72	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	19218	310	7	06/19/00	9:00 AM	7.43	21	87	8.11		179	101	0.144	0.028	1.770	**1.798**	0.970	1.942	2.768	0.405	0.690	60.0	110.0	250	157	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	18941		6	07/24/00	11:40 AM	7.05	24	87		795	101	159	0.100			3.100	0.810	3.200	3.910	1.126	1.421	5.0	122.0	239	374	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	21323			08/28/00	1:10 PM	6.44	28	86		1160	44.3	124	0.070			8.350	1.040	8.420	9.390	0.377	0.569	164.0	196.0	384	70	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	21665	20	3	10/02/00	1:00 PM	8.19	20	94	7.86	1369	47.5	118	0.050			10.930	1.050	10.980	11.980	2.790	2.900	189.0	144.0	333	74	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	21931	90	7	11/07/00	10:30 AM	8.19	13	81	8.14	548	135	115	0.120			1.900	0.780	2.020	2.680	0.532	0.629	67.9	100.0	228	126	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	22076	34	4	12/12/00	9:45 AM	11.16	4	88	8.39	701	5.33	254	0.480			4.420	1.180	4.900	5.600	1.545	1.890	126.0	193.0	494	9	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	22187	57	4	01/23/01	10:30 AM	11.24	7	96	8.2	138	13.9	244	0.070			4.120	0.880	4.190	5.000	0.876	0.947	136.0	173.0	435	18	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	22547	86	6	02/26/01	2:10 PM	10.70	10	98	8.17	357	128	202	0.120			2.030	1.180	2.150	3.210	0.420	0.438	79.7	136.0	315	204	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	22804	60	4	04/03/01	9:00 AM	8.30	17	89	8.1	1205	24.9	174	0.060			3.850		3.910		0.827	0.983	123.0	183.0	39	42	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	22929	44	5	05/08/01	10:15 AM	7.45	18	82	8.14	1031	55	218	0.080			5.190		5.270		1.250	1.320	131.0	173.0	362	92	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	23057	35	4	06/12/01	10:00 AM	5.85	27	76	7.75	1152	42	185	0.120			5.880		6.000		1.270	1.400	128.0	215.0	365	68	DEQ
104	Deer Creek	OK620910-04-0120B	Logan	CGP	23219	27	4	07/17/01	9:45 AM	5.59	27	73	7.75	1226	52.4	145	0.066	0.010	7.570	**7.580**	1.330	7.646	8.910	1.845	1.911	136.7	203.9	301	86	AG LAB
104	Deer Creek	OK620910-04-0120B	Logan	CGP	23984	23	4	08/21/01	9:30 AM	4.05	27	53	7.66	1114	57.8	119	0.054	0.010	9.220	**9.230**	1.305	9.284	10.535	1.938	3.647	135.1	164.3	255	75	AG LAB
104	Deer Creek	OK620910-04-0120B	Logan	CGP	24293	58	4	09/26/01	11:30 AM	7.88	18	87	7	899	63.6	185	0.292	0.010	2.370	**2.380**	1.058	2.672	3.438	0.602	0.648	72.8	143.3	310	10	AG LAB
104	Deer Creek	OK620910-04-0120B	Logan	CGP	24412	26	4	10/31/01	10:15 AM	7.08	16	75	7.45	1259	18.1	180	0.285	0.010	7.940	**7.950**	1.195	8.235	9.145	1.686	1.702	145.9	212.2	387	24	AG LAB
104	Deer Creek	OK620910-04-0120B	Logan	CGP	24575	24	4	12/11/01	9:00 AM	9.30	9	84	7.61	1274	15.9	172	0.148	0.010	8.940	**8.950**	1.067	9.098	10.017	1.829	1.960	132.6	192.8	383	30	AG LAB
104	Deer Creek	OK620910-04-0120B	Logan	CGP	24730	26	4	01/15/02	9:15 AM	9.87	7	84	7.08	1289	12.4	173	0.138	0.010	8.250	**8.260**	1.056	8.398	9.316	1.687	1.699	136.9	204.3	383	16	AG LAB
104	Deer Creek	OK620910-04-0120B	Logan	CGP	24847	33	6	02/19/02	11:00 AM	10.26	13	101	7.75	986	40.1	218	0.346	0.010	5.720	**5.730**	1.240	6.076	6.970	1.270	1.324	122.5	197.7	482	75	AG LAB
104	Deer Creek	OK620910-04-0120B	Logan	CGP	25000	41	4	03/25/02	11:10 AM	7.77	11	73	7.89	1233	19.6	205	0.138	0.010	4.410	**4.420**	1.178	4.558	5.598	0.865	0.965	112.8	184.8	426	29	AG LAB
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	18580	16	4	05/15/00	1:00 PM	11.40	20	131	8.29	2.27	20.4	211	0.010	0.012	0.800	**0.812**	0.660	0.822	1.472	0.017	0.083	30.0	655.0	870	26	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	19219	71	6	06/19/00	11:00 AM	6.47	22	77	7.99		420	88	0.115	0.013	0.520	**0.533**	1.320	0.648	1.853	0.261	0.720	74.0	350.0	400	343	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	18945	31	5	07/24/00	1:30 PM	9.03	29	122		1940	113	187	0.070			0.900	0.810	0.970	1.710	0.201	0.337	170.0	418.0	575	136	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	21327	6	3	08/28/00	3:30 PM	14.69	34	217		1716	24.4	235	0.070			0.360	0.560	0.430	0.920	0.053	0.191	117.0	304.0	774	30	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	21668	3	3	10/02/00	6:15 PM	7.79	24	96	8.14	1889	13.1	299	0.050			1.280	0.430	1.330	1.710	0.040	0.125	191.3	270.0	453	10	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	21929	460	6	11/06/00	4:00 PM	9.27	13	92	8.31	1005	1000		0.370			1.550	1.990	1.920	3.540	0.245	1.400	154.0	314.0	857	1115	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	22067	28	3	12/11/00	3:15 PM	15.83	3	122	8.04	1532	4.44	279	0.050			2.400	0.420	2.450	2.820	0.009	0.024	245.0	618.0	891	5	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	22185	48	3	01/22/01	4:15 PM	12.97	5	106	8.38	3.16	14.44	299	0.050			2.690	0.490	2.740	3.180	0.056	0.081	289.0	787.0	1102	12	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	22613	188	6	02/27/01	3:30 PM	9.87	9	89	8.25		284	232	0.140			1.950	0.830	2.090	2.780	0.330	0.382	186.0	612.0	742	288	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	22741	61	4	04/02/01	4:00 PM	14.64	17	158	8.32	2698	9.97	200	0.050			1.740		1.790		0.009	0.069	286.0	797.0	938	10	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	22903	58	5	05/07/01	1:30 PM	7.67	21	90	8.24	2410	198	221	0.290			1.090		1.380		0.221	0.458	255.0	784.0	441	230	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	23046	22	4	06/11/01	11:45 AM	12.17	28	162	8.18	2248	22.1	223	0.050			0.760		0.810		0.015	0.104	234.0	638.0	770	43	DEQ
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	23217	12	4	07/16/01	6:49 PM	9.76	31	137	8.34	1770	36.3	225	0.032	0.010	0.740	**0.750**	1.110	0.782	1.860	0.079	0.122	176.0	417.6	442	45	AG LAB
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	23982	5	3	08/20/01	3:30 PM	10.76	34	159	7.68	1767	56.5	247	0.173	0.010	0.810	**0.820**	0.867	0.993	1.687	0.052	0.126	184.4	405.8	393	57	AG LAB
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	24295	15	5	09/26/01	2:00 PM	7.60	22	91	8.04	1265	68	228	0.214	0.400	1.770	**2.170**	0.870	2.384	3.040	0.163	0.224	100.4	317.4	467	10	AG LAB
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	24406	6	3	10/30/01	9:45 AM	5.38	13	53	7.63	1472	8.97	215	0.173	0.010	1.470	**1.480**	0.602	1.653	2.082	0.005	0.042	164.1	404.0	562	10	AG LAB
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	24573	10	4	12/10/01	2:30 PM	18.18	7	156	7.3	1925	3.67	301	0.135	0.010	2.040	**2.050**	0.535	2.185	2.585	0.009	0.042	184.2	481.6	589	10	AG LAB
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	24728	11	4	01/14/02	3:20 PM	15.73	7	135	6.65	2006	7.57	261	0.031	0.010	2.740	**2.750**	0.549	2.781	3.299	0.028	0.048	187.3	578.0	723	10	AG LAB
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	24855	20	5	02/20/02	1:15 PM	10.08	13	100	8.16	2146	25.3	238	0.146	0.010	1.690	**1.700**	0.757	1.846	2.457	0.055	0.109	180.4	684.3	927	20	AG LAB
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	CGP	25009	14	4	03/26/02	3:00 PM	17.04	15	176	8.35	2084	6.27	196	0.089	0.010	1.010	**1.020**	0.615	1.109	1.635	0.015	0.063	216.9	725.8	832	10	AG LAB
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	18579	1	4	05/15/00	2:10 PM	6.97	16	73	7.91	1295	15.8	287	0.010	0.023	2.360	**2.383**	0.680	2.393	3.063	0.131	0.169	100.0	231.0	490	12	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	19220	18	6	06/19/00	12:15 PM	8.18	21	95	7.97		198	106	0.077	0.016	1.110	**1.126**	1.190	1.203	2.316	0.424	0.930	32.5	54.0	170	53	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	18947	2	5	07/24/00	2:20 PM	6.24	25	79		1003	55.6	216	0.100			2.140	0.700	2.240	2.840	0.286	0.414	63.7	173.0	407	108	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	21329	0	3	08/28/00	2:40 PM	5.34	24	66		1470	18.4	329	0.050			1.400	0.410	1.450	1.810	0.100	0.235	116.0	251.0	795	20	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	21667	0	2	10/02/00	5:00 PM	4.63	19	52	7.64	1574	8.09	334	0.050			3.030	0.480	3.080	3.510	0.099	0.207	116.0	201.0	442	1	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	21928	2	5	11/06/00	3:00 PM	7.64	12	74	8.05	936	25.9	257	0.060			2.740	0.690	2.800	3.430	0.211	0.247	97.9	192.0	795	20	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	22066	1	3	12/11/00	2:30 PM	13.02	1	95	8.09	789	3.02	316	0.050			3.880	0.440	3.930	4.320	0.030	0.060	120.0	298.0	799	2	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	22184	2	3	01/22/01	3:30 PM	11.99	6	100	8.27	1347	5.46	280	0.050			3.840	0.830	3.890	4.670	0.054	0.075	113.0	251.0	536	1	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	22612	9	5	02/27/01	2:00 PM	10.19	9	92	8.18		96.3	227	0.180			3.120	0.640	3.300	3.760	0.187	0.273	57.8	172.0	358	108	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	22740	3	4	04/02/01	3:15 PM	15.20	18	167	8.5	1399	3.32	183	0.050			3.230		3.280		0.006	0.045	120.0	276.0	499	1	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	22902	2	4	05/07/01	12:45 PM	7.73	18	85	8.22	1.3	6.57	312	0.130			1.930		2.060		0.111	0.163	125.0	294.0	534	8	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	23047	1	4	06/11/01	1:10 PM	7.53	24	93	7.99	1347	10.7	197	0.050			2.700		2.750		0.127	0.192	106.0	296.0	476	5	DEQ
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	23216	0	4	07/17/01	8:30 AM	6.71	26	86	7.98	1406	7.37	260	0.018	0.010	1.210	**1.220**	0.710	1.238	1.930	0.140	0.217	94.4	304.3	430	4	AG LAB
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	23981	0	3	08/20/01	2:30 PM	5.98	26	77	7.21	1162	9.3	372	0.164	0.010	3.220	**3.230**	0.786	3.394	4.016	0.093	0.156	57.1	174.0	380	19	AG LAB
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	24294	2	5	09/26/01	12:45 PM	5.55	17	60	7.74	997	28.2	229	0.132	0.010	2.270	**2.280**	0.711	2.412	2.991	0.141	0.222	62.6	199.7	380	10	AG LAB
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	24407	1	4	10/30/01	11:00 AM	4.00	14	40	7.9	1269	15		0.219	0.010	1.530	**1.540**	0.855	1.759	2.395	0.073	0.127	105.8	318.5	551	13	AG LAB
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	24572	1	4	12/10/01	1:15 PM	10.18	6	85	6.63	1525	7.2	333	0.170	0.010	5.800	**5.810**	0.663	5.980	6.473	0.056	0.087	111.2	321.3	544	10	AG LAB
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	24727	0	4	01/14/02	2:30 PM	12.63	6	106	6.78	1445	7.8	283	0.095	0.010	3.500	**3.510**	0.629	3.605	4.139	0.050	0.062	101.7	299.4	524	10	AG LAB
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	24856	1	5	02/20/02	2:35 PM	8.18	12	79	8.11	1487	8.51	274	0.196	0.010	1.350	**1.360**	0.688	1.556	2.048	0.017	0.043	111.4	340.6	642	10	AG LAB
104	Trail Creek	OK620910-05-0020G	Kingfisher	CGP	25008	1	4	03/26/02	2:00 PM	13.04	9	117	8.22	1460	2.39	249	0.015	0.010	0.820	**0.830**	0.515	0.845	1.345	0.005	0.043	115.2	317.6	534	10	AG LAB
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	18598	3	4	05/15/00	12:00 PM	10.65	20	123	8.06	3679	59.1	270	0.010	0.023	2.020	**2.043**	1.320	2.053	3.363	0.003	0.113	235.0	1755.0	1820	109	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	18729	3	5	06/21/00	2:15 PM	11.97	25	152	5.73	2700	43.4	208	0.033	0.013	0.760	**0.773**	0.830	0.806	1.603	0.005	0.146	250.0	1115.0	980	62	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	19091		5	07/24/00	2:30 PM	10.73	30	149	6.97	2940	114	182	0.100			0.910	0.880	1.010	1.790	0.059	0.238	194.0	841.0	1019	172	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	21630	0	3	08/28/00	2:20 PM	8.94	30	124		4958	65.2	143	0.060			0.490	0.640	0.550	1.130	0.067	0.118	684.0	1626.0	2020	76	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	21726	0	2	10/02/00	3:00 PM	7.75	28	104	7.32	5.7	133	131	0.050			1.450	1.260	1.500	2.710	0.054	0.167	507.0	1382.0	3163	49	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	21859	6	5	11/06/00	4:15 PM	9.76	12	95	7.88	2.9	408	144	0.200			0.810	0.720	1.010	1.530	0.090	0.398	234.0	973.0	1134	244	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	22129	0	4	12/12/00	11:30 AM	15.44	1	114	7.48	4.4	7.75	153	0.050			3.660	0.710	3.710	4.370	0.007	0.030	287.0	2836.0	2584	10	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	22435	1	5	01/23/01	11:00 AM	12.70	3	99	7.9	4.04	19.1	201	0.050			2.650	0.560	2.700	3.210	0.005	0.044	289.0	1589.0	1878	14	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	22600	12	6	02/26/01	5:00 PM	5.67	10	53	7.76	3.01	1000	131	0.110			1.970	0.940	2.080	2.910	0.195	0.292	223.0	1200.0	1308	164	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	22788	2	4	04/02/01	4:30 PM	10.36	20	120	8.02	4001	71.9	208	0.050			1.910		1.960		0.022	0.112	303.0	1815.0	1932	64	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	22926	14	5	05/08/01	3:30 PM	8.26	26	107	8	2892	189	251	0.190			1.240		1.430		0.139	0.301	213.0	1508.0	762	166	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	23050	1	4	06/12/01	9:10 AM	8.45	24	105	8.12	3707	49	184	0.050			1.640		1.690		0.015	0.112	262.0	1823.0	1747	47	DEQ
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	23322	0	2	07/24/01	11:30 AM	8.21	33	120	8.05	4105	13	119	0.042	0.010	7.840	**7.850**	0.870	7.892	8.720	0.055	0.095	93.0	2145.5	1854	41	AG LAB
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	24303	0	2	09/25/01	10:30 AM	1.44	17	16	7.66	1678	173	124	0.237	0.010	0.680	**0.690**	1.437	0.927	2.127	0.046	0.146	125.0	794.3	729	101	AG LAB
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	24404	1	4	10/29/01	3:00 PM	6.33	20	73	7.25	3859	32.2	143	0.267	0.010	1.950	**1.960**	1.075	2.227	3.035	0.005	0.100	384.5	1998.5	1796	33	AG LAB
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	24566	0	2	12/11/01	10:30 AM	10.01	5	82	7.41	2311	24.6	188	0.263	0.010	3.470	**3.480**	0.585	3.743	4.065	0.015	0.032	288.9	1580.0	1616	15	AG LAB
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	24721	0	2	01/15/02	10:30 AM	11.80	5	97	8.16	2506	49.9	151	0.246	0.010	6.650	**6.660**	0.775	6.906	7.435	0.020	0.131	264.8	1547.0	1513	60	AG LAB
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	24865	0	2	02/20/02	10:45 AM	10.15	10	94	8.21	2906	101	215	0.163	0.010	3.030	**3.040**	0.875	3.203	3.915	0.052	0.102	258.7	1519.5	1613	108	AG LAB
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	CGP	25018	0	4	03/26/02	8:00 AM	9.51	5	78	8.53	2673	80.9	163	0.228	0.010	2.200	**2.210**	0.753	2.438	2.963	0.005	0.080	259.5	1568.0	1409	52	AG LAB
104	Griever Creek	OK620920-01-0130K	Major	CGP	18626	1	4	05/23/00	2:00 PM	10.99	28	149	8.04	3330	3.25	170	0.014	0.008	0.077	**0.085**	0.360	0.099	0.445	0.006	0.032	160.0	1750.0	1840	1	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	18765	6	5	06/27/00	1:50 PM	7.47	22	91	7.74	2450	15.9	202	0.037	0.007	0.080	**0.087**	0.590	0.124	0.677	0.018	0.091	70.0	1144.0	1280	17	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	19176	1	4	07/31/00	5:30 PM	8.98	28	122	8.17	3.2	4.5	153	0.050			0.050	0.330	0.100	0.380	0.006	0.007	173.0	1042.0	4798	6	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	21663	0	3	09/06/00	12:30 PM	8.95	25	115	7.92	3.52	15.5	108	0.050			0.050	0.180	0.100	0.230	0.009	0.032	212.0	1664.0	2004	16	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	21758	1	3	10/10/00	2:45 PM	11.77	11	113	8.19	3606	9.19	143	0.050			0.050	0.190	0.100	0.240	0.010	0.028	262.0	984.0	2311	29	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	21962	2	4	11/13/00	10:15 AM	12.80	3	101	8.05	2042	9.07	202	0.050			0.070	0.220	0.120	0.290	0.010	0.538	214.0	1420.0	2426	9	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	22081	1	4	12/18/00	9:15 AM	12.85	2	98	7.94	1889	24.9	219	0.050			0.500	0.280	0.550	0.780	0.005	0.040	171.3	561.0	2181	27	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	22399	5	4	01/29/01	9:15 AM	13.01	3	102	8.04	2684	24.2	207	0.050			0.390	0.430	0.440	0.820	0.030	0.063	140.0	1160.0	1423	48	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	22633	13	4	03/05/01	9:00 AM	11.68	5	97	8.09	1795	5.22	220	0.050			0.050	0.240	0.100	0.290	0.007	0.016	0.0	1380.0	1550	4	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	22834	3	5	04/09/01	11:00 AM	10.05	19	115	7.97	2877	12.5	204	0.050			0.050		0.100		0.011	0.044	128.0	1336.0	1633	22	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	22973	2	5	05/15/01	12:00 PM	9.82	24	124	7.9	2995	17.9	292	0.050			0.050		0.100		0.013	0.031	158.0	1497.0	1790	7	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	23074	1	3	06/18/01	9:45 AM	8.30	23	102	7.86	2366	3.15	129	0.050			0.050		0.100		0.009	0.021	231.0	2130.0	1731	5	DEQ
104	Griever Creek	OK620920-01-0130K	Major	CGP	23282	0	3	07/23/01	11:45 AM	10.28	29	142	8.19	3591	2.43	108	0.015	0.010	0.460	**0.470**	0.410	0.485	0.880	0.012	0.033	234.0	1805.5	1851	4	AG LAB
104	Griever Creek	OK620920-01-0130K	Major	CGP	23999	0	4	08/27/01	11:00 AM	8.55	24	108	7.98	2688	5.13	118	0.199	0.010	0.010	**0.020**	0.402	0.219	0.422	0.019	0.025	237.5	1957.3	2043	13	AG LAB
104	Griever Creek	OK620920-01-0130K	Major	CGP	24312	1	4	10/01/01	9:30 AM	9.00	15	94	7.97	2950	4.61	145	0.015	0.010	0.010	**0.020**	0.278	0.035	0.298	0.005	0.005	254.4	1722.0	2053	10	AG LAB
104	Griever Creek	OK620920-01-0130K	Major	CGP	24441	1	5	11/05/01	9:15 AM	9.64	14	99	7.88	3832	6.31	180	0.087	0.010	0.010	**0.020**	0.287	0.107	0.307	0.005	0.005	249.3	1778.0	2053	10	AG LAB
104	Griever Creek	OK620920-01-0130K	Major	CGP	24595	1	4	12/17/01	9:00 AM	12.09	4	98	8.06	3755	4.82	350	0.110	0.010	0.540	**0.550**	0.224	0.660	0.774	0.008	0.064	208.6	1512.0	1860	10	AG LAB
104	Griever Creek	OK620920-01-0130K	Major	CGP	24755	1	4	01/23/02	2:15 PM	13.72	6	117	8.28	3452	5.53	170	0.015	0.010	0.010	**0.020**	0.213	0.035	0.233	0.005	0.017	202.7	1523.0	1940	12	AG LAB
104	Griever Creek	OK620920-01-0130K	Major	CGP	24902	1	4	02/25/02	9:20 AM	11.74	6	100	8.03	3386	11.2	186	1.620	0.010	0.010	**0.020**	0.669	1.640	0.689	0.040	0.050	193.0	1580.5	1854	10	AG LAB
104	Griever Creek	OK620920-01-0130K	Major	CGP	25037	1	4	04/01/02	2:40 PM	11.72	20	137	8.12	3226	7.87	167	0.058	0.010	0.010	**0.020**	0.346	0.078	0.366	0.013	0.019	163.2	1483.0	1644	10	AG LAB
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	18624	6	4	05/23/00	11:10 AM	8.51	24	108	7.89	5160	13.1	177	0.053	0.015	0.230	**0.245**	0.370	0.298	0.615	0.005	0.040	720.0	1820.0	1970	24	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	18763	35	6	06/27/00	10:34 AM	6.82	21	81	7.73	2330	40	151	0.044	0.006	0.130	**0.136**	0.590	0.180	0.726	0.018	0.139	190.0	826.0	930	46	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	19169	4		08/01/00	10:30 AM	8.18	24	103	8.05	4.6	14.4	193	0.050			0.300	0.280	0.350	0.580	0.005	0.016	1229.0	1067.0	1633	18	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	21662	1	3	09/06/00	10:50 AM	8.40	24	106	7.9	4.62	8.91	142	0.050			0.160	0.320	0.210	0.480	0.007	0.042	1250.0	1610.0	2442	20	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	21757	2	3	10/10/00	1:00 PM	10.57	13	107	8.2	4508	8.36	168	0.050			0.650	0.230	0.700	0.880	0.005	0.023	557.0	2900.0	2423	1	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	21965	12	5	11/13/00	3:45 PM	11.16	8	100	8.11	2953	6.41	197	0.050			0.580	0.180	0.630	0.760	0.007	0.021	389.0	1377.0	2440	19	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	22084	8	4	12/18/00	2:15 PM	13.00	5	108	8.15	2590	4.59	200	0.050			0.730	0.230	0.780	0.960	0.005	0.025	354.0	962.0	1843	14	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	22402	16	5	01/29/01	2:30 PM	12.52	4	102	8.22	3440	9.36	210	0.050			0.510	0.430	0.560	0.940	0.010	0.036	329.0	1165.0	1445	28	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	22636	14	5	03/05/01	2:15 PM	10.60	12	105	8.05	3037	10.8	205	0.050			0.480	0.320	0.530	0.800	0.009	0.033	368.0	1484.0	1684	24	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	22837	12	4	04/09/01	4:15 PM	10.18	22	124	8.06	4164	14	180	0.050			0.310		0.360		0.006	0.037	431.0	1513.0	1924	42	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	22972	7	6	05/15/01	10:10 AM	6.39	21	76	7.83	3948	38.5	201	0.050			0.220		0.270		0.005	0.063	447.0	1531.0	1896	58	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	23077	6	4	06/18/01	2:30 PM	8.13	29	113	7.96	4433	18	147	0.050			0.150		0.200		0.010	0.058	787.0	1784.0	1449	27	DEQ
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	23283	2	3	07/23/01	1:45 PM	7.71	35	118	7.97	4832	6.67	122	0.015	0.010	0.480	**0.490**	0.520	0.505	1.010	0.016	0.015	692.0	1843.5	1860	11	AG LAB
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	24000	1	4	08/27/01	12:15 PM	7.77	28	106	8.03	4642	4.08	140	0.082	0.010	0.480	**0.490**	0.477	0.572	0.967	0.016	0.044	535.3	1864.3	2014	15	AG LAB
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	24313	1	3	10/01/01	11:00 AM	9.62	17	106	8.03	3785	2.33	165	0.015	0.010	0.610	**0.620**	0.353	0.635	0.973	0.005	0.005	598.3	1707.0	2074	10	AG LAB
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	24444	1	3	11/05/01	12:55 PM	10.41	19	119	8.14	4792	1.48	143	0.102	0.010	0.730	**0.740**	0.290	0.842	1.030	0.005	0.005	544.5	1717.0	1993	10	AG LAB
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	24596	1	4	12/17/01	10:55 AM	12.32	4	100	8.1	1969	2.63	179	0.110	0.010	1.240	**1.250**	0.314	1.360	1.564	0.007	0.016	554.5	1651.5	1979	10	AG LAB
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	24754	1	4	01/23/02	12:00 PM	14.47	6	124	8.2	4740	3.13	170	0.060	0.010	1.110	**1.120**	0.295	1.180	1.415	0.005	0.013	609.0	1602.0	2058	10	AG LAB
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	24903	2	4	02/25/02	10:55 AM	11.85	5	99	8.1	4969	8	167	0.111	0.010	0.780	**0.790**	0.371	0.901	1.161	0.017	0.025	687.0	1739.5	2045	10	AG LAB
104	Traders Creek	OK620920-02-0170G	Woodward	CGP	25036	2	4	04/01/02	1:30 PM	11.27	24	142	8.11	5140	14.8	135	0.048	0.010	0.590	**0.600**	0.507	0.648	1.107	0.015	0.027	697.3	1782.0	1917	25	AG LAB
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	18623	23	4	05/23/00	10:10 AM	7.93	23	98	7.91	3410	19.1	174	0.063	0.018	0.620	**0.638**	0.670	0.701	1.308	0.005	0.060	185.0	1636.0	1800	38	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	18762	64	6	06/27/00	9:40 AM	7.01	23	87	7.96	2550	106	182	0.030	0.009	0.400	**0.409**	0.980	0.439	1.389	0.038	0.242	125.0	1083.0	1200	120	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	19167	13	5	08/01/00	9:30 AM	8.48	22	103	8.15	3.1	18.4	198	0.050			0.490	0.430	0.540	0.920	0.005	0.015	5.0	1001.0	5009	18	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	21661	3	3	09/06/00	10:00 AM	8.60	23	107	7.81	3.44	4.5	132	0.100			0.250	0.420	0.350	0.670	0.005	0.038	190.0	1700.0	2685	6	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	21756	5	3	10/10/00	11:30 AM	11.65	12	115	8.21	3429	3.09	162	0.050			1.000	0.260	1.050	1.260	0.005	0.006	215.0	951.0	2644	10	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	21966	16	5	11/13/00	4:45 PM	11.62	6	99	8.28	1660	7.31	205	0.050			1.070	0.380	1.120	1.450	0.005	0.026	201.0	1279.0	2603	22	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	22085	18	5	12/18/00	3:20 PM	13.18	3	104	8.24	1695	21.5	216	0.050			1.560	0.590	1.610	2.150	0.005	0.068	166.0	920.0	1793	68	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	22403	30	4	01/29/01	3:30 PM	12.12	5	101	8.26	2951	17.7	192	0.050			1.050	0.480	1.100	1.530	0.013	0.049	177.0	1210.0	1585	58	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	22637	33	5	03/05/01	3:20 PM	10.89	13	110	8.22	2519	18.3	233	0.050			0.590	0.800	0.640	1.390	0.014	0.062	180.0	1497.0	1794	32	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	22838	29	4	04/09/01	5:05 PM	9.72	23	121	8.11	3345	19.4	186	0.050			0.350		0.400		0.008	0.060	200.0	1549.0	1893	80	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	22970	19	5	05/15/01	9:00 AM	6.28	20	74	7.97	2704	72.1	222	0.050			0.370		0.420		0.050	0.055	187.0	1445.0	1697	85	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	23078	16	4	06/18/01	3:20 PM	9.59	31	137	8.13	3261	6.18	147	0.050			0.260		0.310		0.007	0.022	201.0	1756.0	1681	18	DEQ
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	23284	3	3	07/23/01	3:30 PM	7.57	37	120	7.98	3496	2.88	109	0.031	0.010	0.480	**0.490**	0.480	0.521	0.970	0.036	0.024	207.5	2055.5	2124	4	AG LAB
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	24001	3	4	08/27/01	1:15 PM	9.41	32	137	8.12	3564	1.03	95	0.248	0.010	0.470	**0.480**	0.478	0.728	0.958	0.005	0.014	196.0	1949.8	2122	6	AG LAB
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	24314	5	4	10/01/01	11:50 AM	9.21	20	108	8.09	2979	1.84	138	0.154	0.010	0.470	**0.480**	0.428	0.634	0.908	0.005	0.005	189.6	1608.0	2001	10	AG LAB
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	24445	5	4	11/05/01	2:00 PM	11.61	21	139	8.12	3607	5.07	150	0.127	0.010	0.690	**0.700**	0.392	0.827	1.092	0.005	0.005	202.4	1754.0	2095	12	AG LAB
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	24597	8	3	12/17/01	11:50 AM	12.41	5	103	8.09	3381	3.29	175	0.110	0.010	1.260	**1.270**	0.259	1.380	1.529	0.014	0.016	183.8	1681.0	1721	10	AG LAB
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	24753	10	4	01/23/02	9:30 AM	12.14	3	96	8.01	3352	3.67	179	0.025	0.010	1.210	**1.220**	0.338	1.245	1.558	0.005	0.017	164.8	1364.0	1795	15	AG LAB
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	24904	9	4	02/25/02	11:40 AM	11.24	5	94	8.14	3192	4.29	164	0.103	0.010	0.790	**0.800**	0.447	0.903	1.247	0.006	0.016	176.1	1509.0	1857	10	AG LAB
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	CGP	25035	9	4	04/01/02	12:30 PM	9.84	20	115	8.08	3261	4.37	153	0.134	0.010	0.610	**0.620**	0.448	0.754	1.068	0.009	0.019	178.1	1511.0	1673	10	AG LAB
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	18607	0	4	05/16/00	11:00 AM	8.92	22	110	8.28	4050	2.41	217	0.010	0.001	0.083	**0.084**	0.410	0.094	0.494	0.004	0.025	990.0	302.0	470	5	DEQ
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	18740	29	5	06/20/00	11:10 AM	8.25	28	114	8.51	4770	23.8	167	0.013	0.001	0.038	**0.039**	0.390	0.052	0.429	0.004	0.074	1120.0	243.0	430	41	DEQ
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	19117	17	5	07/25/00	10:00 AM	6.50	23	82	8.55	4200	23.2	232	0.050			0.050	0.450	0.100	0.500	0.005	0.116	54.7	456.0	830	68	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	21943	38	4	11/07/00	10:30 AM	12.04	4	99	8.46	2587	13.2	197	0.050			0.060	0.240	0.110	0.300	0.008	0.030	1308.0	184.0	441	56	DEQ
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	22071		4	12/12/00	12:00 PM	15.86	0	117	8.33	2898	1.74	289	0.050			0.740	0.100	0.790	0.840	0.014	0.031	1533.0	226.0	579	1	DEQ
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	22386	58	5	01/23/01	10:45 AM	12.74	2	99	8.4	249	22.4	212	0.050			0.650	0.470	0.700	1.120	0.013	0.081	1236.0	163.0	507	46	DEQ
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	22616	118	5	02/27/01	11:15 AM	12.68	8	115	8.42	2312	22.1	211	0.060			0.320	0.650	0.380	0.970	0.016	0.096	1072.0	186.0	460	1	DEQ
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	22824	56	4	04/03/01	10:30 AM	9.57	15	102	8.36	4385	12.3	192	0.050			0.080		0.130		0.006	0.034	1281.0	232.0	441	46	DEQ
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	22917	58	3	05/08/01	10:10 AM	9.42	17	105	8.36	4411	13.9	188	0.050			0.050		0.100		0.017	0.080	1314.0	195.0	452	31	DEQ
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	23039	30	4	06/12/01	9:45 AM	8.83	24	113	8.42	4707	16.1	176	0.050			0.050		0.100		0.013	0.086	1441.0	223.0	429	40	DEQ
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	24268	16	4	09/25/01	10:30 AM	9.70	16	106	8.39	4900	4.77	175	0.294	0.010	0.010	**0.020**	0.507	0.314	0.527	0.009	0.040	1339.5	203.2	431	10	AG LAB
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	24395	19	4	10/30/01	10:00 AM	10.21	15	109	8.4	4728	8.72	162	0.081	0.010	0.010	**0.020**	0.410	0.101	0.430	0.005	0.041	1285.3	211.5	428	17	AG LAB
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	24543	28	5	12/11/01	10:10 AM	13.43	3	107	8.52	4482	12.4	228	0.043	0.010	1.930	**1.940**	0.526	1.983	2.466	0.391	0.439	1145.8	197.5	491	35	AG LAB
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	24710	33	3	01/15/02	11:45 AM	13.18	1	100	8.46	4580	13.3	221	0.104	0.010	2.170	**2.180**	0.535	2.284	2.715	0.500	0.540	1147.5	204.6	527	20	AG LAB
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	CGP	24842	37	4	02/20/02	10:30 AM	12.31	6	106	8.51	4633	15.6	220	0.049	0.010	1.650	**1.660**	0.628	1.709	2.288	0.401	0.412	1111.5	210.2	599	22	AG LAB
104	Spring Creek	OK621000-02-0130G	Grant	CGP	18614	1	4	05/16/00	1:00 PM	9.81	21	115	8.38	688	2.56	256	0.010	0.033	1.800	**1.833**	0.420	1.843	2.253	0.007	0.030	50.0	72.0	260	12	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	18745	1	4	06/20/00	9:00 AM	7.33	22	88		675	8.06	288	0.056	0.050	1.390	**1.440**	0.480	1.496	1.920	0.008	0.081	41.0	59.6	285	8	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	19082	0	5	07/25/00	10:45 AM	8.66	21	101	8.08	183.5	15.8	190	0.050			1.010	0.350	1.060	1.360	0.016	0.028	31.7	44.7	230	6	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	21640	0	4	08/29/00	10:15 AM	6.88	23	84		677	5.31	256	0.140			0.760	0.620	0.900	1.380	0.021	0.074	49.0	66.0	336	4	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	21730	0	3	10/03/00	10:45 AM	5.10	19	57	7.84	836	31	247	0.050			0.960	0.590	1.010	1.550	0.037	0.096	69.8	60.1	395	34	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	21857	1	5	11/06/00	1:30 PM	10.08	11	95	7.68	843	132	79	0.090			2.020	0.740	2.110	2.760	0.180	0.220	71.1	113.0	262	64	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	22134	0	4	12/11/00	2:15 PM	15.12	1	111	7.61	1002	6.13	114	0.050			3.580	0.580	3.630	4.160	0.005	0.028	82.5	105.0	322	1	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	22433	2	4	01/22/01	3:30 PM	12.06	7	104	8.21	1079	7.68	145	0.050			3.850	0.590	3.900	4.440	0.014	0.063	99.0	124.0	317	1	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	22597	9	5	02/26/01	1:30 PM	5.52	8	49	7.78	879	1000	103	0.130			2.660	1.180	2.790	3.840	0.154	0.222	50.4	103.0	231	112	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	22786	0	4	04/02/01	1:40 PM	8.89	16	94	8.15	956	5	221	0.050			3.880		3.930		0.006	0.034	76.1	126.0	285	1	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	22924	0	4	05/08/01	12:00 PM	9.32	20	107	8.22	820	24.3	101	0.090			1.500		1.590		0.024	0.055	69.8	91.1	269	34	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	23052	1	5	06/12/01	12:20 PM	8.17	26	105	8.41	804	49.8	108	0.050			1.990		2.040		0.017	0.062	66.3	108.0	268	19	DEQ
104	Spring Creek	OK621000-02-0130G	Grant	CGP	23318	0	2	07/23/01	12:30 PM	5.86	27	77	8.13	780	12.1	189	0.051	0.010	1.640	**1.650**	0.690	1.701	2.340	0.040	0.220	60.6	76.4	275	3	AG LAB
104	Spring Creek	OK621000-02-0130G	Grant	CGP	23959	0	2	08/20/01	12:30 PM	6.64	25	84	8.07	760	22.7	188	0.215	0.010	1.400	**1.410**	0.740	1.625	2.150	0.005	0.033	67.0	80.2	269	20	AG LAB
104	Spring Creek	OK621000-02-0130G	Grant	CGP	24299	0	3	09/24/01	1:00 PM	6.89	18	76	7.41	758	40.8	186	0.238	0.010	1.980	**1.990**	0.715	2.228	2.705	0.029	0.045	68.9	76.1	323	31	AG LAB
104	Spring Creek	OK621000-02-0130G	Grant	CGP	24402	0	3	10/29/01	12:00 PM	7.08	17	76	7.27	854	11.3	190	0.332	0.010	1.920	**1.930**	1.461	2.262	3.391	0.014	0.026	74.9	85.7	374	31	AG LAB
104	Spring Creek	OK621000-02-0130G	Grant	CGP	24562	0	3	12/10/01	1:20 PM	10.01	8	88	7.43	772	18.5	231	0.378	2.150	3.150	**5.300**	1.109	5.678	6.409	0.018	0.049	87.2	119.1	416	131	AG LAB
104	Spring Creek	OK621000-02-0130G	Grant	CGP	24717	0	3	01/14/02	12:40 PM	10.49	7	90	8.15	680	27.4	195	0.559	0.010	3.990	**4.000**	1.631	4.559	5.631	0.008	0.073	65.9	82.8	329	19	AG LAB
104	Spring Creek	OK621000-02-0130G	Grant	CGP	24861	0	4	02/19/02	1:00 PM	14.91	16	158	8.59	7.88	10.2	202	0.116	0.010	2.260	**2.270**	0.778	2.386	3.048	0.016	0.052	67.9	90.1	300	10	AG LAB
104	Spring Creek	OK621000-02-0130G	Grant	CGP	25014	0	3	03/25/02	12:30 PM	9.97	5	81	7.98	642	24.6	209	0.292	0.200	1.700	**1.900**	1.115	2.192	3.015	0.005	0.084	65.5	81.1	237	14	AG LAB
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	18611	13	4	05/16/00	8:00 AM	7.41	17	80	7.81	1052	49.3	303	0.033	0.050	1.740	**1.790**	0.620	1.823	2.410	0.095	0.247	65.0	307.0	510	91	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	18748	169	6	06/20/00	12:30 PM	8.30	23	100		426.8	56.5	85	0.200	0.012	0.750	**0.762**	2.630	0.962	3.392	0.099	1.000	22.5	45.6	130	755	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	19085	47	5	07/25/00	2:45 PM	5.15	23	62	7.74	363.4	582	55	0.400			0.880	1.500	1.280	2.380	0.229	0.500	16.9	102.0	149	196	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	21643	3	4	08/29/00	2:00 PM	6.39	29	86		1632	17.3	238	0.050			0.370	0.200	0.420	0.570	0.102	0.140	115.0	322.0	705	36	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	21733	3	3	10/03/00	3:00 PM	7.30	21	85	7.91	1565	17.8	208	0.050			0.560	0.410	0.610	0.970	0.068	0.151	141.0	289.0	687	16	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	21854	129	7	11/06/00	8:30 AM	8.22	14	83	7.01	134	829	63	0.410			0.370	2.240	0.780	2.610	0.225	0.950	5.7	48.6	67	950	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	22131	7	4	12/11/00	9:30 AM	11.79	3	91	6.47	1844	16.9	192	0.050			0.770	0.350	0.820	1.120	0.026	0.064	127.0	459.0	818	9	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	22430	13	5	01/22/01	9:30 AM	12.29	0	87	7.82	1412	21.4	144	0.050			2.330	0.480	2.380	2.810	0.028	0.076	111.0	314.0	680	1	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	22594	250	7	02/26/01	8:30 AM	6.41	7	55	7.5	620	1000	81	0.360			2.320	2.590	2.680	4.910	0.743	0.784	45.3	291.0	248	830	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	22783	5	4	04/02/01	9:30 AM	8.28	12	80	7.7	1692	24.1	189	0.050			1.190		1.240		0.039	0.109	154.0	408.0	726	28	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	22921	7	5	05/08/01	8:00 AM	5.36	18	59	7.87	1497	627	132	0.160			0.980		1.140		0.160	0.229	128.0	357.0	738	81	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	23055	13	5	06/12/01	4:10 PM	6.63	27	86	8.04	1258	82.2	243	0.050			1.010		1.060		0.111	0.177	87.3	309.0	571	65	DEQ
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	23315	3	3	07/23/01	8:30 AM	6.06	29	82	8.28	1507	28	135	0.018	0.010	0.500	**0.510**	1.030	0.528	1.540	0.129	0.098	111.4	408.0	580	32	AG LAB
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	23956	1	3	08/20/01	8:30 AM	4.64	25	58	8.71	1319	10.9	162	0.214	0.010	0.510	**0.520**	0.840	0.734	1.360	0.084	0.107	104.6	348.4	533	14	AG LAB
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	24296	4	4	09/24/01	9:00 AM	5.11	21	59	8.2	1072	21.7	146	0.233	0.010	0.720	**0.730**	0.669	0.963	1.399	0.075	0.102	108.8	252.4	44	30	AG LAB
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	24399	2	3	10/29/01	8:30 AM	4.54	13	45	8.19	1245	12.1	186	0.191	0.010	0.550	**0.560**	0.742	0.751	1.302	0.019	0.056	123.8	410.5	675	10	AG LAB
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	24559	4	4	12/10/01	9:00 AM	9.76	5	79	7.26	1175	12.9	201	0.060	0.010	0.690	**0.700**	0.482	0.760	1.182	0.051	0.075	124.5	442.9	807	15	AG LAB
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	24714	5	4	01/14/02	8:00 AM	13.03	3	100	8.03	1254	15.1	155	0.015	0.010	1.300	**1.310**	0.439	1.325	1.749	0.005	0.025	130.2	611.6	862	10	AG LAB
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	24858	12	5	02/19/02	8:30 AM	10.99	10	101	8.25	1398	31.5	162	0.094	0.010	0.550	**0.560**	0.613	0.654	1.173	0.012	0.104	123.9	600.6	934	25	AG LAB
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	CGP	25011	16	5	03/25/02	8:00 AM	11.59	11	109	9.22	1541	40.4	203	0.193	0.010	0.560	**0.570**	0.654	0.763	1.224	0.023	0.090	127.3	620.4	860	40	AG LAB
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	18616	5	4	05/16/00	4:00 PM	8.74	20	102	7.83	3360	33.5	244	0.010	0.006	0.520	**0.526**	0.340	0.536	0.866	0.003	0.062	90.0	2030.0	2280	77	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	18730	8	5	06/21/00	2:45 PM	8.08	22	98		3076	50.4	284	0.025	0.006	0.710	**0.716**	0.520	0.741	1.236	0.006	0.122	82.5	1940.0	2020	82	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	19080	5	5	07/25/00	7:15 AM	6.45	24	81	7.73	2132	114	220	0.080			0.450	0.570	0.530	1.020	0.019	0.108	37.8	865.0	1188	138	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	21624	1	3	08/28/00	7:00 AM	5.54	23	68		3327	23	213	0.050			0.980	0.440	1.030	1.420	0.028	0.100	98.3	1658.0	3111	56	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	21728	0	3	10/03/00	7:30 AM	6.94	16	74	7.97	3.6	29.6	222	0.050			1.640	0.480	1.690	2.120	0.011	0.054	113.0	1135.0	3323	46	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	21963	3	5	11/13/00	12:15 PM	12.12	4	98	8.14	2031	21.6	286	0.050			0.780	0.340	0.830	1.120	0.015	0.108	96.2	1556.0	2869	50	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	22082	2	4	12/18/00	11:00 AM	13.91	1	103	8.02	1991	5.11	289	0.050			1.190	0.440	1.240	1.630	0.005	0.019	86.7	1262.0	3037	11	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	22400	14	4	01/29/01	11:00 AM	12.90	2	99	8.15	3338	11.4	254	0.050			0.720	0.430	0.770	1.150	0.014	0.026	87.0	1540.0	1915	16	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	22634	7	5	03/05/01	11:00 AM	11.76	5	97	8.23	2003	27.6	262	0.080			0.520	0.400	0.600	0.920	0.030	0.050	79.8	1659.0	1923	8	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	22835	7	4	04/09/01	12:50 PM	10.67	19	122	8.04	3322	17.2	226	0.050			0.180		0.230		0.009	0.060	85.0	1781.0	2132	52	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	22974	3	5	05/15/01	1:30 PM	8.06	24	101	7.83	3252	89.9	202	0.100			0.450		0.550		0.063	0.097	87.4	1792.0	2210	94	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	23075	1	3	06/18/01	11:15 AM	9.17	24	115	7.96	3472	28.1	212	0.050			0.420		0.470		0.016	0.063	96.3	2008.0	1954	35	DEQ
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	23320	0	2	07/24/01	7:30 AM	3.45	26	45	8.54	3572	73.8	195	0.066	0.010	0.960	**0.970**	0.690	1.036	1.660	0.025	0.227	91.8	2367.0	2441	12	AG LAB
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	23961	0	2	08/21/01	7:30 AM	3.61	23	45	8.55	3407	35.2	139	0.193	0.010	0.740	**0.750**	0.730	0.943	1.480	0.009	0.020	95.8	2458.3	2442	13	AG LAB
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	24301	0	3	09/24/01	3:30 PM	9.01	19	103	7.31	2810	12.3	172	0.054	0.010	0.770	**0.780**	0.636	0.834	1.416	0.042	0.086	80.8	1790.5	2111	10	AG LAB
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	24442	0	3	11/05/01	10:45 AM	5.46	14	56	7.65	3722	6.79	274	0.188	0.010	0.010	**0.020**	0.605	0.208	0.625	0.005	0.005	95.3	1948.5	2366	10	AG LAB
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	24564	1	3	12/10/01	4:10 PM	9.13	6	78	7.42	2560	3.31	166	0.222	0.010	1.210	**1.220**	0.472	1.442	1.692	0.005	0.018	93.2	2046.0	2418	10	AG LAB
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	24719	0	4	01/14/02	3:30 PM	12.88	5	107	8.03	2625	9.81	110	0.077	0.010	1.120	**1.130**	0.455	1.207	1.585	0.005	0.014	96.0	1970.0	2480	10	AG LAB
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	24863	0	5	02/19/02	4:00 PM	11.11	10	104	8.16	2894	9.69	191	0.072	0.010	0.940	**0.950**	0.508	1.022	1.458	0.005	0.035	131.5	2177.5	2604	10	AG LAB
104	Turkey Creek	OK621010-01-0230G	Woods	CGP	25017	0	3	03/25/02	5:30 PM	13.49	5	112	7.84	2678	15.5	185	0.185	0.010	0.890	**0.900**	0.470	1.085	1.370	0.005	0.031	97.3	2023.0	2179	10	AG LAB
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	18615	24	4	05/16/00	2:15 PM	9.15	22	110	8.19	653	11.6	250	0.010	0.010	0.510	**0.520**	0.510	0.530	1.030	0.023	0.081	70.0	77.0	340	47	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	18744	32	4	06/20/00	7:30 AM	7.83	22	94		629	16.6	309	0.024	0.007	0.600	**0.607**	0.420	0.631	1.027	0.068	0.174	55.0	67.9	305	45	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	19081	45	5	07/25/00	9:15 AM	7.56	22	91	8.15	515	54.7	223	0.070			0.430	0.480	0.500	0.910	0.149	0.188	29.6	45.3	222	72	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	21639	1	3	08/29/00	8:45 AM	6.84	23	84		641	7.19	245	0.050			0.050	0.180	0.100	0.230	0.076	0.134	55.0	63.7	309	14	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	21729	0	3	10/03/00	9:10 AM	7.43	16	79	8.19	702	10.5	182	0.050			0.050	0.230	0.100	0.280	0.083	0.119	59.4	42.5	257	1	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	21858	20	6	11/06/00	2:45 PM	10.09	11	96	8	723	201	64	0.100			0.850	0.490	0.950	1.340	0.131	0.277	53.5	74.3	257	104	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	22128	0	2	12/12/00	9:30 AM	14.05	0	101	7.66	863	24.5	113	0.050			1.890	0.480	1.940	2.370	0.041	0.067	73.9	66.8	296	9	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	22434	10	5	01/23/01	9:00 AM	13.14	2	100	8.14	831	29.2	115	0.050			1.420	0.370	1.470	1.790	0.024	0.073	69.3	63.0	298	14	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	22598	57	6	02/26/01	3:00 PM	5.86	7	51	7.97	708	1000	111	0.090			1.250	1.030	1.340	2.280	0.165	0.293	47.8	81.7	248	68	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	22787	9	4	04/02/01	3:00 PM	9.25	16	98	8.33	772	17.5	214	0.050			1.200		1.250		0.021	0.063	70.5	93.8	304	8	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	22925	13	5	05/08/01	1:30 PM	8.02	21	94	8.16	734	46.5	165	0.080			0.770		0.850		0.083	0.189	64.2	67.2	276	78	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	23051	29	5	06/12/01	10:45 AM	8.13	24	101	8.35	595	49.9	109	0.050			0.750		0.800		0.090	0.190	47.3	67.0	294	75	DEQ
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	23319	1	3	07/23/01	2:00 PM	8.91	35	134	8.48	620	60.8	153	0.046	0.010	0.460	**0.470**	0.500	0.516	0.970	0.045	0.261	60.9	64.5	259	5	AG LAB
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	24300	2	3	09/24/01	2:15 PM	6.58	22	79	7.68	520	21.6	127	0.044	0.010	0.710	**0.720**	0.509	0.764	1.229	0.118	0.161	31.5	53.6	228	25	AG LAB
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	24403	2	3	10/29/01	1:15 PM	8.41	18	93	7.69	602	5.3	219	0.095	0.010	0.470	**0.480**	0.450	0.575	0.930	0.005	0.044	44.1	49.4	266	10	AG LAB
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	24563	2	4	12/10/01	2:45 PM	13.41	8	119	7.82	412.1	4.91	156	0.074	0.010	0.560	**0.570**	0.414	0.644	0.984	0.008	0.018	48.4	50.9	246	12	AG LAB
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	24718	2	4	01/14/02	2:00 PM	11.04	8	98	8.58	451.5	3.1	198	0.084	0.010	0.840	**0.850**	0.415	0.934	1.265	0.007	0.038	47.2	47.8	255	10	AG LAB
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	24862	6	5	02/19/02	2:15 PM	10.58	16	112	8.49	570	14.1	159	0.057	0.010	0.650	**0.660**	0.450	0.717	1.110	0.019	0.066	45.7	50.4	225	10	AG LAB
104	Sandy Creek	OK621010-02-0010G	Alfalfa	CGP	25015	2	3	03/25/02	2:05 PM	11.64	5	95	7.91	412.4	41.5	151	0.108	0.010	0.620	**0.630**	0.466	0.738	1.096	0.024	0.074	49.1	48.6	209	36	AG LAB
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	18612	3	4	05/16/00	9:30 AM	7.17	17	77	7.65	1327	31.9	205	0.058	0.031	0.860	**0.891**	0.760	0.949	1.651	0.037	0.124	58.0	530.0	740	54	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	18747	42	6	06/20/00	11:30 AM	7.87	22	94		382.7	772	89	0.104	0.054	1.240	**1.294**	1.840	1.398	3.134	0.058	0.570	25.0	75.0	165	347	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	19084	2	5	07/25/00	1:30 PM	7.89	22	94	7.79	1328	25.9	173	0.200			0.640	0.590	0.840	1.230	0.072	0.106	30.5	452.0	615	20	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	21642	0	2	08/29/00	1:15 PM	4.15	23	50		2708	1.82	223	0.050			0.600	0.050	0.650	0.650	0.024	0.064	146.0	1049.0	1945	10	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	21732	0	2	10/03/00	1:45 PM	7.07	21	83	7.85	3.3	19.1	231	0.050			0.050	0.430	0.100	0.480	0.009	0.121	209.0	2933.0	2572	46	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	21855	20	5	11/06/00	10:05 AM	2.33	13	23	6.63	2.1	476	84	0.300			0.320	2.310	0.620	2.630	0.239	0.852	118.0	782.0	1187	520	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	22132	1	4	12/11/00	11:00 AM	11.62	1	85	6.69	2.4	34.5	236	0.050			0.180	0.590	0.230	0.770	0.013	0.082	102.0	871.0	1347	2	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	22431	2	4	01/22/01	11:30 AM	11.39	1	83	7.71	1716	11.3	185	0.050			0.970	0.720	1.020	1.690	0.016	0.079	72.2	635.0	937	1	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	22595	55	6	02/26/01	10:15 AM	6.83	6	57	7.64	592	1000		0.260			1.700	2.070	1.960	3.770	0.632	0.682	33.2	362.0	227	610	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	22784	1	4	04/02/01	10:50 AM	8.41	12	81	7.7	2157	8.3	153	0.050			0.550		0.600		0.005	0.056	82.8	934.0	1187	4	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	22922	0	3	05/08/01	9:00 AM	5.56	17	60	7.77	2309	37.7	112	0.160			0.490		0.650		0.058	0.110	94.1	1039.0	655	34	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	23054	0	4	06/12/01	2:50 PM	7.19	26	92	7.94	1626	130	136	0.050			0.690		0.740		0.077	0.176	69.8	626.0	885	83	DEQ
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	23316	0	2	07/23/01	10:00 AM	5.30	26	68	8.14	2766	24.3	173	0.034	0.010	0.480	**0.490**	0.910	0.524	1.400	0.100	0.564	147.9	1591.4	1714	11	AG LAB
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	23957	0	2	08/20/01	9:45 AM	4.02	22	48	7.95	3000	11.7	177	0.241	0.010	0.580	**0.590**	0.880	0.831	1.470	0.040	0.117	228.5	1881.0	2043	20	AG LAB
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	24297	0	2	09/24/01	10:00 AM	5.69	18	63	7.45	2277	18.8	122	0.212	0.010	0.560	**0.570**	0.800	0.782	1.370	0.033	0.080	149.2	1538.1	1660	23	AG LAB
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	24400	0	2	10/29/01	9:35 AM	7.67	12	74	7.5	2485	7.96	131	0.190	0.010	0.010	**0.020**	0.714	0.210	0.734	0.022	0.088	169.9	1697.5	1972	10	AG LAB
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	24560	0	3	12/10/01	10:15 AM	6.88	5	56	7.1	2284	12.5	221	0.037	0.010	0.010	**0.020**	0.476	0.057	0.496	0.081	0.086	169.4	1494.5	2080	18	AG LAB
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	24715	0	3	01/14/02	9:30 AM	10.35	4	82	7.67	2254	7.67	135	0.108	0.010	0.520	**0.530**	0.508	0.638	1.038	0.024	0.062	153.2	1519.5	1989	10	AG LAB
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	24859	0	4	02/19/02	9:35 AM	7.96	11	75	7.93	2542	10.4	211	0.103	0.010	0.540	**0.550**	0.523	0.653	1.073	0.028	0.078	176.0	1419.0	2044	61	AG LAB
104	Duck Creek	OK621100-00-0030Q	Kay	CGP	25012	0	3	03/25/02	9:30 AM	9.36	9	84	8.97	2531	22	198	0.127	0.010	0.010	**0.020**	0.518	0.147	0.538	0.029	0.113	168.9	1516.0	1857	30	AG LAB
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	18613	10	4	05/16/00	10:45 AM	7.58	17	82	7.5	2653	44	255	0.112	0.072	1.360	**1.432**	0.730	1.544	2.162	0.060	0.172	425.0	795.0	1300	86	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	18746	44	6	06/20/00	10:15 AM	7.52	23	91		1021	158	123	0.080	0.020	1.180	**1.200**	1.170	1.280	2.370	0.061	0.346	150.0	330.0	390	138	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	19083	8	5	07/25/00	12:30 PM	6.40	22	76	7.84	3281	20.4	203	0.060			1.020	0.410	1.080	1.430	0.069	0.082	104.0	744.0	1401	36	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	21641	3	4	08/29/00	12:00 PM	5.38	25	68		3629	17.8	213	0.080			0.440	0.240	0.520	0.680	0.060	0.121	928.0	1034.0	2155	38	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	21731	3	3	10/03/00	12:45 PM	6.76	19	76	7.52	3.8	12.6	196	0.050			0.710	0.270	0.760	0.980	0.024	0.074	479.0	828.0	2357	40	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	21856	122	7	11/06/00	11:15 AM	8.36	13	83	7.56	344	841	81	0.500			1.580	4.030	2.080	5.610	0.332	1.380	47.8	236.0	146	2980	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	22133	6	5	12/11/00	12:35 PM	13.44	1	98	7.22	4	10	212	0.050			0.770	0.440	0.820	1.210	0.010	0.042	577.0	942.0	1950	7	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	22432	13	5	01/22/01	1:30 PM	13.03	1	95	7.81	3.68	6.77	235	0.050			0.880	0.450	0.930	1.330	0.009	0.063	561.0	927.0	1676	22	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	22596	276	6	02/26/01	11:30 AM	5.32	7	46	7.5	1208	1000	115	0.260			2.660	1.740	2.920	4.400	0.420	0.480	145.0	287.0	410	260	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	22785	13	4	04/02/01	11:30 AM	7.59	11	72	8.6	3794	18.7	175	0.050			0.750		0.800		0.017	0.070	629.0	987.0	1569	14	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	22923	14	5	05/08/01	10:30 AM	6.22	17	67	6.18	3321	76.2	70	0.230			0.850		1.080		0.109	0.180	647.0	892.0	714	118	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	23053	26	5	06/12/01	2:00 PM	6.12	25	77	7.92	1968	75.3	127	0.050			0.810		0.860		0.081	0.191	288.0	620.0	1028	55	DEQ
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	23317	4	3	07/23/01	10:50 AM	4.83	27	63	7.93	3627	35	129	0.056	0.010	0.630	**0.640**	0.600	0.696	1.240	0.054	0.141	488.4	1522.8	1834	21	AG LAB
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	23958	1	3	08/20/01	10:30 AM	5.29	24	65	7.89	3624	24.7	168	0.153	0.010	0.680	**0.690**	0.370	0.843	1.060	0.107	0.113	454.5	1495.5	1869	56	AG LAB
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	24298	1	3	09/24/01	10:45 AM	6.56	18	72	7.17	1938	42.3	141	0.244	0.010	1.070	**1.080**	0.631	1.324	1.711	0.063	0.086	322.4	1046.1	1391	59	AG LAB
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	24401	4	4	10/29/01	10:15 AM	5.07	12	49	7.04	2988	23.7	160	0.099	0.010	0.550	**0.560**	0.537	0.659	1.097	0.010	0.052	453.0	1498.3	1987	26	AG LAB
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	24561	9	5	12/10/01	11:30 AM	11.54	4	92	7.26	2525	6.46	196	0.079	0.010	0.820	**0.830**	0.361	0.909	1.191	0.018	0.033	417.8	1430.0	1966	18	AG LAB
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	24716	4		01/14/02	10:45 AM	12.32	3	95	7.86	2325	3.7	149	0.031	0.010	1.040	**1.050**	0.303	1.081	1.353	0.005	0.018	405.0	1262.3	1788	18	AG LAB
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	24860	23	5	02/19/02	10:50 AM	8.49	10	78	7.93	2866	20.7	172	0.072	0.010	0.630	**0.640**	0.490	0.712	1.130	0.007	0.050	423.0	1184.0	1957	19	AG LAB
104	Bitter Creek	OK621100-00-0100G	Kay	CGP	25013	15	5	03/25/02	10:25 AM	8.21	9	74	8.08	2885	44.7	155	0.206	0.010	0.680	**0.690**	0.777	0.896	1.467	0.037	0.191	433.5	1209.5	1743	60	AG LAB
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	18630	137	4	05/22/00	2:20 PM	9.39	27	126	8.26	2100	33.7	209	0.050	0.012	0.370	**0.382**	0.590	0.432	0.972	0.010	0.123	340.0	276.0	540	55	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	18759	379	6	06/26/00	2:20 PM	7.15	25	92	8.27	1338	84.3	210	0.021	0.006	0.230	**0.236**	0.910	0.257	1.146	0.053	0.260	165.0	198.0	400	102	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	19175		6	07/31/00	5:00 PM	10.29	31	148	8.41	1715	28.5	234	0.060			0.130	0.750	0.190	0.880	0.005	0.033	212.0	334.0	811	26	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	21652	21	4	09/05/00	3:00 PM	8.26	31	119	8.44	1874	3.9	123	0.050			0.320	0.330	0.370	0.650	0.006	0.030	236.0	343.0	465	4	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	21746	20	4	10/09/00	1:45 PM	10.91	12	108	8.41	1749	2.38	191	0.050			1.470	0.350	1.520	1.820	0.005	0.026	234.0	248.0	517	7	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	21961	300	6	11/13/00	8:00 AM	9.88	4	80	8.43	677	61.8	207	0.050			0.430	0.650	0.480	1.080	0.072	0.160	160.0	162.0	386	70	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	22095	130	5	12/19/00	9:30 AM	13.06	0	95	8.49	864	17.8	231	0.080			0.940	0.610	1.020	1.550	0.008	0.119	189.0	173.0	706	29	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	22406	193	5	01/30/01	10:00 AM	11.97	2	92	8.38	1543	38.3	265	0.110			0.710	0.660	0.820	1.370	0.065	0.154	197.0	190.0	506	58	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	22647	251	5	03/06/01	8:35 AM	9.84	9	91	8.33	1183	15.7	258	0.050			0.590	0.420	0.640	1.010	0.039	0.080	219.0	250.0	521	18	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	22833	267	6	04/09/01	9:30 AM	8.55	18	96	8.3	1790	26.2	275	0.050			0.320		0.370		0.033	0.112	250.0	304.0	545	90	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	22953		7	05/14/01	2:00 PM	7.14	25	92	8.12	1546	55.4	220	0.050			1.000		1.050		0.138	0.230	59.1	169.0	456	62	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	23081	150	4	06/19/01	8:30 AM	7.22	23	90	8.27	1645	51.7	214	0.050			0.050		0.100		0.023	0.261	222.0	239.0	437	78	DEQ
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	23281	68	3	07/23/01	9:30 AM	8.24	27	110	8.33	1608	15.4	166	0.021	0.010	0.470	**0.480**	0.940	0.501	1.420	0.045	0.068	249.7	328.7	429	1	AG LAB
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	24004	27	5	08/28/01	8:50 AM	7.58	23	94	8	1389	15.6	131	0.285	0.010	0.650	**0.660**	0.877	0.945	1.537	0.047	0.061	159.2	303.3	409	17	AG LAB
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	24317	37	4	10/01/01	3:30 PM	9.21	22	113	8.42	1476	6.56	207	0.125	0.010	0.920	**0.930**	0.483	1.055	1.413	0.019	0.038	142.2	257.8	460	10	AG LAB
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	24448	41	4	11/06/01	8:50 AM	8.82	14	91	8.07	1538	5.55	230	0.136	0.010	1.000	**1.010**	0.514	1.146	1.524	0.014	0.036	154.8	278.6	467	10	AG LAB
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	24600	63	4	12/17/01	3:15 PM	11.97	7	105	8.38	1547	9.62	244	0.142	0.010	1.410	**1.420**	0.409	1.562	1.829	0.042	0.082	159.9	248.2	495	16	AG LAB
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	24750	80	4	01/22/02	1:10 PM	12.55	7	110	8.46	1403	16.8	249	0.227	0.010	1.470	**1.480**	0.743	1.707	2.223	0.062	0.117	148.4	241.8	499	31	AG LAB
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	24907	80		02/25/02	3:35 PM	11.21	7	99	8.55	1609	7.76	231	0.052	0.010	1.130	**1.140**	0.486	1.192	1.626	0.041	0.057	169.1	263.9	511	11	AG LAB
104	North Canadian River	OK720500-01-0010K	Woodward	CGP	25032	96	5	04/01/02	8:50 AM	10.10	13	102	8.36	1225	31.8	218	0.120	0.010	1.030	**1.040**	0.816	1.160	1.856	0.084	0.149	135.7	175.7	379	58	AG LAB
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	21654	11	4	05/23/00	7:10 AM	7.95	19	92	8.14	1005	30	251	0.053	0.016	1.120	**1.136**	0.810	1.189	1.946	0.065	0.142	55.0	178.0	440	48	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	21655	42	6	06/27/00	7:00 AM	7.67	21	92	8.17	803	175	260	0.104	0.009	0.440	**0.449**	1.470	0.553	1.919	0.189	0.484	42.5	53.0	330	174	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	21656	7	5	08/01/00	12:00 PM	8.26	25	107	8.57	904	29.2	268	0.050			1.200	0.390	1.250	1.590	0.097	0.124	52.1	123.0	441	20	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	21658	1	3	09/05/00	3:30 PM	6.63	31	96	8.58	782	12.5	131	0.050			0.570	0.240	0.620	0.810	0.019	0.046	51.7	150.0	391	18	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	21747	4	3	10/09/00	3:00 PM	9.81	13	100	8.56	873	5.12	212	0.050			1.800	0.400	1.850	2.200	0.012	0.041	56.8	110.0	526	17	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	21979	18	5	11/14/00	10:00 AM	11.61	3	92	8.55	601	14.8	305	0.050			0.840	0.380	0.890	1.220	0.092	0.127	53.7	155.0	501	32	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	22094	20	5	12/19/00	8:30 AM	14.72	0	108	8.5	534	16.7	300	0.050			1.140	0.570	1.190	1.710	0.009	0.109	38.0	110.0	526	28	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	22405	56	5	01/30/01	8:30 AM	11.49	2	89	8.46	929	71.5	287	0.050			0.560	1.210	0.610	1.770	0.087	0.230	37.2	138.0	387	118	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	22646	29	6	03/06/01	7:20 AM	10.25	8	93	8.37	708	22.4	289	0.050			0.840	0.530	0.890	1.370	0.060	0.118	47.2	181.0	430	32	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	22861	25	5	04/10/01	9:10 AM	8.29	18	94	8.2	1024	34.2	275	0.050			0.720		0.770		0.079	0.189	46.9	164.0	431	100	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	22954	20	5	05/14/01	3:00 PM	8.53	26	113	8.23	857	46.4	201	0.050			1.000		1.050		0.138	0.230	59.1	169.0	456	62	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	23080	8	4	06/19/01	7:30 AM	7.57	20	89	8.34	1048	22.7	254	0.050			1.340		1.390		0.114	0.166	66.2	165.0	424	29	DEQ
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	23286	2	4	07/24/01	7:30 AM	7.21	24	92	8.31	1036	23.9	233	0.018	0.010	0.470	**0.480**	0.780	0.498	1.260	0.235	0.228	175.0	198.5	419	43	AG LAB
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	24003	10	5	08/28/01	7:45 AM	7.58	21	91	8.14	862	167	176	0.494	0.010	0.920	**0.930**	1.937	1.424	2.867	0.258	0.399	42.9	172.8	306	173	AG LAB
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	24316	10	5	10/01/01	2:30 PM	8.48	22	104	8.41	958	28.8	267	0.368	0.010	1.360	**1.370**	0.746	1.738	2.116	0.126	0.204	47.6	141.1	378	41	AG LAB
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	24447	13	4	11/06/01	7:50 AM	8.78	14	91	8.08	973	8.7	296	0.141	0.010	0.910	**0.920**	0.570	1.061	1.490	0.039	0.077	47.4	127.0	389	17	AG LAB
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	24599	15	5	12/17/01	2:40 PM	11.08	9	102	8.48	9.53	9.59	291	0.123	0.010	1.180	**1.190**	0.378	1.313	1.568	0.065	0.083	41.4	133.7	382	19	AG LAB
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	24751	17	5	01/22/02	2:00 PM	11.49	8	104	8.45	948	11.1	282	0.074	0.010	1.150	**1.160**	0.420	1.234	1.580	0.041	0.077	43.3	126.3	403	25	AG LAB
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	24906	14	5	02/25/02	2:35 PM	10.74	7	95	8.62	985	7.82	237	0.046	0.010	0.920	**0.930**	0.446	0.976	1.376	0.041	0.047	45.0	136.7	257	10	AG LAB
104	Persimmon Creek	OK720500-01-0150G	Woodward	CGP	25033	14	4	04/01/02	9:55 AM	11.16	13	113	8.42	963	7.2	254	0.143	0.010	1.040	**1.050**	0.664	1.193	1.714	0.059	0.060	46.1	143.3	381	17	AG LAB
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	18609	9	4	05/16/00	12:50 PM	9.24	19	108	8.15	763	6.18	202	0.010	0.005	0.870	**0.875**	0.270	0.885	1.145	0.004	0.025	90.0	39.8	290	6	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	18742	10	4	06/20/00	1:20 PM	7.53	25	99	8.14	765	15.3	212	0.020	0.007	0.990	**0.997**	0.260	1.017	1.257	0.022	0.079	75.0	44.0	270	32	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	19120	8	5	07/25/00	1:30 PM	6.21	26	83	8.41	689	13.2	227	0.050			0.810	0.140	0.860	0.950	0.018	0.034	67.3	31.4	234	72	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	21637	4	4	08/29/00	12:00 PM	8.50	24	109	8.28	681	9.35	188	0.060			0.630	0.150	0.690	0.780	0.012	0.035	70.0	33.3	265	14	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	21679	5	3	10/03/00	3:15 PM	9.12	22	113	8.27	571	2.56	179	0.050			0.920	0.120	0.970	1.040	0.007	0.021	77.7	28.5	242	10	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	21946	9	4	11/07/00	2:30 PM	10.15	10	97	8.36	520	5.61	210	0.050			1.090	0.130	1.140	1.220	0.022	0.035	77.8	29.2	293	16	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	22073	7	4	12/12/00	2:15 PM	11.79	4	97	8.47	415	8.93	224	0.050			1.340	0.200	1.390	1.540	0.018	0.047	67.6	29.0	259	10	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	22388	9	4	01/23/01	1:00 PM	11.43	8	104	8.52	476	6.9	207	0.050			1.410	0.240	1.460	1.650	0.017	0.042	74.0	43.9	249	2	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	22618	11	5	02/27/01	2:15 PM	11.00	6	96	8.3	752	6.07	211	0.050			0.050	0.550	0.100	0.600	0.024	0.032	50.5	647.0	451	0	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	22826	10	4	04/03/01	1:00 PM	11.67	17	131	8.47	733	8.64	201	0.050			1.090		1.140		0.008	0.028	79.2	49.6	241	12	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	22919	9	4	05/08/01	12:40 PM	9.92	20	118	8.25	7.39	14.4	197	0.050			0.940		0.990		0.019	0.059	81.0	34.1	252	35	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	23041	8	4	06/12/01	12:15 PM	7.95	24	102	8.23	712	15.2	200	0.050			0.870		0.920		0.016	0.051	74.9	35.5	242	30	DEQ
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	23236	1	3	07/17/01	2:00 PM	7.88	27	107	8.34	687	17.8	146	0.015	0.010	0.800	**0.810**	0.390	0.825	1.200	0.025	0.307	76.4	33.2	232	21	AG LAB
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	23975	4	4	08/21/01	1:00 PM	8.56	25	112	8.27	666	9.31	181	0.031	0.010	1.090	**1.100**	0.427	1.131	1.527	0.097	0.076	66.6	30.6	223	21	AG LAB
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	24270	6	4	09/25/01	1:00 PM	9.28	18	106	8.32	720	3.16	202	0.015	0.010	1.160	**1.170**	0.312	1.185	1.482	0.012	0.021	62.2	30.7	247	10	AG LAB
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	24397	6	4	10/30/01	12:45 PM	10.26	17	115	8.3	711	1.96	203	0.015	0.010	1.190	**1.200**	0.188	1.215	1.388	0.005	0.011	63.8	30.7	237	10	AG LAB
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	24545	7	5	12/11/01	12:45 PM	12.74	9	119	8.4	698	2.75	202	0.015	0.010	1.380	**1.390**	0.193	1.405	1.583	0.007	0.018	65.3	32.0	239	10	AG LAB
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	24712	7	5	01/15/02	2:05 PM	12.31	8	113	8.5	692	2.13	202	0.019	0.010	1.380	**1.390**	0.163	1.409	1.553	0.015	0.016	60.3	31.7	237	10	AG LAB
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	24844	8	5	02/20/02	12:30 PM	12.14	11	119	8.4	709	4.18	197	0.015	0.010	1.350	**1.360**	0.244	1.375	1.604	0.009	0.014	65.4	34.2	261	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	CGP	24997	8	5	03/26/02	11:30 AM	12.01	9	112	8.45	709	4.98	201	0.038	0.010	1.400	**1.410**	0.263	1.448	1.673	0.015	0.023	65.3	33.2	233	10	AG LAB
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	18622	54	3	05/23/00	8:50 AM	7.61	21	92	8.11	1105	36.3	214	0.031	0.015	0.760	**0.775**	0.690	0.806	1.465	0.011	0.106	130.0	98.9	340	68	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	18761	88	6	06/27/00	8:20 AM	6.61	21	80	7.86	1001	74.3	239	0.039	0.012	0.760	**0.772**	0.990	0.811	1.762	0.023	0.210	105.0	85.0	330	107	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	19166	31	6	08/01/00	8:00 AM	7.88	21	96	8.42	993	27.6	222	0.050			0.550	0.340	0.600	0.890	0.017	0.089	116.0		295	52	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	21660	17	3	09/06/00	8:15 AM	7.88	21	96	7.94	1002	8.93	180	0.050			0.430	0.460	0.480	0.890	0.010	0.037	128.0	106.0	351	16	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	21755	21	4	10/10/00	8:30 AM	10.97	7	98	10.23	814	9.12	212	0.050			1.000	0.210	1.050	1.210	0.005	0.022	140.0	87.6	427	10	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	21978	59	5	11/14/00	7:45 AM	11.45	4	94	8.33	566	7.59	250	0.050			1.480	0.270	1.530	1.750	0.024	0.041	118.0	90.2	390	12	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	22086	58	5	12/18/00	4:50 PM	11.54	6	100	8.37	635	7.96	235	0.050			0.050	0.480	0.100	0.530	0.006	0.051	104.0	69.4	397	15	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	22404	83	5	01/29/01	5:00 PM	11.33	7	101	8.38	901	8.58	231	0.050			1.410	0.330	1.460	1.740	0.020	0.054	105.0	68.5	338	40	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	22638	110	6	03/05/01	4:45 PM	9.81	14	103	8.26	837	30.6	254	0.050			1.110	0.640	1.160	1.750	0.031	0.108	127.0	88.4	342	26	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	22839	91	5	04/09/01	6:30 PM	9.33	21	113	8.36	1026	17.1	233	0.050			0.800		0.850		0.016	0.081	127.0	69.9	339	80	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	22968	25	6	05/15/01	7:30 AM	5.64	19	66	8.06	947	67.2		0.050			1.130		1.180		0.063	0.188	123.0	77.7	330	104	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	23079	49	4	06/18/01	4:40 PM	7.88	31	115	8.41	988	43.1	218	0.050			1.020		1.070		0.038	0.151	119.0	119.0	293	68	DEQ
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	23285	27	3	07/23/01	5:35 PM	7.23	35	113	8.33	8.67	16.4	168	0.015	0.010	1.030	**1.040**	0.430	1.055	1.470	0.038	0.038	112.7	109.8	269	26	AG LAB
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	24002	40	6	08/27/01	3:00 PM	7.56	30	108	8.26	652	138	142	0.350	0.010	0.790	**0.800**	1.369	1.150	2.169	0.113	0.284	56.2	68.3	210	148	AG LAB
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	24315	28	4	10/01/01	1:15 PM	11.01	20	131	8.36	1009	12.1	204	0.047	0.010	1.180	**1.190**	0.311	1.237	1.501	0.005	0.005	109.3	105.2	310	24	AG LAB
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	24446	31	5	11/05/01	3:15 PM	10.31	19	120	8.28	1005	15.6	210	0.088	0.010	1.190	**1.200**	0.448	1.288	1.648	0.005	0.023	107.4	101.8	308	42	AG LAB
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	24598	36	4	12/17/01	1:05 PM	12.95	7	115	8.33	932	5.98	199	0.110	0.010	1.670	**1.680**	0.199	1.790	1.879	0.009	0.032	95.2	99.5	331	10	AG LAB
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	24752	40	4	01/23/02	8:00 AM	10.83	5	92	8.1	1020	10.6	225	0.015	0.010	1.600	**1.610**	0.325	1.625	1.935	0.011	0.050	91.3	91.1	329	26	AG LAB
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	24905	46	5	02/25/02	12:55 PM	11.72	6	102	8.34	994	7.75	199	0.080	0.010	1.210	**1.220**	0.309	1.300	1.529	0.015	0.022	106.6	94.0	229	10	AG LAB
104	Wolf Creek	OK720500-03-0010G	Woodward	CGP	25034	49	4	04/01/02	11:05 AM	10.65	15	114	8.27	983	18.8	209	0.053	0.010	1.010	**1.020**	0.530	1.073	1.550	0.026	0.071	99.1	89.4	303	44	AG LAB
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	18569	1	4	05/22/00	12:30 PM	7.86	27	103	8.29	665	14	283	0.022	0.017	0.400	**0.417**	0.320	0.439	0.737	0.021	0.065	17.5	36.4	400	14	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	18782	3	5	06/26/00	12:00 PM	7.70	24	95	8.27		40.2	332	0.025	0.008	0.320	**0.328**	0.510	0.353	0.838	0.021	0.092	25.0	34.2	300	34	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	18967	1	4	07/31/00	4:30 PM	7.42	30	102	8.15	456.3	2.18	317	0.060			0.290	0.240	0.350	0.530	0.008	0.018	7.7	29.4	361	6	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	21346	0	3	09/05/00	1:20 PM	8.14	29	110	8.17	782	5.35	312	0.050			0.410	0.330	0.460	0.740	0.023	0.055	11.0	20.7	539	1	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	21740	1	3	10/09/00	2:00 PM	9.36	15	97	8.39	858	7.21	359	0.080			0.540	0.230	0.620	0.770	0.018	0.053	8.7	42.1	624	1	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	21953	11	5	11/13/00	4:30 PM	8.90	9	80	8.11	634	36.3	238	0.060			0.440	0.470	0.500	0.910	0.037	0.087	7.0	24.7	272	36	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	22092	6	4	12/18/00	3:30 PM	11.52	7	99	8.3	342.8	27.8	283	0.050			0.630	0.300	0.680	0.930	0.005	0.057	5.0	26.8	357	28	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	22442	43	6	01/30/01	8:30 AM	13.89	4	110	8.33	412.5	132	236	0.050			0.250	0.650	0.300	0.900	0.065	0.121	8.3	19.6	288	205	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	22644	16	4	03/05/01	4:30 PM	9.65	14	97	8.05	956	23	198	0.050			0.530	0.490	0.580	1.020	0.017	0.063	9.1	27.3	336	34	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	22851	10	4	04/09/01	4:50 PM	8.40	25	106	7.97	845	9.76	252	0.050			0.490		0.540		0.009	0.035	8.7	28.4	341	20	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	22940	8	3	05/14/01	4:00 PM	7.37	28	98	7.88	888	34.7	183	0.050			0.340		0.390		0.036	0.059	7.6	21.0	335	32	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	23067	3	3	06/18/01	3:00 PM	6.78	31	95	7.88	741	6.55	318	0.050			0.710		0.760		0.014	0.035	14.7	36.1	324	12	DEQ
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	23296	1	3	07/23/01	2:30 PM	6.46	35	97	7.74	643	7.14	302	0.015	0.420	1.210	**1.630**	0.460	1.645	2.090	0.034	0.005	13.0	50.7	328	13	AG LAB
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	24025	1	3	08/27/01	2:45 PM	5.03	32	72	7.5	641	7.64	189	0.271	0.010	1.080	**1.090**	0.521	1.361	1.611	0.019	0.023	13.4	48.9	325	15	AG LAB
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	24339	2	3	10/01/01	1:50 PM	5.76	22	69	8.35	737	11	310	0.053	0.420	1.290	**1.710**	0.585	1.763	2.295	0.007	0.057	13.3	42.5	397	15	AG LAB
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	24434	3	3	11/05/01	2:00 PM	8.60	22	102	7.9	985	16.4	315	0.146	0.470	0.890	**1.360**	0.855	1.506	2.215	0.021	0.083	13.1	35.3	389	10	AG LAB
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	24588	7	4	12/17/01	3:00 PM	10.67	11	101	7.84	965	31.3	184	0.111	0.010	1.000	**1.010**	0.791	1.121	1.801	0.040	0.131	13.3	25.2	340	33	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	24762	4	3	01/22/02	2:20 PM	10.59	14	107	5.72	912	5.93	321	0.160	0.010	1.000	**1.010**	0.585	1.170	1.595	0.005	0.035	13.3	36.1	369	10	AG LAB
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	24895	4	3	02/25/02	2:20 PM	11.70	10	108	8.5	957	4.84	307	0.099	0.090	0.740	**0.830**	0.311	0.929	1.141	0.007	0.018	13.7	35.4	231	10	AG LAB
90	Laflin Creek	OK310810-02-0200G	Grady	COTP	25047	4	4	04/01/02	2:30 PM	8.77	24	108	8.34	707	9.52	316	0.118	0.120	0.710	**0.830**	0.466	0.948	1.296	0.011	0.052	13.4	30.8	365	10	AG LAB
90	Winter Creek	OK310810-02-0220G	Grady	COTP	18570	2	4	05/22/00	1:35 PM	10.13	31	142	8.35	540	3.52	248	0.017	0.012	0.050	**0.062**	0.100	0.079	0.162	0.012	0.043	16.0	35.6	360	1	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	18783	3	5	06/26/00	12:30 PM	8.13	25	103	8.29		6.33	299	0.020	0.014	0.250	**0.264**	0.290	0.284	0.554	0.057	0.091	20.0	35.4	350	11	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	18970	2	4	07/31/00	5:30 PM	7.59	32	108	8.19	753	3.54	312	0.050			0.080	0.110	0.130	0.190	0.022	0.037	6.6	23.2	330	6	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	21345	0	3	09/05/00	2:30 PM	14.32	32	205	8.54	762	1.15	279	0.050			0.050	0.140	0.100	0.190	0.014	0.035	6.4	14.5	382	1	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	21741	1	3	10/09/00	3:20 PM	10.96	15	113	8.42	778	0.93	327	0.050			0.050	0.120	0.100	0.170	0.009	0.052	7.6	33.8	510	1	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	21954	14	5	11/13/00	5:30 PM	10.03	9	90	8.17	620	31.8	239	0.080			0.340	0.545	0.420	0.885	0.040	0.085	5.0	24.9	266	22	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	22093	11	4	12/18/00	4:15 PM	12.60	6	105	8.51	447.7	13.8	289	0.050			0.300	0.270	0.350	0.570	0.005	0.046	5.0	24.2	354	9	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	22443	44	6	01/30/01	9:30 AM	14.09	5	115	8.37	696	110	154	0.050			0.200	0.710	0.250	0.910	0.043	0.125	5.5	16.2	281	180	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	22645	22	4	03/05/01	5:15 PM	9.78	14	99	8.08	936	15.3	302	0.050			0.290	0.340	0.340	0.630	0.012	0.034	6.0	21.9	319	22	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	22852	14	4	04/09/01	5:45 PM	8.65	25	109	8.1	820	4.77	269	0.050			0.180		0.230		0.005	0.024	5.8	27.5	328	24	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	22941	8	3	05/14/01	4:45 PM	8.09	28	108	7.97	714	10.9	318	0.070			0.230		0.300		0.167	0.276	13.4	153.0	421	83	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	23068	4	3	06/18/01	3:45 PM	8.23	31	116	7.92	814	1.81	302	0.050			0.090		0.140		0.014	0.022	10.9	27.9	301	5	DEQ
90	Winter Creek	OK310810-02-0220G	Grady	COTP	23297	1	3	07/23/01	3:10 PM	10.44	36	159	7.93	724	2.23	327	0.015	0.010	0.510	**0.520**	0.360	0.535	0.880	0.057	0.045	11.1	43.2	309	1	AG LAB
90	Winter Creek	OK310810-02-0220G	Grady	COTP	24026	2	3	08/27/01	3:30 PM	8.18	33	119	7.76	640	2.36	273	0.271	0.010	0.490	**0.500**	0.530	0.771	1.030	0.038	0.039	11.1	34.9	281	3	AG LAB
90	Winter Creek	OK310810-02-0220G	Grady	COTP	24340	2	3	10/01/01	2:40 PM	11.47	21	134		689	2.08	318	0.015	0.420	0.570	**0.990**	0.209	1.005	1.199	0.013	0.018	11.7	40.7	372	10	AG LAB
90	Winter Creek	OK310810-02-0220G	Grady	COTP	24435	3	3	11/05/01	2:50 PM	7.61	20	87	7.82	1039	4.84	337	0.098	0.420	0.540	**0.960**	0.384	1.058	1.344	0.037	0.049	11.6	32.0	389	10	AG LAB
90	Winter Creek	OK310810-02-0220G	Grady	COTP	24589	10	4	12/17/01	3:50 PM	11.93	9	107	7.92	992	20	195	0.211	0.010	0.840	**0.850**	0.882	1.061	1.732	0.040	0.088	10.2	20.8	333	20	AG LAB
90	Winter Creek	OK310810-02-0220G	Grady	COTP	24763	5	3	01/22/02	3:30 PM	14.04	11	133	5.04	1036	9.51	327	0.167	0.010	0.780	**0.790**	0.565	0.957	1.355	0.005	0.030	11.0	32.3	365	10	AG LAB
90	Winter Creek	OK310810-02-0220G	Grady	COTP	24896	6	3	02/25/02	3:00 PM	15.85	9	143	8.54	1009	3.79	333	0.133	0.010	0.550	**0.560**	0.442	0.693	1.002	0.005	0.018	11.0	30.4	254	10	AG LAB
90	Winter Creek	OK310810-02-0220G	Grady	COTP	25048	5	4	04/01/02	3:00 PM	15.62	21	183	8.52	681	2.91	313	0.076	0.010	0.520	**0.530**	0.353	0.606	0.883	0.008	0.024	10.8	27.1	352	10	AG LAB
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	18571	8	4	05/22/00	3:00 PM	7.99	35	120	8.25	1025	2.97	231	0.017	0.010	0.093	**0.103**	0.280	0.120	0.383	0.010	0.034	125.0	156.0	410	1	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	18784		7	06/26/00	2:00 PM	8.45	24	104	8.16		1000	238	0.091	0.016	0.250	**0.266**	2.550	0.357	2.816	0.062	1.470	50.0	84.5	215	2305	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	18969	5	4	07/31/00	2:30 PM	9.14	35	137	8.23	1170	1.17	305	0.050			0.050	0.260	0.100	0.310	0.005	0.005	238.0	126.0	638	6	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	21334	1	4	09/05/00	3:45 PM	6.86	34	101	8.58	3.4	0.95	359	0.050			0.050	0.330	0.100	0.380	0.007	0.017	994.0	15.1	578	1	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	21742	2	3	10/09/00	5:30 PM	9.87	15	102	8.38	2.77	0.69	421	0.050			0.050	0.140	0.100	0.190	0.005	0.026	424.0	174.0	716	1	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	21951	50	5	11/13/00	2:10 PM	10.74	8	94	8.29	731	72.3	196	0.050			0.250	0.470	0.300	0.720	0.061	0.141	79.7	91.3	330	84	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	22090	43	4	12/18/00	12:50 PM	13.37	4	106	8.36	489	43.3	255	0.050			0.170	0.350	0.220	0.520	0.006	0.092	75.2	106.0	503	43	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	22417	132	6	01/31/01	2:00 PM	12.49	7	107	8	515	198	220	0.050			0.270	0.770	0.320	1.040	0.098	0.143	39.6	91.3	319	235	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	22642	105	5	03/05/01	1:30 PM	10.91	12	105	8.36	1069	56.8	267	0.050			0.230	0.540	0.280	0.770	0.044	0.131	63.2	122.0	421	80	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	22849	60	4	04/09/01	2:30 PM	10.69	26	137	7.95	1062	16.9	301	0.050			0.050		0.100		0.006	0.037	92.6	151.0	487	34	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	22938	41	3	05/14/01	1:30 PM	8.75	29	118	7.92	1316	28.7	297	0.050			0.120		0.170		0.027	0.109	113.0	156.0	516	18	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	23065	29	3	06/18/01	12:45 PM	8.70	31	122	8.02	936	8.3	198	0.050			0.050		0.100		0.014	0.033	134.0	157.0	446	13	DEQ
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	23294	6	3	07/23/01	12:00 PM	9.50	34	140	8.05	1150	3.35	301	0.015	0.010	0.560	**0.570**	0.450	0.585	1.020	0.020	0.005	136.7	112.0	402	1	AG LAB
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	24023	8	3	08/27/01	12:40 PM	10.03	32	143	8.14	1154	1.85	319	0.118	0.010	0.630	**0.640**	0.437	0.758	1.077	0.006	0.005	353.5	231.5	471	5	AG LAB
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	24337	0	3	10/01/01	12:00 PM	9.97	19	112		1260	0.85	357	0.055	0.010	0.010	**0.020**	0.244	0.075	0.264	0.005	0.005	285.0	212.3	634	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	24432	11	3	11/05/01	12:00 PM	10.53	19	118	8.01	2050	2.98	349	0.063	0.010	0.440	**0.450**	0.310	0.513	0.760	0.007	0.024	240.2	186.5	608	10	AG LAB
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	24586	55	4	12/17/01	12:30 PM	10.99	9	99	7.76	1414	308	218	0.204	0.010	0.820	**0.830**	1.110	1.034	1.940	0.102	0.218	104.4	107.2	374	179	AG LAB
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	24760	14	3	01/22/02	12:00 PM	15.16	8	133	6.4	2128	6.25	313	0.094	0.010	0.460	**0.470**	0.354	0.564	0.824	0.005	0.029	179.1	186.4	619	10	AG LAB
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	24893	15	3	02/25/02	11:45 AM	11.89	9	107	8.31		6.87	290	0.119	0.010	0.010	**0.020**	0.356	0.139	0.376	0.005	0.031	160.0	164.4	560	13	AG LAB
90	Rush Creek	OK310810-05-0010H	Garvin	COTP	25045	25	4	04/01/02	12:00 PM	11.22	20	128	8.27	1176	5.03	285	0.041	0.010	0.010	**0.020**	0.299	0.061	0.319	0.009	0.025	133.1	161.8	519	10	AG LAB
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	18704	0	2	05/15/00	7:00 AM	1.02	17	11	7.45	353.6	57	185	0.026	0.002	0.250	**0.252**	1.540	0.278	1.792	0.007	0.230	20.0	4.6	200	51	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	18767	1	5	06/19/00	8:00 AM	2.15	22	25	7.14	132.6	628	357	0.238	0.030	0.570	**0.600**	1.700	0.838	2.300	0.271	1.060	8.0	1.0	50	337	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	18930	0	2	07/24/00	10:00 AM	1.95	24	24	7.36	330	67.3	154	0.080			0.050	1.850	0.130	1.900	0.369	0.814	6.1	17.7	81	50	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	21482	0	2	08/28/00	7:30 AM	0.70	25	9	7.3	504	378	153	0.190			0.080	2.140	0.270	2.220	0.402	0.656	19.0	57.9	120	228	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	21400	0	2	10/02/00	9:00 AM	0.65	18	7	7.95	820	839	175	2.070			0.080	8.980	2.150	9.060	0.269	3.020	89.7	105.0	166	324	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	21917		7	11/06/00	1:15 PM	6.72	16	70	6.82	126.4	487	44	0.180			0.380	1.220	0.560	1.600	0.254	0.629	5.6	78.9	42	330	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	22056	0	5	12/11/00	9:00 AM	10.26	7	87	7.66	767	53.5	94	0.050			0.300	1.080	0.350	1.380	0.061	0.140	171.0	31.1	177	22	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	22323	3	4	01/22/01	9:00 AM	13.92	2	104	7.92	316.4	58.6	117	0.050			0.210	0.920	0.260	1.130	0.054	0.128	66.8	33.1	137	3	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	22601	46	6	02/26/01	9:00 AM	8.35	11	78	7.95	216	171	68	0.140			0.250	1.430	0.390	1.680	0.155	0.247	14.1	47.6	71	72	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	22796	3	4	04/02/01	9:15 AM	6.70	16	70	7.76		33.6	282	0.280			0.050		0.330		0.032	0.115	215.0	71.2	333	6	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	22891	0	3	05/07/01	9:00 AM	1.71	21	20	7.61	1793	27.5	305	0.050			0.050		0.100		0.077	0.249	413.0	24.3	453	32	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	23013	0	2	06/11/01	9:00 AM	1.47	24	18	7.64	595	178	173	0.050			0.050		0.100		0.354	0.364	61.7	51.9	144	106	DEQ
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	23200	0	2	07/16/01	9:00 AM	0.78	27	10	7.42	838	58.3	217	0.015	0.010	0.010	**0.020**	3.220	0.035	3.240	0.248	0.485	72.0	3.4	190	65	AG LAB
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	23944	0	2	08/20/01	9:00 AM	2.01	24	25	7.13	828	200	265	1.766	0.010	0.580	**0.590**	3.870	2.356	4.460	0.167	0.410	82.3	12.7	208	161	AG LAB
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	24275	1	4	09/24/01	9:00 AM	3.37	20	38	7.87	246	443	54	0.661	0.010	1.490	**1.500**	2.345	2.161	3.845	0.310	0.440	10.6	8.4	73	13	AG LAB
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	24415	0	2	10/29/01	10:30 AM	2.25	13	22	6.81	269.5	180	44	0.642	0.010	0.800	**0.810**	1.067	1.452	1.877	0.344	0.548	28.6	7.9	75	73	AG LAB
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	24547	0	2	12/10/01	8:00 AM	2.01	3	15	6.8	306.8	91.1	115	0.399	0.540	0.010	**0.550**	1.742	0.949	2.292	0.301	0.442	13.4	3.1	81	10	AG LAB
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	24735	0	2	01/15/02	8:00 AM	4.11	4	32	7.08	235.6	60	200	0.439	0.010	0.710	**0.720**	1.596	1.159	2.316	0.271	0.421	12.2	6.4	55	44	AG LAB
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	24867	0	3	02/19/02	9:15 AM	4.44	10	41		259.2	275	74	0.521	0.010	0.770	**0.780**	2.017	1.301	2.797	0.282	0.299	16.9	6.3	51	73	AG LAB
90	West Mud Creek	OK311100-04-0080G	Jefferson	COTP	24975	0	4	03/25/02	9:20 AM	5.22	12	50	7.42	230.5	624	123	1.411	0.010	1.030	**1.040**	3.849	2.451	4.889	0.379	0.451	12.9	6.4	51	93	AG LAB
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	18702	10	3	05/15/00	8:30 AM	0.36	18	4	7.99	1062	53.7	482	0.157	0.003	0.076	**0.079**	1.440	0.236	1.519	0.147	0.302	100.0	3.0	420	47	DEQ
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	18768	1	3	06/19/00	9:30 AM	0.30	22	4	7.62	1315	62.6	327	39.400	0.002	1.480	**1.482**	44.400	40.882	45.882	2.320	4.620	90.0	0.4	285	118	DEQ
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	21918		6	11/06/00	4:15 PM	8.00	15	82	6.96	508	195	60	0.110			0.240	0.820	0.350	1.060	0.141	0.410	76.4	42.5	106	132	DEQ
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	22057	5	5	12/11/00	10:30 AM	10.42	6	87	8.22	1507	8.23	363	0.050			0.480	0.320	0.530	0.800	0.041	0.067	818.0	52.8	632	2	DEQ
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	22324	6	4	01/22/01	10:00 AM	14.58	3	113	8.15	915	5.61	328	0.050			0.150	0.330	0.200	0.480	0.010	0.063	917.0	42.2	765	4	DEQ
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	22602	26	6	02/26/01	10:15 AM	9.90	11	93	7.98	852	48.2	152	0.070			0.320	0.940	0.390	1.260	0.052	0.106	257.0	27.9	325	36	DEQ
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	22797	7	4	04/02/01	10:45 AM	9.10	16	96	8.15		3.89	260	0.050			0.400		0.450		0.011	0.021	944.0	47.4	773	1	DEQ
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	22892	7	4	05/07/01	10:45 AM	7.12	21	83	7.84	1590	25.8	236	0.130			0.350		0.480		0.069	0.118	485.0	29.9	456	27	DEQ
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	23014	3	3	06/11/01	9:50 AM	7.62	24	94	8.03	3079	5.22	346	0.050			0.190		0.240		0.032	0.074	1122.0	36.6	694	5	DEQ
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	23201	0	3	07/16/01	10:15 AM	7.27	27	95	8	1297	3.52	324	0.015	0.010	0.400	**0.410**	0.530	0.425	0.940	0.050	0.049	536.8	25.5	399	1	AG LAB
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	23945	0	2	08/20/01	10:00 AM	1.91	24	24	8.52	1061	12.5	332	0.827	0.010	0.550	**0.560**	3.540	1.387	4.100	0.173	0.452	357.2	37.2	299	11	AG LAB
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	24414	0	2	10/29/01	9:15 AM	0.65	14	7	7.26	765	1000	299	2.295	0.550	0.470	**1.020**	4.701	3.315	5.721	0.318	1.138	53.7	5.0	279	85	AG LAB
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	24548	0	2	12/10/01	9:00 AM	9.97	2	75	8.23		1.77	378	0.088	0.010	0.010	**0.020**	0.461	0.108	0.481	0.087	0.115	70.3	20.8	354	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	24736	0	3	01/15/02	9:15 AM	11.62	2	87	8.24		4.25	362	0.025	0.010	0.010	**0.020**	0.397	0.045	0.417	0.005	0.032	72.4	25.9	337	10	AG LAB
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	24868	0	3	02/19/02	10:15 AM	7.32	13	72		1057	135	253	0.862	0.010	0.820	**0.830**	2.611	1.692	3.441	0.089	0.110	60.0	17.2	245	58	AG LAB
90	Dry Creek	OK311200-00-0080G	Stephens	COTP	24976	0	4	03/25/02	10:30 AM	9.05	8	79	8.31	1341	29.8	202	0.225	0.010	0.010	**0.020**	0.743	0.245	0.763	0.031	0.054	234.7	13.8	253	12	AG LAB
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	18561	1	4	05/16/00	7:30 AM	6.01	19	68	7.75	643	22.4	254	0.062	0.042	0.450	**0.492**	0.960	0.554	1.452	0.105	0.166	60.0	21.2	330	29	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	19222	27	6	06/19/00	3:15 PM	10.68	23	130	7.95		962	76	0.078	0.018	0.370	**0.388**	0.740	0.466	1.128	0.097	0.241	15.0	3.6	115	123	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	18937	4	4	07/24/00	9:50 AM	5.19	23	63		321	47.2	101	0.120			0.410	0.450	0.530	0.860	0.125	0.219	12.7	22.4	94	310	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	21325	0		08/28/00	11:20 AM	5.32	27	70		912	5.77	181	0.050			0.050	0.340	0.100	0.390	0.089	0.179	128.0	12.6	373	2	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	21357	0	3	10/02/00	10:00 AM	5.13	18	57	7.63	433	17.1	116	0.050			0.110	0.530	0.160	0.640	0.087	0.147	34.1	15.3	145	12	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	21933	14	6	11/07/00	1:30 PM	5.98	11	57	8.01	236.8	50	109	0.080			0.290	0.670	0.370	0.960	0.128	0.139	14.0	18.4	135	40	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	22078	2	4	12/12/00	12:15 PM	14.83	2	112	7.87	597	7.92	424	0.050			0.140	0.360	0.190	0.500	0.077	0.087	99.6	32.8	548	1	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	22189	8	3	01/23/01	1:30 PM	14.58	5	119	8.05	1123	9.39	267	0.490			0.710	0.980	1.200	1.690	0.024	0.092	138.0	71.6	323	1	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	22545	12	5	02/26/01	11:15 AM	9.81	10	91	8.01	523	53.9	197	0.210			0.860	0.740	1.070	1.600	0.084	0.132	42.2	27.2	221	36	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	22806	3	4	04/03/01	11:15 AM	10.65	19	120	8.17	953	10.3	217	0.050			0.050		0.100		0.028	0.116	130.0	21.6	302	16	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	22931	4	4	05/08/01	1:30 PM	5.10	21	60	7.63	603	14.5	179	0.300			0.660		0.960		0.141	0.251	102.0	23.7	211	12	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	23059	2	4	06/12/01	1:15 PM	7.01	29	95	7.8	848	15.1	275	0.060			0.280		0.340		0.105	0.151	80.9	25.2	18	9	DEQ
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	23221	0		07/17/01	12:30 PM	6.39	31	90	7.77	719	18.9	227	0.159	0.010	0.500	**0.510**	1.010	0.669	1.520	0.172	0.304	71.8	13.8	242	8	AG LAB
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	23986	0	4	08/21/01	12:30 PM	3.55	29	48	7.7	313.1	30.6	111	0.237	0.010	0.650	**0.660**	0.943	0.897	1.603	0.007	0.218	18.9	10.8	117	22	AG LAB
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	24272	1	4	09/26/01	11:45 AM	6.30	19	71	7.86	499.1	15.5	165	0.213	0.010	0.880	**0.890**	0.641	1.103	1.531	0.064	0.137	28.7	16.7	198	10	AG LAB
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	24426	1	4	10/31/01	12:45 PM	8.46	16	90	7.72	990	6.84	335	0.100	0.010	0.470	**0.480**	0.491	0.580	0.971	0.040	0.092	77.4	22.3	369	10	AG LAB
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	24577	1	4	12/11/01	11:45 AM	2.25	6	19	6.86	985	9.22	322	0.093	0.010	0.010	**0.020**	0.962	0.113	0.982	0.114	0.226	104.6	15.1	309	13	AG LAB
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	24732	1	4	01/15/02	1:15 PM	9.80	6	82	5.83	746	6.31	264	0.028	0.530	0.450	**0.980**	0.505	1.008	1.485	0.013	0.068	65.0	14.3	306	10	AG LAB
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	24849	7	5	02/19/02	3:10 PM	10.13	13	101	8.14	723	15.7	332	0.049	0.010	0.670	**0.680**	0.427	0.729	1.107	0.019	0.078	98.6	23.3	362	17	AG LAB
90	Crutcho Creek	OK520520-00-0070B	Oklahoma	COTP	25002	11	5	03/25/02	2:00 PM	9.24	8	82	7.85	394	103	133	0.016	0.010	1.210	**1.220**	1.076	1.236	2.296	0.081	0.153	27.2	13.6	130	68	AG LAB
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	18581	8	4	05/15/00	11:10 AM	7.83	18	86	8.03	1058	44.2	209	0.006	0.009	0.700	**0.709**	0.740	0.715	1.449	0.105	0.161	55.0	182.0	430	30	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	18943	3	5	07/24/00	12:15 PM	7.43	24	92		657	109	165	0.050			0.800	0.500	0.850	1.300	0.253	0.327	21.1	112.0	240	254	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	21322	0	2	08/28/00	1:45 PM	6.24	26	80		1470	28.9	318	0.060			0.060	0.510	0.120	0.570	0.240	0.299	19.2	269.0	533	14	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	21666	0	2	10/02/00	3:00 PM	5.55	19	62	8.02	1642	19.9	443	0.050			0.060	0.570	0.110	0.630	0.298	0.396	94.3	198.0	589	14	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	21930	7		11/07/00	9:30 AM	8.80	10	81	8.18	604	33.7	188	0.050			0.560	0.360	0.610	0.920	0.146	0.256	30.8	2813.0	429	30	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	22075	6	4	12/12/00	8:45 AM	14.96	0	106	8.16	576	9.04	256	0.050			0.760	0.370	0.810	1.130	0.046	0.084	48.3	232.0	548	8	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	22186	14	3	01/23/01	8:45 AM	12.40	3	96	8.35	1146	23.1	241	0.050			1.050	0.590	1.100	1.640	0.024	0.184	55.0	198.0	400	10	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	22546		6	02/26/01	1:15 PM	11.04	8	97	8.34	672	162	193	0.100			1.260	0.980	1.360	2.240	0.206	0.305	5.0	134.0	265	204	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	22803	19	4	04/03/01	8:00 AM	8.20	17	88	8.2	740	26.6	196	0.050			0.060		0.110		0.040	0.129	57.0	182.0	375	40	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	22928	9	5	05/08/01	9:15 AM	6.73	17	72	8.05	1169	40.8	233	0.080			0.740		0.820		0.146	0.213	71.1	250.0	440	58	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	23056	5	4	06/12/01	9:00 AM	5.30	25	67	7.76	1128	24.2	224	0.050			0.400		0.450		0.137	0.257	62.2	274.0	406	21	DEQ
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	23218	1	4	07/17/01	8:30 AM	4.03	26	52	7.94	1511	21.6	299	0.065	0.010	0.440	**0.450**	0.560	0.515	1.010	0.204	0.237	76.3	360.0	509	7	AG LAB
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	23983	0	4	08/21/01	8:30 AM	2.88	25	36	7.32	1233	27.1	35	0.336	0.010	0.570	**0.580**	0.737	0.916	1.317	0.286	0.345	66.1	248.4	437	29	AG LAB
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	24292		7	09/25/01	12:00 PM	6.38	19	71	7.65	732	244	172	0.168	0.010	2.450	**2.460**	1.073	2.628	3.533	0.649	0.700	53.5	118.1	247	230	AG LAB
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	24411	3	4	10/31/01	9:30 AM	6.10	13	60	7.4	127.1	6.2	204	0.113	0.010	0.680	**0.690**	0.513	0.803	1.203	0.076	0.132	62.3	332.9	512	10	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	24574	4	4	12/11/01	8:15 AM	11.33	4	90	7.24	1236	3.83	280	0.046	0.010	1.020	**1.030**	0.419	1.076	1.449	0.082	0.092	57.4	318.6	500	10	AG LAB
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	24729	4	4	01/15/02	8:15 AM	12.12	3	94	7.44	1294	5.68	266	0.040	0.010	1.050	**1.060**	0.407	1.100	1.467	0.044	0.073	61.9	333.4	524	10	AG LAB
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	24846	9	5	02/19/02	8:20 AM	8.85	10	81	7.67	1317	18.7	256	0.101	0.010	0.880	**0.890**	0.645	0.991	1.535	0.050	0.081	64.5	316.9	574	16	AG LAB
104	Cottonwood Creek	OK620910-04-0010G	Logan	COTP	24999	6	4	03/25/02	8:45 AM	7.71	9	69	8.03	1240	27.6	207	0.152	0.010	0.590	**0.600**	0.595	0.752	1.195	0.058	0.076	63.2	301.7	494	33	AG LAB
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	18582	5	5	05/15/00	8:30 AM	6.01	20	69	7.76	921	42	166	0.041	0.039	7.070	**7.109**	1.020	7.150	8.129	0.889	1.030	105.0	92.0	300	26	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	19217	24	5	06/19/00	8:00 AM	7.19	21	84	7.43		80.5	93	0.133	0.027	2.850	**2.877**	0.830	3.010	3.707	0.707	1.080	45.0	58.5	165	48	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	18939	9	5	07/24/00	11:00 AM	6.26	25	79		411	111	97	0.050			1.200	0.810	1.250	2.010	0.973	1.023	28.3	36.0	101	80	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	21324	3	4	08/28/00	12:20 PM	6.77	29	92		1030	16.3	145	0.090			6.810	0.910	6.900	7.720	3.290	4.950	144.0	126.0	240	16	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	21664	3	4	10/02/00	11:30 AM	7.22	21	84	7.78	1147	12.5	122	0.050			9.910	1.050	9.960	10.960	1.010	1.290	166.0	102.0	233	10	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	21932	24	6	11/07/00	12:00 PM	8.60	13	85	7.84	275.4	195	69	0.120			2.110	0.870	2.230	2.980	0.618	0.818	30.2	58.3	114	140	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	22077	5	4	12/12/00	10:45 AM	10.90	5	89	8.41	587	8.77	199	0.050			10.880	1.390	10.930	12.270	1.580	1.939	118.0	103.0	275	5	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	22188	11	3	01/23/01	11:45 AM	10.64	8	93	8.06	1264	11.3	204	0.060			9.110	1.130	9.170	10.240	1.282	1.516	150.0	127.0	317	2	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	22548	29	6	02/26/01	4:30 PM	10.40	12	100	7.9	357.4	57.6	170	0.290			4.600	1.720	4.890	6.320	0.596	0.679	75.8	83.7	227	68	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	22805	10	4	04/03/01	10:00 AM	10.25	17	110	8.04	1194	11.2	175	0.050			9.350		9.400		1.590	1.820	158.0	127.0	321	8	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	22930	11	5	05/08/01	11:30 AM	6.08	20	70	7.71	3156	18.8	146	0.340			4.210		4.550		0.932	1.070	1080.0	65.8	556	22	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	23058	6	4	06/12/01	11:15 AM	7.40	28	98	7.98	1110	14.7	162	0.050			9.370		9.420		2.680	2.940	155.0	127.0	270	13	DEQ
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	23220	6	4	07/17/01	10:45 AM	9.06	28	120	8.27	1165	17.4	137	0.045	0.010	9.200	**9.210**	1.290	9.255	10.500	1.408	1.604	165.2	101.6	230	16	AG LAB
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	23985	4	4	08/21/01	10:30 AM	3.81	28	51	7.41	9.67	26.7	85	0.139	0.010	3.990	**4.000**	1.050	4.139	5.050	0.114	1.588	188.2	61.0	164	23	AG LAB
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	24291	7	3	09/25/01	10:00 AM	5.41	20	62	7.43	904	15.1	162	0.146	0.010	7.910	**7.920**	0.985	8.066	8.905	1.685	2.231	143.8	90.3	251	25	AG LAB
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	24413	5	4	10/31/01	11:00 AM	7.87	17	85	7.26	1023	9.4	108	0.256	0.010	13.700	**13.710**	1.247	13.966	14.957	2.823	2.934	129.4	114.9	256	10	AG LAB
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	24576	5	4	12/11/01	10:00 AM	9.35	9	84	7.36	1030	7.48	105	0.206	0.010	16.660	**16.670**	1.315	16.876	17.985	2.180	2.313	130.7	110.0	257	12	AG LAB
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	24731	6	4	01/15/02	10:15 AM	9.62	8	84	6.81	1052	8.82	127	0.466	0.010	17.040	**17.050**	1.663	17.516	18.713	3.454	3.378	123.7	107.9	279	10	AG LAB
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	24848	42	5	02/19/02	12:05 PM	13.61	14	137	7.88	828	17.9	149	0.204	0.010	12.600	**12.610**	1.313	12.814	13.923	2.000	1.827	130.5	93.4	283	25	AG LAB
104	Chisolm Creek	OK620910-04-0100G	Logan	COTP	25001	11	4	03/25/02	12:30 PM	8.27	12	80	7.7	992	15.1	152	0.227	0.010	5.900	**5.910**	1.214	6.137	7.124	1.831	1.844	109.7	101.2	234	20	AG LAB
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	18587	26	6	05/22/00	3:30 PM	8.68	25	112	8.06	3352	21.8	185	0.050	0.008	0.200	**0.208**	0.630	0.258	0.838	0.007	0.094	51.0	1960.0	2090	72	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	18754	49	5	06/26/00	3:30 PM	7.73	24	98	7.85	2782	58.4	137	0.055	0.011	0.280	**0.291**	0.760	0.346	1.051	0.025	0.216	40.0	1575.0	1580	120	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	19108		4	07/31/00	2:00 PM	10.69	26	141	8.13	2601	8.52	157	0.050			0.050	0.450	0.100	0.500	0.005	0.037	49.3	1290.0	2523	8	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	21646	0	3	09/05/00	2:00 PM	8.06	28	110	8.2	2166	25.3	149	0.060			0.100	0.590	0.160	0.690	0.037	0.093	42.2	6.7	2721	42	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	21754	0	3	10/09/00	4:00 PM	10.77	9	99	8.15	3.6	3.44	204	0.080			0.270	0.280	0.350	0.550	0.005	0.020	49.9	1211.0	3787	10	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	21959	7	5	11/13/00	2:45 PM	9.89	5	83	8.14	3.33	13	228	0.070			0.380	0.540	0.450	0.920	0.023	0.074	54.5	1603.0	3075	20	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	22141	12	5	12/18/00	5:10 PM	14.21	0	104	8.02	3.2	37.7	211	0.050			0.440	0.380	0.490	0.820	0.006	0.048	40.4	2513.0	2925	30	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	22411	25	5	01/30/01	8:00 AM	12.82	2	99	8.34	3.65	22.9	221	0.050			0.420	0.670	0.470	1.090	0.021	0.064	51.6	1572.0	2212	38	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	22632	22	5	03/05/01	4:30 PM	10.85	10	103	8.28	3108	58.7	214	0.070			0.320	0.910	0.390	1.230	0.048	0.134	48.0	1695.0	2102	118	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	22817	20	4	04/09/01	4:30 PM	9.00	21	108	8.11	3218	29.9	157	0.050			0.180		0.230		0.014	0.094	41.4	1835.0	2260	90	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	22963	64	5	05/15/01	7:30 AM	7.04	22	86	7.97	2420	181	143	0.130			0.300		0.430		0.098	0.390	30.3	1376.0	1572	209	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	23094	34	5	06/19/01	7:30 AM	7.33	24	93	7.58	2226	68.8	165	0.050			0.260		0.310		0.034	0.162	30.5	1429.0	1317	146	DEQ
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	23310	8	4	07/24/01	7:30 AM	5.14	26	68	7.66	3074	7.38	192	0.038	0.010	0.520	**0.530**	0.710	0.568	1.240	0.032	0.318	50.2	1909.0	2140	18	AG LAB
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	24014	4	3	08/27/01	3:00 PM	10.63	27	143	8.09	3390	16	127	0.206	0.010	0.620	**0.630**	0.697	0.836	1.327	0.047	0.041	56.2	2605.5	2787	22	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	24328	3	3	10/02/01	9:30 AM		15	0	7.97	3439	4.83	193	0.086	0.010	0.620	**0.630**	0.478	0.716	1.108	0.005	0.005	87.5	2146.5	2504	12	AG LAB
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	24459	3	4	11/05/01	4:10 PM	12.15	17	134	7.43	3114	16.5	144	0.194	0.010	0.460	**0.470**	0.729	0.664	1.199	0.008	0.042	49.6	2149.5	2609	10	AG LAB
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	24612	4	5	12/17/01	4:15 PM	12.77	6	109	7.53	2327	11.9	202	0.212	0.010	0.840	**0.850**	0.380	1.062	1.230	0.014	0.041	44.3	1975.0	2426	11	AG LAB
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	24775	7	4	01/22/02	3:45 PM	14.67	6	126	8.32	3429	8.03	179	0.135	0.010	0.680	**0.690**	0.524	0.825	1.214	0.005	0.005	46.6	1955.0	2490	28	AG LAB
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	24885	10	4	02/26/02	7:30 AM	14.01	0	102	8.14	3314	6.9	160	0.111	0.010	0.520	**0.530**	0.472	0.641	1.002	0.008	0.017	48.6	1975.0	2528	10	AG LAB
104	Quartermaster Creek	OK310840-01-0060G	Custer	SWT	25024	6	4	04/01/02	2:45 PM	9.80	18	111	7.88	2955	14.8	168	0.151	0.010	0.540	**0.550**	0.603	0.701	1.153	0.005	0.048	46.7	2012.0	2122	16	AG LAB
90	Fish Creek	OK311800-00-0130G	Greer	SWT	18574	1	4	05/23/00	7:30 AM	4.64	22	57	7.19	7150	23.4	105	0.050	0.006	0.010	**0.016**	0.350	0.066	0.366	0.004	0.042	1150.0	2470.0	2400	40	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	18789	4	5	06/26/00	7:30 AM	5.36	23	67	7.55	4876	62.3	210	0.010	0.004	0.010	**0.014**	0.540	0.024	0.554	0.005	0.105	540.0	2011.0	2050	57	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	18973	0	4	08/01/00	6:30 AM	3.93	23	49	7.54	7820	10.7	99	0.050			0.050	0.180	0.100	0.230	0.006	0.014	2777.0	1588.0	3269	8	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	21351	0	2	09/06/00	8:00 AM	4.86	28	66	7.25	39450	4.24	130	0.050			0.070	1.030	0.120	1.100	0.012	0.054	27860.0	23.1	12315	190	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	21770	0	2	10/10/00	11:15 AM	10.75	11	104	8.18	6.47	26.4	61	0.050			0.050	0.690	0.100	0.740	0.005	0.007	12230.0	5118.0	7436	36	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	21970	0	4	11/14/00	12:30 PM	10.05	7	88	7.88	7.82	7.64	162	0.050			0.050	0.460	0.100	0.510	0.007	0.018	1446.0	1722.0	3051	16	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	22145	1	3	12/19/00	11:45 AM	13.18	2	102	7.98	5.8	11.2	224	0.050			0.460	0.210	0.510	0.670	0.005	0.016	619.0	2819.0	2863	7	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	22415	1	4	01/30/01	2:45 PM	14.51	6	125	8.34	6.54	8.4	172	0.050			0.530	0.380	0.580	0.910	0.012	0.029	1015.0	1616.0	2234	24	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	22654	2	4	03/06/01	12:30 PM	12.72	11	123	8.18	5.3	30.8	167	0.060			0.270	0.460	0.330	0.730	0.021	0.044	848.0	1742.0	2166	40	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	22819	1	4	04/10/01	10:00 AM	4.18	19	48	7.67	6.27	135	163	0.050			0.050		0.100		0.041	0.152	1183.0	2027.0	2446	140	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	22946	5	5	05/14/01	3:00 PM	7.83	27	105	8.16	4266	172	135	0.050			0.060		0.110		0.059	0.098	862.0	1645.0	1928	103	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	23091	1	4	06/18/01	2:30 PM	9.43	31	136	7.31	9.66	25	118	0.050			0.050		0.100		0.020	0.030	1480.0	2572.0	2269	24	DEQ
90	Fish Creek	OK311800-00-0130G	Greer	SWT	23307	0	3	07/23/01	3:00 PM	0.79	29	11	7.18	29440	6.44	79	0.015	0.010	1.740	**1.750**	1.070	1.765	2.820	0.020	0.659	9520.0	2964.0	3822	14	AG LAB
90	Fish Creek	OK311800-00-0130G	Greer	SWT	24017	0	2	08/28/01	11:15 AM	1.51	25	20	7	54100	20.8	46	0.386	0.010	0.010	**0.020**	1.435	0.406	1.455	0.064	0.073	13715.0	3410.0	6288	12	AG LAB
90	Fish Creek	OK311800-00-0130G	Greer	SWT	24463	0	2	11/06/01	11:30 AM	3.71	19	43	6.88	41860	110	84	2.250	0.010	0.010	**0.020**	3.908	2.270	3.928	0.033	0.100	17145.0	4000.0	5023	112	AG LAB
90	Fish Creek	OK311800-00-0130G	Greer	SWT	24615	0	3	12/18/01	11:10 AM	1.98	7	17	8.93	22760	60.5	224	0.914	0.010	1.100	**1.110**	1.508	2.024	2.618	0.007	0.075	9808.0	2690.0	3811	261	AG LAB
90	Fish Creek	OK311800-00-0130G	Greer	SWT	24778	0	3	01/23/02	10:30 AM	10.72	7	94	7.65	15570	24.9	213	0.133	0.010	0.010	**0.020**	0.592	0.153	0.612	0.005	0.013	3698.0	2344.0	3657	18	AG LAB
90	Fish Creek	OK311800-00-0130G	Greer	SWT	24882	0	4	02/25/02	2:30 PM	10.30	12	102	7.81	13520	45.8	145	0.210	0.010	0.010	**0.020**	0.719	0.230	0.739	0.032	0.047	3618.0	2356.0	3393	43	AG LAB
90	Fish Creek	OK311800-00-0130G	Greer	SWT	25028	0	4	04/02/02	11:40 AM	8.81	14	91	8.08	54100	58	151	0.231	0.010	0.010	**0.020**	0.615	0.251	0.635	0.035	0.044	4840.0	2516.0	3337	47	AG LAB
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	18575	3	4	05/23/00	9:00 AM	5.81	23	73	7.71	10270	20.1	113	0.050	0.005	0.021	**0.026**	0.410	0.076	0.436	0.003	0.042	2450.0	2120.0	2600	41	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	18790	7	5	06/27/00	9:00 AM	6.10	24	78	7.33	7170	59.7	152	0.012	0.004	0.010	**0.014**	0.430	0.026	0.444	0.005	0.103	1350.0	1876.0	2110	55	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	18974	2	4	08/01/00	7:30 AM	5.45	24	69	7.68	9060	9.49	79	0.050			0.050	0.340	0.100	0.390	0.007	0.013	2383.0	1651.0	3181	14	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	21350	0	3	09/06/00	9:00 AM	4.63	24	59	7.57	11570	2.29	86	0.050			0.050	0.410	0.100	0.460	0.005	0.021	3795.0	9.9	4194	2	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	21769	0	3	10/10/00	9:45 AM	10.90	9	101	8	14.9	2.12	69	0.050			0.050	0.280	0.100	0.330	0.006	0.013	3070.0	1471.0	5283	5	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	21969	7	5	11/14/00	11:00 AM	10.03	5	84	7.9	8.29	17.1	70	0.050			0.670	0.220	0.720	0.890	0.009	0.017	1928.0	1519.0	2904	34	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	22144	6	3	12/19/00	10:45 AM	11.69	1	88	7.91	7.9	25.1		0.050			1.060	0.260	1.110	1.320	0.005	0.030	1490.0	1012.0	2692	27	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	22414	14	5	01/30/01	1:00 PM	9.53	4	78	8.21	7.08	38.8	169	0.050			0.850	0.430	0.900	1.280	0.032	0.057	1303.0	1328.0	1986	46	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	22653	18	4	03/06/01	10:45 AM	11.15	11	108	8.13	6.74	44.8	165	0.050			0.500	0.270	0.550	0.770	0.032	0.048	1541.0	1638.0	2229	56	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	22818	9	4	04/10/01	8:00 AM	7.01	20	83	7.82	6.91	29.7	119	0.050			0.230		0.280		0.015	0.035	1561.0	1780.0	2319	54	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	22947	18	5	05/14/01	4:30 PM	9.17	26	121	8.13	4.98	71.7	105	0.050			0.120		0.170		0.093	0.260	78.8	144.0	405	112	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	23092	4	4	06/18/01	3:15 PM	9.38	30	133	7.66	7.57	14.4	86	0.050			0.050		0.100		0.013	0.019	1955.0	2214.0	2134	22	DEQ
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	23308	0	4	07/23/01	3:45 PM	11.47	34	174	8.28	9950	4.04	52	0.015	0.010	0.840	**0.850**	0.660	0.865	1.510	0.016	0.108	2296.0	2249.0	2786	6	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	24016	0	3	08/28/01	10:30 AM	7.50	25	97	7.88	10170	3.97	42	0.144	0.010	0.820	**0.830**	0.422	0.974	1.252	0.010	0.083	2479.0	1992.0	2880	2	AG LAB
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	24331	0	3	10/02/01	3:15 PM		21		8.28	9	13.4	77	0.075	1.000	0.010	**1.010**	0.388	1.085	1.398	0.005	0.005	2196.5	2178.5	2764	13	AG LAB
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	24461	1	4	11/06/01	10:10 AM	8.91	16	97	7.21	7.11	9.67	47	0.085	0.010	0.010	**0.020**	0.391	0.105	0.411	0.005	0.012	1968.5	1845.0	2478	10	AG LAB
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	24614	1	4	12/18/01	10:00 AM	12.59	4	103	7.46	4388	6.25	125	0.110	0.010	1.300	**1.310**	0.285	1.420	1.595	0.008	0.017	1407.0	1780.0	2518	10	AG LAB
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	24777	1	4	01/23/02	9:45 AM	12.39	4	101	8.07	7790	10.4	148	0.036	0.010	1.420	**1.430**	0.310	1.466	1.740	0.005	0.005	1476.0	1653.0	2605	10	AG LAB
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	24883	3	4	02/25/02	3:15 PM	13.27	10	126	8.1	8100	8.05	107	0.244	0.010	0.850	**0.860**	0.393	1.104	1.253	0.010	0.012	1971.5	2053.5	2673	10	AG LAB
90	North Elm Creek	OK311800-00-0170G	Beckham	SWT	25027	2	4	04/02/02	10:40 AM	9.79	14	102	8.24	9320	8.07	90	0.074	0.010	0.010	**0.020**	0.351	0.094	0.371	0.007	0.012	2172.0	1807.0	2462	10	AG LAB
104	Canadian River	OK520620-03-0010G	Dewey	SWT	18620	64	4	05/22/00	12:00 PM	7.76	27	104	8.08	2970		159	0.050	0.009	0.130	**0.139**	0.250	0.189	0.389	0.005	0.035	415.0	554.0	830	22	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	18758	459	6	06/26/00	12:45 PM	8.28	24	105	7.13	1940	66.2	183	0.041	0.004	0.054	**0.058**	0.740	0.099	0.798	0.006	0.187	240.0	415.0	585	119	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	19173	11	4	07/31/00	1:45 PM	7.37	33	109	8.33	2.9	3.89	153	0.050			0.050	0.440	0.100	0.490	0.005	0.008	999.0	457.0	731	6	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	21650	0	2	09/05/00	12:15 PM	7.83	30	110	7.76	3.26	4.75	49	0.050			0.050	0.470	0.100	0.520	0.008	0.029	112.0	1615.0	2822	8	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	21745	0	3	10/09/00	11:45 AM	10.57	15	111	7.92	3463	6.45	198	0.050			0.090	0.230	0.140	0.320	0.005	0.017	139.0	1070.0	3072	8	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	21980	110	6	11/14/00	11:15 AM	12.01	3	95	8.55	1548	7.53	246	0.050			0.420	0.380	0.470	0.800	0.013	0.062	421.0	326.0	916	30	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	22096	153	6	12/19/00	11:00 AM	13.48	0	98	8.48	1250	15.7	229	0.050			0.490	0.280	0.540	0.770	0.005	0.052	295.0	217.0	490	49	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	22407	424	6	01/30/01	11:45 AM	12.60	5	105	8.37	2299	47.2	233	0.050			0.310	0.500	0.360	0.810	0.023	0.028	301.0	424.0	699	68	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	22648	337	5	03/06/01	10:30 AM	10.51	10	99	8.4	1694	25.7	256	0.050			0.160	0.320	0.210	0.480	0.024	0.092	271.0	351.0	619	36	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	22862	236	6	04/10/01	10:30 AM	8.36	19	96	8.32	2412	26.3	208	0.050			0.050		0.100		0.010	0.065	379.0	344.0	659	58	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	22952	170	5	05/14/01	12:25 PM	6.60	27	88	8.14	1582	26.5		0.310			0.100		0.410		0.061	0.172	221.0	215.0	521	37	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	23082	62	4	06/19/01	10:10 AM	7.23	24	91	8.11	2755	9.59	172	0.050			0.050		0.100		0.010	0.021	448.0	853.0	751	18	DEQ
104	Canadian River	OK520620-03-0010G	Dewey	SWT	23287	1	3	07/24/01	8:45 AM	7.50	25	97	7.83	3364	4.25	235	0.058	0.010	0.470	**0.480**	0.460	0.538	0.940	0.013	0.005	175.0	1762.5	1919	8	AG LAB
104	Canadian River	OK520620-03-0010G	Dewey	SWT	24005	0	3	08/28/01	11:00 AM	8.98	29	124	7.85	2983	6.83	190	0.225	0.010	0.490	**0.500**	0.475	0.725	0.975	0.018	0.033	124.5	1637.5	1838	12	AG LAB
104	Canadian River	OK520620-03-0010G	Dewey	SWT	24321	2	3	10/02/01	1:00 PM	10.48	22	128	7.91	3247	3.62	212	0.278	0.010	0.010	**0.020**	0.291	0.298	0.311	0.005	0.005	164.5	1711.8	1924	10	AG LAB
104	Canadian River	OK520620-03-0010G	Dewey	SWT	24449	1	3	11/06/01	10:10 AM	9.96	16	107	7.89	3633	3.22	200	0.165	0.010	0.490	**0.500**	0.381	0.665	0.881	0.005	0.009	150.4	1803.5	2114	10	AG LAB
104	Canadian River	OK520620-03-0010G	Dewey	SWT	24605	50	4	12/18/01	12:45 PM	11.87	7	104	8.42	2413	8.13	213	0.110	0.010	0.620	**0.630**	0.261	0.740	0.891	0.029	0.029	354.6	393.1	605	10	AG LAB
104	Canadian River	OK520620-03-0010G	Dewey	SWT	24749	66	4	01/22/02	10:35 AM	12.96	3	102	8.38	2471	8.8	228	0.038	0.010	0.510	**0.520**	0.290	0.558	0.810	0.011	0.030	371.9	399.5	658	10	AG LAB
104	Canadian River	OK520620-03-0010G	Dewey	SWT	24910		5	02/26/02	11:30 AM	13.16	1	98	8.28	2815	11.3	231	0.015	0.010	0.480	**0.490**	0.291	0.505	0.781	0.017	0.024	475.3	470.9	736	10	AG LAB
104	Canadian River	OK520620-03-0010G	Dewey	SWT	25040	78	5	04/02/02	11:00 AM	10.46	10	99	8.34	2621	7.78	180	0.025	0.010	0.010	**0.020**	0.220	0.045	0.240	0.005	0.017	424.0	399.0	617	12	AG LAB
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	18619	2	4	05/22/00	11:00 AM	8.81	19	101	8.03	3230	11.3	245	0.270	0.034	0.480	**0.514**	0.440	0.784	0.954	0.016	0.061	50.0	1828.0	3800	36	DEQ
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	18757	3	5	06/26/00	11:00 AM	8.05	21	96	8.17	2840	76.5	223	0.052	0.014	0.470	**0.484**	0.590	0.536	1.074	0.026	0.171	40.0	1592.0	18	94	DEQ
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	19171	0	4	07/31/00	12:00 PM	8.39	24	106	8.2	3	13.7	224	0.050			0.380	0.660	0.430	1.040	0.005	0.007	50.9	1254.0	2452	14	DEQ
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	21982	1	3	11/14/00	1:30 PM	13.08	5	109	8.25	1961	3.58	257	0.050			0.420	0.290	0.470	0.710	0.013	0.026	45.2	1525.0	2833	12	DEQ
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	22098	1	4	12/19/00	1:15 PM	14.30	1	107	8.22	1721	7.44	253	0.050			0.420	0.440	0.470	0.860	0.005	0.032	31.6	1057.0	2817	24	DEQ
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	22409	2	4	01/30/01	2:15 PM	12.60	5	105	8.25	3087	12	265	0.050			0.270	0.310	0.320	0.580	0.017	0.062	36.6	1457.0	2116	78	DEQ
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	22650	2	5	03/06/01	1:00 PM	10.90	10	103	8.18	2396	18.9	281	0.050			0.290	0.420	0.340	0.710	0.023	0.041	40.6	1859.0	438	44	DEQ
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	22864	2	5	04/10/01	12:35 PM	9.26	19	106	8.12	3189	8.72	216	0.050			0.130		0.180		0.009	0.030	37.9	1772.0	2215	34	DEQ
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	22950	2	5	05/14/01	10:35 AM	7.20	20	85	7.96	2090	284	115	0.050			0.050		0.100		0.010	0.016	30.8	1241.0	1578	10	DEQ
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	23084	1	4	06/19/01	12:00 PM	6.32	23	79	8.08	3071	22.6	221	0.050			0.430		0.480		0.016	0.067	45.9	2032.0	1893	30	DEQ
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	23289	0	3	07/24/01	12:00 PM	8.23	29	114	7.94	3604	8.74	250	0.041	0.010	1.040	**1.050**	0.570	1.091	1.620	0.072	0.095	63.6	2190.0	2535	16	AG LAB

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	24007	0	3	08/28/01	1:00 PM	8.04	28	110	8.05	3095	11.8	200	0.254	0.010	0.900	**0.910**	0.685	1.164	1.595	0.099	0.083	68.3	1893.3	2180	27	AG LAB
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	24319	0	4	10/02/01	10:35 AM	10.00	14	103	7.64	2479	7.44	242	0.126	0.010	0.970	**0.980**	0.551	1.106	1.531	0.005	0.018	163.0	1911.0	2463	21	AG LAB
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	24451	0	5	11/06/01	12:30 PM	8.48	16	92	7.96	3429	18.1	271	0.185	0.010	0.700	**0.710**	0.864	0.895	1.574	0.021	0.049	47.3	1923.5	2378	12	AG LAB
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	24603	0	4	12/18/01	11:00 AM	12.29	3	97	8.12	3286	4.77	205	0.107	0.010	0.800	**0.810**	0.457	0.917	1.267	0.022	0.024	41.7	1709.9	2202	10	AG LAB
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	24747	1	4	01/22/02	9:00 AM	14.13	1	106	8.13	3361	6	214	0.084	0.010	0.710	**0.720**	0.297	0.804	1.017	0.014	0.021	43.0	1725.0	2208	10	AG LAB
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	24908		4	02/26/02	9:10 AM	13.68	0	100	8.03	3650	6.18	246	0.100	0.010	0.770	**0.780**	0.397	0.880	1.177	0.027	0.030	92.0	2122.0	2555	10	AG LAB
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	SWT	25038	1	5	04/02/02	9:30 AM	11.33	11	110	8.19	3427	9.28	205	0.334	0.010	0.620	**0.630**	1.139	0.964	1.769	0.021	0.022	43.2	1896.0	2115	10	AG LAB
104	Red Creek	OK520620-03-0110G	Dewey	SWT	18618	1	4	05/22/00	10:10 AM	8.73	19	101	7.95	2730	2.69	187	0.050	0.008	0.090	**0.098**	0.200	0.148	0.298	0.006	0.031	45.0	1465.0	1700	12	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	18756	3	5	06/26/00	10:00 AM	7.53	22	93	8.06	2160	10.7	190	0.035	0.005	0.079	**0.084**	0.350	0.119	0.434	0.010	0.064	37.5	1030.0	1225	10	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	19172	0	4	07/31/00	1:00 PM	11.68	24	149	8.22	2.8	1.81	163	0.050			0.050	0.350	0.100	0.400	0.005	0.018	27.5	1110.0	2083	2	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	21649	0	2	09/05/00	11:30 AM	4.97	24	63	7.51	3.83	6.51	92	0.250			0.050	1.080	0.300	1.130	0.021	0.110	44.8	18.4	3013	52	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	21744	0	2	10/09/00	10:50 AM	8.16	6	70	7.77	3977	21	256	0.050			0.050	1.090	0.100	1.140	0.024	0.107	65.1	2253.0	4552	30	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	21981	1	3	11/14/00	12:30 PM	11.82	6	102	8.23	1748	2.37	230	0.050			0.080	0.180	0.130	0.260	0.005	0.024	40.1	1269.0	2540	6	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	22097	1	4	12/19/00	12:00 PM	13.69	2	106	8.16	1631	3.53	231	0.050			0.150	0.110	0.200	0.260	0.009	0.044	32.8	985.0	2213	7	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	22408	2	5	01/30/01	1:00 PM	12.32	6	106	8.19	2599	9.04	222	0.050			0.100	0.150	0.150	0.250	0.014	0.040	32.5	1287.0	1656	14	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	22649	2	4	03/06/01	11:35 AM	11.16	9	104	8.12	1807	10.8	228	0.050			0.050	0.420	0.100	0.470	0.008	0.021	36.0	1329.0	1633	1	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	22863	1	4	04/10/01	11:40 AM	9.93	18	113	8.06	2704	3.35	190	0.050			0.050		0.100		0.006	0.012	32.5	1434.0	1800	11	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	22951	2	5	05/14/01	11:40 AM	8.21	22	101	8.02	2339	24.1	184	0.050			0.050		0.100		0.015	0.048	297.0	504.0	853	37	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	23083	2	4	06/19/01	11:10 AM	6.05	22	74	8.03	2620	2.15	199	0.050			0.050		0.100		0.007	0.015	32.3	1800.0	1555	22	DEQ
104	Red Creek	OK520620-03-0110G	Dewey	SWT	23288	0	3	07/24/01	10:30 AM	5.79	25	75	7.78	3009	4.09	160	0.015	0.010	0.450	**0.460**	0.350	0.475	0.810	0.036	0.005	22.7	1849.5	2078	5	AG LAB
104	Red Creek	OK520620-03-0110G	Dewey	SWT	24006	0	3	08/28/01	12:00 PM	9.09	23	114	8.09	2202	7.82	142	0.191	0.010	0.480	**0.490**	0.320	0.681	0.810	0.039	0.028	24.1	1219.5	1420	12	AG LAB
104	Red Creek	OK520620-03-0110G	Dewey	SWT	24320	0	4	10/02/01	11:30 AM	9.96	13	102	7.88	2367	2.19	177	0.036	0.010	0.450	**0.460**	0.207	0.496	0.667	0.005	0.005	38.4	1749.8	2023	10	AG LAB
104	Red Creek	OK520620-03-0110G	Dewey	SWT	24450	1	5	11/06/01	11:00 AM	9.43	13	96	7.92	3137	1.15	194	0.015	0.010	0.010	**0.020**	0.207	0.035	0.227	0.005	0.009	41.1	1712.5	2103	10	AG LAB
104	Red Creek	OK520620-03-0110G	Dewey	SWT	24604	1	4	12/18/01	11:45 AM	12.09	4	99	8.11	3029	2.47	215	0.110	0.010	0.530	**0.540**	0.252	0.650	0.792	0.010	0.013	38.1	1560.0	2042	10	AG LAB
104	Red Creek	OK520620-03-0110G	Dewey	SWT	24748	1	4	01/22/02	10:00 AM	11.71	3	93	8.05	2699	1.17	207	0.024	0.010	0.480	**0.490**	0.154	0.514	0.644	0.005	0.010	38.6	1564.0	2041	10	AG LAB
104	Red Creek	OK520620-03-0110G	Dewey	SWT	24909	1	5	02/26/02	10:05 AM	12.59	1	95	7.94	3143	2.26	206	0.015	0.010	0.480	**0.490**	0.145	0.505	0.635	0.005	0.005	40.2	1625.0	2173	10	AG LAB
104	Red Creek	OK520620-03-0110G	Dewey	SWT	25039	1	5	04/02/02	10:25 AM	10.58	11	103	8	3102	1.05	169	0.015	0.010	0.520	**0.530**	0.110	0.545	0.640	0.005	0.005	37.8	1744.5	1935	10	AG LAB
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	18625	7	4	05/23/00	12:20 PM	8.20	27	109	7.9	2730	60.2	166	0.030	0.010	0.280	**0.290**	0.420	0.320	0.710	0.005	0.088	50.0	1529.0	1690	70	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	18764	28	6	06/27/00	12:10 PM	7.67	23	95	7.8	2240	132	143	0.029	0.006	0.143	**0.149**	0.750	0.178	0.899	0.010	0.187	37.5	1132.0	1250	124	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	19092	12	5	07/24/00	4:45 PM	7.12	30	100	7.89	2599	34.1	174	0.050			0.160	0.320	0.210	0.480	0.044	0.063	26.7	962.0	1386	52	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	21631	1	3	08/28/00	4:40 PM	6.85	32	100		3460	2.89	168	0.050			0.120	0.100	0.170	0.220	0.012	0.044	41.8	1504.0	2516	10	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	21727	0	3	10/02/00	5:00 PM	10.54	27	140	7.82	3	5.58	128	0.050			0.120	0.180	0.170	0.300	0.012	0.024	55.7	987.0	2340	9	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	21964	9	4	11/13/00	2:15 PM	11.46	8	103	8.14	1720	8.52	178	0.050			0.270	0.220	0.320	0.490	0.008	0.027	40.2	1153.0	2271	17	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	22083	7	4	12/18/00	12:15 PM	13.44	4	109	8.06	1566	3.75	202	0.050			0.440	0.230	0.490	0.670	0.005	0.026	30.7	1177.0	1983	8	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	22401	13	5	01/29/01	12:15 PM	12.28	3	97	8.14	2300	37.1	191	0.050			0.350	0.200	0.400	0.550	0.024	0.046	43.3	1000.0	1392	38	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	22635	17	5	03/05/01	12:15 PM	10.67	9	98	8.12	1768	13.3	208	0.050			0.330	0.320	0.380	0.650	0.015	0.034	36.5	1292.0	1541	34	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	22836	17	4	04/09/01	2:10 PM	10.18	22	124	8.03	2262	11.1	190	0.050			0.090		0.140		0.006	0.024	34.2	1138.0	1455	22	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	22975	2	5	05/15/01	3:00 PM	8.64	27	115	7.95	2321	41.9	164	0.050			0.100		0.150		0.037	0.077	34.1	1314.0	1441	38	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	23076	9	4	06/18/01	12:30 PM	8.38	27	112	7.96	2666	9.27	164	0.050			0.150		0.200		0.008	0.024	38.6	1711.0	1538	16	DEQ
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	23321	1	3	07/24/01	9:00 AM	7.84	26	103	8.04	2907	6.65	124	0.015	0.010	0.590	**0.600**	0.250	0.615	0.850	0.005	0.187	26.8	1860.3	1779	14	AG LAB
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	23962	0	3	08/21/01	9:00 AM	9.76	22	119	8.2	2764	9	120	0.053	0.010	0.550	**0.560**	0.220	0.613	0.780	0.051	0.079	44.2	1971.5	1997	9	AG LAB
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	24302	2	4	09/25/01	8:00 AM	9.28	13	93	7.7	2185	14.9	103	0.015	0.010	0.530	**0.540**	0.176	0.555	0.716	0.014	0.016	42.9	1559.0	1876	13	AG LAB
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	24443	2	4	11/05/01	11:45 AM	10.58	18	119	7.99	2982	2.28	167	0.024	0.010	0.550	**0.560**	0.239	0.584	0.799	0.005	0.005	46.0	1578.5	1866	10	AG LAB
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	24565	2	4	12/11/01	8:00 AM	12.91	4	104	7.39	1207	4.55	142	0.046	0.010	0.710	**0.720**	0.273	0.766	0.993	0.021	0.039	47.3	1507.0	1766	37	AG LAB
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	24720	1	4	01/15/02	8:00 AM	14.37	1	107	8.17	1620	4.14	147	0.036	0.010	0.700	**0.710**	0.291	0.746	1.001	0.005	0.017	46.3	1437.0	1743	13	AG LAB
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	24864	2	5	02/20/02	8:30 AM	12.25	5	102	8.23	1886	40.9	161	0.072	0.010	0.660	**0.670**	0.295	0.742	0.965	0.026	0.031	47.3	1297.5	1745	52	AG LAB
104	Yellowstone Creek	OK621010-01-0270G	Woods	SWT	25016	3	4	03/25/02	3:30 PM	11.82	6	101	7.83	2034	13.5	116	0.060	0.010	0.610	**0.620**	0.241	0.680	0.861	0.005	0.025	45.0	1359.5	1568	10	AG LAB
104	Beaver River	OK720500-02-0010G	Harper	SWT	18608	114	4	05/16/00	12:00 PM	8.33	20	99	8.03	3470	13	196	0.010	0.002	0.106	**0.108**	0.490	0.118	0.598	0.005	0.042	700.0	364.0	620	20	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	18741	21	5	06/20/00	12:20 PM	8.06	27	110	8.1	2610	23.6	208	0.017	0.002	0.074	**0.076**	0.440	0.093	0.516	0.012	0.084	495.0	270.0	510	39	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	19118	7	4	07/25/00	11:00 AM	4.99	23	63	8.31	1733	12.4	207	0.050			0.050	0.090	0.100	0.140	0.022	0.039	282.0	144.0	534	26	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	21635	2	4	08/29/00	10:00 AM	8.24	23	104	8.06	1582	3.69	180	0.050			0.050	0.430	0.100	0.480	0.015	0.052	284.0	147.0	548	8	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	21677	2	3	10/03/00	11:30 AM	9.40	24	121	8.28	1140	2.91	189	0.050			0.050	0.120	0.100	0.170	0.013	0.069	242.0	96.4	425	11	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	21944	21	5	11/07/00	12:00 PM	10.58	7	94	8.34	980	20.8	226	0.050			0.490	0.310	0.540	0.800	0.040	0.079	256.0	119.0	594	32	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	22072	9	4	12/12/00	1:00 PM	10.95	3	88	8.19	1145	7.53	248	0.050			0.050	0.050	0.100	0.100	0.023	0.043	311.0	155.0	591	6	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	22387	76	5	01/23/01	12:00 PM	10.46	7	93	8.29	1074	10.7	214	0.050			0.280	0.330	0.330	0.610	0.019	0.030	296.0	141.0	419	1	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	22617	37	6	02/27/01	1:00 PM	11.01	4	91	8.32	1827	6.07	238	0.050			0.220	0.300	0.270	0.520	0.015	0.039	256.0	159.0	427	14	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	22825	45	6	04/03/01	11:45 AM	8.91	16	98	8.16	2441	12.7	214	0.050			0.050		0.100		0.010	0.041	476.0	238.0	490	28	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	22918	44	5	05/08/01	11:30 AM	10.03	19	117	8.19	2217	9.35	206	0.050			0.050		0.100		0.014	0.041	445.0	191.0	477	38	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	23040	18	5	06/12/01	11:00 AM	8.24	24	106	8.16	2079	31.4	205	0.050			0.110		0.160		0.017	0.052	427.0	201.0	449	54	DEQ
104	Beaver River	OK720500-02-0010G	Harper	SWT	23234	2	3	07/17/01	11:30 AM	7.86	26	105	7.78	1727	7.26	150	0.015	0.010	0.010	**0.020**	0.260	0.035	0.280	0.032	0.218	362.1	157.0	380	4	AG LAB
104	Beaver River	OK720500-02-0010G	Harper	SWT	23974	2	3	08/21/01	11:00 AM	8.58	26	115	8.19	1477	1.93	182	0.015	0.010	0.520	**0.530**	0.253	0.545	0.783	0.034	0.044	257.0	121.2	342	1	AG LAB
104	Beaver River	OK720500-02-0010G	Harper	SWT	24269	2	4	09/25/01	11:45 AM	9.79	21	119	8.25	1537	1.7	185	0.054	0.010	0.440	**0.450**	0.154	0.504	0.604	0.024	0.024	245.9	121.1	364	10	AG LAB
104	Beaver River	OK720500-02-0010G	Harper	SWT	24396	2	4	10/30/01	11:30 AM	12.17	19	142	8.37	1461	0.61	186	0.015	0.010	0.010	**0.020**	0.159	0.035	0.179	0.007	0.019	233.1	116.4	345	10	AG LAB
104	Beaver River	OK720500-02-0010G	Harper	SWT	24544	3	4	12/11/01	11:35 AM	10.28	11	101	8.32	1558	1.04	204	0.081	0.010	0.010	**0.020**	0.155	0.101	0.175	0.020	0.025	269.3	129.7	381	10	AG LAB
104	Beaver River	OK720500-02-0010G	Harper	SWT	24711	3	4	01/15/02	1:00 PM	10.63	10	102	8.28	1577	1.62	204	0.108	0.010	0.010	**0.020**	0.110	0.128	0.130	0.025	0.036	264.3	132.0	397	10	AG LAB
104	Beaver River	OK720500-02-0010G	Harper	SWT	24843	6	4	02/20/02	11:35 AM	13.36	12	134	8.48	1592	4.2	198	0.015	0.010	0.010	**0.020**	0.224	0.035	0.244	0.019	0.022	273.7	132.9	458	10	AG LAB
104	Beaver River	OK720500-02-0010G	Harper	SWT	24996	6	4	03/26/02	10:45 AM	12.05	11	118	8.39	1659	4.72	202	0.015	0.010	0.010	**0.020**	0.245	0.035	0.265	0.021	0.033	287.8	134.8	424	10	AG LAB
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	18605	6	4	05/16/00	9:00 AM	7.51	18	86	7.86	1042	11.9	205	0.010	0.012	0.540	**0.552**	0.490	0.562	1.042	0.021	0.064	130.0	69.0	320	20	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	18738	6	5	06/20/00	9:10 AM	7.19	21	88	7.95	1005	18.8	199	0.046	0.011	0.670	**0.681**	0.350	0.727	1.031	0.027	0.082	125.0	77.1	300	34	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	21700	4	5	07/25/00	8:30 AM	5.68	21	69	8.12	925	9.83	279	0.050			0.620	0.270	0.670	0.890	0.015	0.041	132.0	63.2	269	32	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	21633	1	3	08/29/00	8:30 AM	7.18	19	84	7.84	993	4.17	198	0.050			0.540	0.220	0.590	0.760	0.013	0.033	152.0	71.3	347	1	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	21675	2	3	10/03/00	9:00 AM	8.12	15	88	7.98	957	4.72	210	0.050			0.550	0.210	0.600	0.760	0.007	0.037	156.0	69.9	340	12	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	21942	12	4	11/07/00	9:00 AM	9.12	9	86	8.05	701	18.9	233	0.090			1.250	0.420	1.340	1.670	0.042	0.073	145.0	76.3	483	28	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	22069	8	4	12/12/00	9:30 AM	15.92	2	125	8.1	601	16.6	248	0.050			1.150	0.100	1.200	1.250	0.034	0.045	146.0	68.2	408	20	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	22384	8	5	01/23/01	8:30 AM	7.82	5	67	8.04	630	6.82	214	0.050			1.070	0.240	1.120	1.310	0.020	0.043	150.0	62.1	326	1	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	22614	10	5	02/27/01	8:30 AM	6.06	7	54	7.99	998	4.82	225	0.050			0.740	0.310	0.790	1.050	0.012	0.038	143.0	62.2	322	6	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	22822	10	4	04/03/01	8:10 AM	7.99	13	83	7.91	1014	14.8	213	0.050			0.780		0.830		0.014	0.041	145.0	63.6	311	18	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	22915	9	4	05/08/01	8:00 AM	8.27	15	89	7.86	1002	20.3	208	0.050			0.570		0.620		0.019	0.094	144.0	61.9	315	50	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	23037	7	4	06/12/01	7:45 AM	6.73	20	81	7.9	1002	33.5	219	0.050			0.920		0.970		0.060	0.115	140.0	71.0	311	50	DEQ
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	23230	1	4	07/17/01	9:00 AM	5.95	22	74	7.74	880	7.95	138	0.055	0.010	0.660	**0.670**	0.450	0.725	1.120	0.074	0.130	150.4	73.4	285	5	AG LAB
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	23971	2	3	08/21/01	7:45 AM	5.60	21	68	7.59	1032	3.75	186	0.015	0.010	0.900	**0.910**	0.477	0.925	1.387	0.046	0.048	147.6	73.9	284	1	AG LAB
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	24266	7	5	09/25/01	8:30 AM	6.62	16	73	7.78	811	99.5	183	0.424	0.010	1.050	**1.060**	1.070	1.484	2.130	0.159	0.198	82.9	54.2	253	88	AG LAB
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	24393	4	4	10/30/01	7:45 AM	7.34	14	78	7.8	1019	4.77	226	0.237	0.010	0.830	**0.840**	0.257	1.077	1.097	0.012	0.033	132.2	85.6	335	10	AG LAB
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	24541	5	4	12/11/01	8:00 AM	9.45	6	83	8	1074	3.28	228	0.015	0.010	1.030	**1.040**	0.187	1.055	1.227	0.007	0.031	119.2	79.4	332	10	AG LAB
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	24708	6	4	01/15/02	8:05 AM	10.05	4	84	8.03	1063	5.23	224	0.022	0.010	1.060	**1.070**	0.226	1.092	1.296	0.011	0.023	119.5	77.7	328	10	AG LAB
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	24840	6	4	02/20/02	8:30 AM	9.20	7	83	7.93	1081	5.73	222	0.015	0.010	0.900	**0.910**	0.328	0.925	1.238	0.005	0.021	122.2	76.6	393	10	AG LAB
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	SWT	24993	5	4	03/26/02	8:10 AM	12.37	4	103	8.12	1081	8.42	217	0.015	0.010	0.970	**0.980**	0.387	0.995	1.367	0.015	0.019	120.7	73.6	353	10	AG LAB
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	18628	1	4	05/15/00	8:00 PM	9.14	22	116	7.88	2750	1.25	269	0.010	0.001	0.096	**0.097**	0.470	0.107	0.567	0.007	0.040	495.0	253.0	530	3	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	18736	1	4	06/19/00	4:30 PM	15.35	27	213	8.12	2710	2.38	247	0.026	0.001	0.083	**0.084**	0.570	0.110	0.654	0.010	0.051	550.0	286.0	510	5	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	19078	0	2	07/24/00	3:30 PM	8.23	29	119	8.26	14.2	8.16	310	0.060			0.050	0.500	0.110	0.550	0.014	0.019	523.0	246.0	677	64	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	21623	0	2	08/28/00	3:00 PM	5.40	24	71	8.01	3470	21.5	228	0.090			0.050	1.440	0.140	1.490	0.063	0.256	1609.0	290.0	526	64	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	21673		4	10/02/00	5:30 PM	10.35	19	124	8.13	3048	4.37	285	0.050			0.050	0.570	0.100	0.620	0.007	0.060	770.0	303.0	551	12	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	21923	0	3	11/06/00	4:50 PM	8.41	10	82	8.41	2002	5.02	276	0.050			0.050	0.240	0.100	0.290	0.023	0.039	571.0	214.0	518	16	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	22055	1	4	12/11/00	5:00 PM	13.34	1	104	8.17	1468	2.23	262	0.050			0.050	0.050	0.100	0.100	0.011	0.028	504.0	207.0	797	2	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	22377	1	5	01/22/01	4:30 PM	13.61	4	115	8.23	1502	1.77	265	0.050			0.050	0.190	0.100	0.240	0.010	0.018	501.0	226.0	528	1	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	22541	1	4	02/26/01	3:30 PM	12.45	10	122	8.21	2489	8.24	263	0.050			0.050	0.290	0.100	0.340	0.012	0.029	475.0	210.0	498	1	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	22794	0	3	04/02/01	5:30 PM	8.50	21	106	8.08	2524	3.21	255	0.050			0.070		0.120		0.018	0.034	481.0	221.0	485	1	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	22908	0	2	05/07/01	4:50 PM	13.70	24	180	8.32	2623	3.14	245	0.050			0.050		0.100		0.012	0.074	409.0	200.0	491	9	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	23035	0	3	06/11/01	4:00 PM	8.40	29	121		2732	3.38	236	0.050			0.050		0.100		0.007	0.040	615.0	231.0	484	14	DEQ
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	23228	0	2	07/16/01	2:30 PM	9.69	33	150	6.03	3009	15.6	239	0.028	0.010	0.010	**0.020**	1.530	0.048	1.550	0.051	0.247	756.0	244.1	397	2	AG LAB
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	23969	0	2	08/20/01	3:30 PM	20.00	23	258	9	4591	490	266	2.889	0.010	0.610	**0.620**	18.590	3.509	19.210	1.972	2.024	1232.8	192.0	376	69	AG LAB
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	24391	0	2	10/29/01	2:30 PM	13.88	17	159	8.28	3740	4.24	270	0.229	0.010	0.010	**0.020**	1.078	0.249	1.098	0.005	0.050	718.0	407.8	713	10	AG LAB
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	24539	1	4	12/10/01	4:00 PM	11.86	4	100	8.09	3022	1.75	270	0.015	0.010	0.010	**0.020**	0.236	0.035	0.256	0.005	0.005	608.0	247.1	563	10	AG LAB
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	24706	1	4	01/14/02	3:30 PM	14.34	5	124	8.37	2733	2.84	255	0.051	0.010	0.010	**0.020**	0.307	0.071	0.327	0.009	0.026	525.5	223.6	557	10	AG LAB
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	24838	1	4	02/19/02	3:25 PM	10.58	9	101	8.16	2872	2.12	247	0.015	0.010	0.010	**0.020**	0.273	0.035	0.293	0.005	0.019	525.5	239.3	632	10	AG LAB
104	Palo Duro Creek	OK720500-02-0500G	Texas	SWT	24991	1	3	03/25/02	2:25 PM	11.55	4	98	8.24	2903	1.26	252	0.028	0.010	0.010	**0.020**	0.297	0.048	0.317	0.005	0.012	545.3	238.3	544	10	AG LAB
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	18610	2	4	05/16/00	2:00 PM	9.00	21	109	8.17	610	5.53	231	0.010	0.021	1.910	**1.931**	0.510	1.941	2.441	0.051	0.082	27.5	26.5	310	7	DEQ
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	18743	4	5	06/20/00	2:40 PM	6.95	28	96	8.08	640	35.4	239	0.062	0.031	2.200	**2.231**	0.840	2.293	3.071	0.112	0.241	30.0	28.9	270	69	DEQ
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	19121	1	4	07/25/00	2:45 PM	5.39	29	76	9.47	545	17.2	279	0.070			2.260	0.450	2.330	2.710	0.111	0.165	13.7	21.5	242	88	DEQ
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	21680	0	3	10/03/00	5:00 PM	5.84	25	77	7.98	392.5	1.14	142	0.050			0.770	0.310	0.820	1.080	0.005	0.115	11.9	19.2	160	5	DEQ
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	21947	6	4	11/07/00	4:00 PM	9.36	10	90	8.29	480	7.81	263	0.050			2.030	0.400	2.080	2.430	0.086	0.115	33.4	28.9	401	18	DEQ
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	22074	4	5	12/12/00	3:20 PM	11.95	2	94	8.38	380	12.4	244	0.050			2.570	0.450	2.620	3.020	0.067	0.097	26.9	23.2	296	19	DEQ
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	22389	5	5	01/23/01	2:15 PM	11.34	8	104	8.53	425.1	6.16	235	0.050			2.260	1.220	2.310	3.480	0.034	0.065	31.7	43.4	266	4	DEQ
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	22619	6	5	02/27/01	3:45 PM	10.27	5	87	8.25	685	10.4	254	0.050			2.070	0.640	2.120	2.710	0.053	0.106	31.7	26.7	274	24	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	22827	5	4	04/03/01	2:15 PM	12.94	20	154	8.54	585	4.37	204	0.050			1.680		1.730		0.007	0.037	29.8	38.8	223	10	DEQ
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	22920	6	5	05/08/01	2:00 PM	8.54	22	106	8.1	665	32.9	234	0.080			2.000		2.080		0.125	0.214	31.7	31.7	271	59	DEQ
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	23042	3	5	06/12/01	1:30 PM	7.07	27	96	8.23	607	26.6	230	0.050			2.720		2.770		0.110	0.326	24.4	27.4	262	38	DEQ
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	23237	0	3	07/17/01	3:00 PM	6.75	33	102	8.28	456.5	14	172	0.015	0.350	2.350	**2.700**	0.670	2.715	3.370	0.121	0.208	23.3	26.1	251	25	AG LAB
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	24271	2	5	09/25/01	2:00 PM	8.18	20	98	8.38	608	3.32	222	0.157	0.380	2.350	**2.730**	0.635	2.887	3.365	0.089	0.096	23.7	25.8	269	10	AG LAB
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	24398	1	4	10/30/01	2:30 PM	9.70	18	111	8.54	571	1.47	217	0.025	0.010	1.510	**1.520**	0.444	1.545	1.964	0.007	0.024	23.1	22.0	247	10	AG LAB
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	24546	2	4	12/11/01	2:10 PM	13.56	9	127	8.63	626	2.39	237	0.015	0.010	2.310	**2.320**	0.390	2.335	2.710	0.027	0.046	28.6	22.4	256	10	AG LAB
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	24713	3	4	01/15/02	3:10 PM	13.87	9	130	8.69	583	2.3	215	0.216	0.010	2.180	**2.190**	0.411	2.406	2.601	0.029	0.033	29.3	23.9	235	10	AG LAB
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	24845	3	5	02/20/02	1:45 PM	14.48	13	149	8.67	591	3.17	212	0.107	0.012	1.790	**1.802**	0.469	1.909	2.271	0.027	0.034	33.2	26.1	247	10	AG LAB
104	Buzzard Creek	OK720500-03-0080G	Ellis	SWT	24998	3	5	03/26/02	12:30 PM	12.34	11	121	8.6	605	7.99	215	0.042	0.150	2.370	**2.520**	0.505	2.562	3.025	0.061	0.077	27.4	22.5	243	16	AG LAB
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	18593	0	4	05/15/00	10:50 AM	8.82	19	112	8.35	3630	12.3	430	0.010	0.001	0.135	**0.136**	0.570	0.146	0.706	0.002	0.043	90.0	1770.0	850	13	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	18734	0	2	06/19/00	11:00 AM	8.06	23	110	8.72	4730	17.4	346	0.041	0.001	0.250	**0.251**	1.300	0.292	1.551	0.003	0.010	150.0	2252.0	980	17	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	19074	0	2	07/24/00	9:00 AM	3.15	22	42	8.57	1825	17.2	175	0.120			0.050	0.590	0.170	0.640	0.020	0.027	47.9	539.0	567	280	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	21618	0	2	08/28/00	9:30 AM	7.33	22	99	8.36	2.2	21.8	201	0.050			0.050	0.550	0.100	0.600	0.024	0.032	50.5	647.0	451	0	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	21670	0	2	10/02/00	11:45 AM	7.45	21	98	8.28	7.72	10.6	231	0.050			0.050	0.730	0.100	0.780	0.007	0.059	91.1	770.0	579	2	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	21919	1	4	11/06/00	8:30 AM	6.05	8	60	8.52	1131	19.5	293	0.050			0.050	0.440	0.100	0.490	0.013	0.019	50.7	410.0	715	26	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	22053	1	4	12/11/00	12:00 PM	11.36	2	96	8.51	1278	8.5	393	0.050			0.050	1.750	0.100	1.800	0.008	0.028	47.1	591.0	508	7	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	22375	2	4	01/22/01	11:45 AM	11.89	2	101	8.4	1197	12	404	0.050			0.120	0.420	0.170	0.540	0.018	0.039	46.2	626.0	713	6	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	22539	2	4	02/26/01	11:15 AM	9.72	8	96	8.42	2066	20.4	387	0.050			0.050	0.440	0.100	0.490	0.024	0.061	41.8	853.0	574	32	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	22790	2	4	04/02/01	9:30 AM	8.33	13	93	8.41	2153	34.7	388	0.050			0.060		0.110		0.016	0.075	44.2	769.0	593	40	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	22905	2	4	05/07/01	10:45 AM	8.35	15	97	8.43	2476	23.3	367	0.050			0.050		0.100		0.029	0.073	59.8	924.0	710	36	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	23032	1	4	06/11/01	10:30 AM	6.35	24	89	8.39	1114	43.2	196	0.050			0.050		0.100		0.024	0.094	18.6	515.0	286	39	DEQ
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	23225	4	5	07/16/01	8:50 AM	5.70	21	75	8.81	246.2	1000	79	0.043	0.010	0.290	**0.300**	1.750	0.343	2.050	0.555	0.975	3.6	34.4	90	460	AG LAB
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	23966	0	3	08/20/01	10:30 AM	6.30	24	88	8.76	654	60.4	124	0.218	0.010	0.520	**0.530**	1.099	0.748	1.629	0.139	0.172	13.9	168.9	172	29	AG LAB
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	24261	0	2	09/24/01	10:30 AM	6.96	15	81	8.22	592	22.1	164	0.341	0.010	0.010	**0.020**	1.453	0.361	1.473	0.008	0.118	322.1	9682.0	2236	20	AG LAB
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	24388	0	2	10/29/01	10:00 AM	7.75	10	81	8.13	10420	9.88	331	0.288	0.010	0.010	**0.020**	1.208	0.308	1.228	0.005	0.034	447.0	6638.0	3288	11	AG LAB
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	24536	0	2	12/10/01	10:05 AM	10.99	3	96	8.14	10030	7.31	514	0.300	0.010	0.010	**0.020**	1.465	0.320	1.485	0.005	0.046	381.8	5811.0	3128	10	AG LAB
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	24703	0	3	01/14/02	9:40 AM	10.74	2	91	8.3	5470	9.23	462	0.233	0.010	0.640	**0.650**	1.001	0.883	1.651	0.012	0.081	159.2	2325.0	1429	10	AG LAB
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	24835	0	3	02/19/02	10:20 AM	8.78	7	85	8.41	4348	5.29	409	0.203	0.010	0.010	**0.020**	0.862	0.223	0.882	0.009	0.033	185.5	2660.0	1619	10	AG LAB
104	Cimarron River, West	OK720900-00-0180G	Cimarron	SWT	24987	0	3	03/25/02	8:50 AM	8.47	5	78	8.35	6480	58.6	498	0.327	0.010	0.500	**0.510**	1.036	0.837	1.546	0.021	0.208	194.6	2843.0	1420	60	AG LAB
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	18627	0	4	05/15/00	5:30 PM	10.52	23	144	8.31	1353	5.56	289	0.110	0.001	0.084	**0.085**	0.430	0.195	0.515	0.001	0.030	65.0	550.0	560	8	DEQ
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	18733	0	2	06/19/00	10:10 AM	7.74	21	102	8.28	2080	15.6	330	0.031	0.001	0.067	**0.068**	0.490	0.099	0.558	0.007	0.058	73.0	492.0	615	18	DEQ
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	21619	0	2	08/28/00	10:00 AM	6.35	23	87	8.13	1.63	48.2	266	0.060			0.050	1.000	0.110	1.050	0.046	0.236	78.9	1478.0	558	0	DEQ
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	21671	0	2	10/02/00	12:45 PM	6.29	20	81	8.22	1380	14.5	345	0.050			0.050	0.710	0.100	0.760	0.010	0.134	88.0	306.0	631	52	DEQ
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	21920	0	2	11/06/00	10:00 AM	6.02	8	60	8.38	1100	4.69	302	0.050			0.050	0.310	0.100	0.360	0.006	0.008	75.2	329.0	573	24	DEQ
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	22052	0	2	12/11/00	11:00 AM	10.10	5	93	7.69	1016	5.21	194	0.140			0.050	1.290	0.190	1.340	0.020	0.096	76.2	473.0	542	26	DEQ
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	22374	0	2	01/22/01	11:00 AM	19.81	3	172	9.5	729	11.8	282	0.050			0.050	0.660	0.100	0.710	0.008	0.054	5.0	245.0	517	38	DEQ
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	22538	0	2	02/26/01	10:30 AM	8.79	7	85	8.22	1524	8.31	323	0.050			0.050	0.150	0.100	0.200	0.013	0.064	66.5	388.0	577	15	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	22791	0	2	04/02/01	10:10 AM	8.37	13	93	8.24	1557	13.5	309	0.050			0.060		0.110		0.011	0.053	69.1	404.0	569	20	DEQ
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	22904	0	2	05/07/01	9:45 AM	7.74	15	90	8.08	1512	15.5	283	0.050			0.050		0.100		0.024	0.075	68.6	419.0	570	31	DEQ
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	23033	0	2	06/11/01	11:20 AM	5.60	24	78	8.18	1403	24.5	307	0.050			0.050		0.100		0.010	0.073	53.0	355.0	527	30	DEQ
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	23224	0	2	07/16/01	8:00 AM	4.16	24	58	8.9	1140	53.5	129	0.029	0.010	0.010	**0.020**	1.480	0.049	1.500	0.390	0.411	69.5	510.9	369	50	AG LAB
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	23965	0	2	08/20/01	9:45 AM	5.81	24	81	8.07	1557	31.1	285	0.015	0.010	0.570	**0.580**	0.810	0.595	1.390	0.015	0.144	65.0	437.6	579	189	AG LAB
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	24262	0	2	09/24/01	11:00 AM	5.71	16	68	9.52	991	41.3	114	0.323	0.010	0.010	**0.020**	1.685	0.343	1.705	0.036	0.122	48.0	290.2	239	45	AG LAB
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	24387	0	2	10/29/01	9:15 AM	9.17	12	100	8.05	1662	17.1	333	0.069	0.650	0.500	**1.150**	0.775	1.219	1.925	0.011	0.044	63.4	422.4	601	14	AG LAB
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	24537	0	2	12/10/01	10:55 AM	9.70	4	87	8.06	1604	4.56	347	0.025	0.010	0.010	**0.020**	0.365	0.045	0.385	0.005	0.017	57.7	392.4	599	10	AG LAB
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	24704	0	2	01/14/02	10:20 AM	8.62	4	77	7.93	1458	8.13	332	0.019	0.010	0.520	**0.530**	0.278	0.549	0.808	0.018	0.045	52.0	348.3	618	10	AG LAB
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	24836	0	2	02/19/02	11:10 AM	8.17	7	79	8.14	1513	28.8	335	0.109	0.010	0.010	**0.020**	0.381	0.129	0.401	0.028	0.094	52.6	353.9	679	29	AG LAB
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	SWT	24988	0	2	03/25/02	9:50 AM	9.11	5	84	8.27	1463	16	325	0.115	0.010	0.010	**0.020**	0.527	0.135	0.547	0.022	0.099	52.9	340.2	558	19	AG LAB
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	18606	13	4	05/16/00	10:00 AM	8.47	19	99	8.17	1006	32.5	198	0.010	0.006	0.360	**0.366**	0.710	0.376	1.076	0.003	0.094	130.0	67.0	320	59	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	18739	11	5	06/20/00	10:10 AM	8.26	22	103	8.27	986	51.1	210	0.024	0.006	0.400	**0.406**	0.560	0.430	0.966	0.008	0.113	125.0	71.8	320	90	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	19119	5	4	07/25/00	12:15 PM	7.99	26	107	8.46	860	38.9	213	0.050			0.260	0.230	0.310	0.490	0.032	0.065	121.0	60.3	269	36	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	21636	0	3	08/29/00	11:00 AM	10.31	26	138	8.24	799	3.22	187	0.050			0.500	0.130	0.550	0.630	0.014	0.005	98.8	55.3	284	8	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	21678	0	2	10/03/00	2:00 PM	8.24	20	98	8.05	798	4.08	208	0.050			0.050	0.140	0.100	0.190	0.018	0.039	115.0	51.6	293	9	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	21945	26	5	11/07/00	1:15 PM	9.72	9	91	8.32	682	19.6	231	0.050			0.860	0.290	0.910	1.150	0.055	0.145	143.0	67.5	454	34	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	22070	11	4	12/12/00	10:45 AM	14.59	1	111	8.31	519	11.2	249	0.050			0.910	0.150	0.960	1.060	0.025	0.066	135.0	60.6	375	2	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	22385	16	5	01/23/01	9:35 AM	11.84	5	101	8.32	591	7.89	219	0.050			0.700	0.240	0.750	0.940	0.011	0.040	145.0	57.1	323	1	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	22615	21	5	02/27/01	9:45 AM	10.55	6	92	8.29	980	10.6	226	0.050			0.640	0.430	0.690	1.070	0.018	0.052	136.0	59.8	314	40	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	22823	20	5	04/03/01	9:30 AM	9.50	14	100	8.21	968	4.57	209	0.050			0.380		0.430		0.007	0.024	139.0	68.3	302	4	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	22916	22	4	05/08/01	9:05 AM	8.74	16	96	8.17	988	13.3	221	0.050			0.300		0.350		0.014	0.058	138.0	59.8	317	30	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	23038	98	4	06/12/01	8:45 AM	7.62	21	93	8.27	994	76.3	233	0.050			0.740		0.790		0.054	0.165	137.0	71.4	341	110	DEQ
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	23235	1	3	07/17/01	1:00 PM	7.84	29	111	8.19	811	17.9	116	0.015	0.010	0.270	**0.280**	0.430	0.295	0.710	0.039	0.219	140.4	69.1	265	34	AG LAB
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	23972	0	3	08/21/01	9:00 AM	9.48	22	118	8.17	814	3.62	203	0.015	0.010	0.550	**0.560**	0.411	0.575	0.971	0.033	0.040	91.8	53.5	265	2	AG LAB
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	24267	8	5	09/25/01	9:30 AM	8.84	14	93	8.16	631	131	180	0.188	0.010	0.840	**0.850**	0.965	1.038	1.815	0.085	0.137	61.0	39.8	213	84	AG LAB
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	24394	5	4	10/30/01	8:50 AM	9.62	13	99	8.22	880	5.09	213	0.033	0.010	0.650	**0.660**	0.240	0.693	0.900	0.005	0.005	122.4	75.9	312	10	AG LAB
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	24542	7	5	12/11/01	9:05 AM	11.16	4	92	8.33	1028	6.46	214	0.015	0.010	0.920	**0.930**	0.225	0.945	1.155	0.005	0.005	114.8	73.8	313	10	AG LAB
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	24709	10	4	01/15/02	10:40 AM	12.45	3	100	8.36	10.2	9.5	214	0.028	0.010	0.940	**0.950**	0.209	0.978	1.159	0.015	0.026	112.7	71.7	309	10	AG LAB
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	24841	10	4	02/20/02	9:30 AM	11.61	6	101	8.29	1027	7.51	213	0.015	0.010	0.790	**0.800**	0.307	0.815	1.107	0.017	0.025	116.4	72.3	322	13	AG LAB
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	WHP	24994	12	5	03/26/02	9:20 AM	13.40	13	138	8.47	1040	6.9	210	0.099	0.010	0.940	**0.950**	0.330	1.049	1.280	0.013	0.020	112.9	68.8	326	10	AG LAB
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	18604	2		05/15/00	8:00 AM	4.19	19	50	7.47	888	10.9	199	0.010	0.010	0.334	**0.344**	1.010	0.354	1.354	0.005	0.050	105.0	44.2	300	14	DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	18737	2	4	06/20/00	8:10 AM	4.53	21	56	7.53	892	12.1	210	0.060	0.010	0.370	**0.380**	0.290	0.440	0.670	0.009	0.056	103.0	53.8	350	24	DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	19079	0	2	07/25/00	7:30 AM	3.58	24	47	8.29	856	26.2	255	0.100			0.190	0.450	0.290	0.640	0.014	0.022	120.0	51.0	269	82	DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	21632	0	2	08/29/00	7:30 AM	5.69	24	74	7.87	942	21	151	0.050			0.080	0.390	0.130	0.470	0.022	0.062	151.0	65.4	407	22	DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	21674	0	2	10/03/00	7:45 AM	6.62	18	77	7.84	905	15.4	191					0.260			0.007	0.048	149.0	0.0			DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	21941	0	2	11/07/00	7:45 AM	8.37	8	78	8.01	585	4.58	216	0.050			0.480	0.200	0.530	0.680	0.007	0.009	127.0	42.5	419	14	DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	22068	0	2	12/12/00	8:30 AM	10.62	1	82	7.94	490	5.15	226	0.050			1.250	0.050	1.300	1.300	0.009	0.024	114.0	42.6	368	4	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	22378	0	2	01/22/01	5:45 PM	13.09	5	113	8.1	503	4.87	206	0.050			1.150	0.090	1.200	1.240	0.009	0.024	111.0	37.8	292	1	DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	22542	2	4	02/26/01	5:00 PM	11.58	10	113	8.15	829	6.9	203	0.050			0.790	0.330	0.840	1.120	0.011	0.042	112.0	41.6	292	22	DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	22795	2	4	04/02/01	6:50 PM	8.49	18	99	7.86	847	11.9	194	0.050			0.690		0.740		0.009	0.034	116.0	45.9	283	12	DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	22909	2	4	05/07/01	6:00 PM	9.03	22	114	7.9	837	14.2	188	0.050			0.250		0.300		0.018	0.068	113.0	40.3	288	62	DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	23036	1	4	06/11/01	5:00 PM	8.43	28	118	8.02	898	17.8	206	0.050			0.270		0.320		0.010	0.042	118.0	47.3	290	20	DEQ
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	23229	0	2	07/17/01	7:30 AM	5.19	25	69	7.8	863	15.2	132	0.037	0.010	0.120	**0.130**	0.520	0.167	0.650	0.073	1.497	136.3	57.0	275	15	AG LAB
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	23970	0	2	08/20/01	5:00 PM	8.53	26	116	7.94	937	17.4	181	0.078	0.010	0.550	**0.560**	0.739	0.638	1.299	0.096	0.079	134.4	67.5	290	17	AG LAB
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	24265	0	2	09/25/01	7:30 AM	6.52	17	74	7.72	969	8.77	203	0.068	0.010	0.490	**0.500**	0.255	0.568	0.755	0.005	0.027	121.1	58.0	311	10	AG LAB
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	24392	0	2	10/29/01	3:45 PM	9.69	16	108	7.92	944	5.29	205	0.066	0.010	0.700	**0.710**	0.353	0.776	1.063	0.005	0.005	111.6	52.6	316	10	AG LAB
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	24540	0	4	12/10/01	5:00 PM	11.90	6	105	8.14	902	3.65	208	0.017	0.010	1.150	**1.160**	0.200	1.177	1.360	0.005	0.005	100.0	49.9	309	10	AG LAB
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	24707	0	2	01/14/02	5:25 PM	11.78	7	107	8.12	891	4.6	204	0.016	0.010	1.220	**1.230**	0.249	1.246	1.479	0.012	0.023	91.5	49.0	304	10	AG LAB
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	24839	2	4	02/19/02	4:30 PM	10.82	10	105	8.09	8.89	8.95	198	0.015	0.010	1.110	**1.120**	0.321	1.135	1.441	0.018	0.029	94.5	50.0	318	10	AG LAB
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	WHP	24992	2	5	03/25/02	4:15 PM	10.53	6	93	8.16	884	4.71	197	0.015	0.010	1.030	**1.040**	0.225	1.055	1.265	0.029	0.037	90.9	47.0	316	10	AG LAB
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	18591	0	2	05/15/00	7:50 AM	5.64	12	62	7.56	1040	5.66	320	0.010	0.001	0.145	**0.146**	0.390	0.156	0.536	0.008	0.044	69.0	191.0	446	1	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	18731	0	2	06/19/00	8:10 AM	1.19	16	14	7.21	1318	10.7	328	0.023	0.001	0.131	**0.132**	0.360	0.155	0.492	0.011	0.054	77.5	231.0	470	5	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	19076	0	2	07/24/00	11:00 AM	3.99	22	54	7.68	1074	16	294	0.130			0.050	0.680	0.180	0.730	0.023	0.033	59.4	161.0	483	136	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	21621	0	2	08/28/00	11:15 AM	2.34	22	32	7.8	1489	35.8	313	3.360			0.050	4.340	3.410	4.390	0.086	0.325	114.0	244.0	693	76	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	21669	0	2	10/02/00	10:00 AM	3.61	15	42	7.78	1300	22	299	1.160			0.050	2.370	1.210	2.420	0.018	0.182	121.0	204.0	431	46	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	21921	0	2	11/06/00	11:15 AM	4.68	7	46	7.87	676	5.62	308	0.050			0.050	0.220	0.100	0.270	0.010	0.027	55.0	147.0	582	16	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	22051	0	2	12/11/00	9:30 AM	5.40	1	45	7.67	796	6.74	406	0.050			0.050	0.240	0.100	0.290	0.014	0.054	85.7	250.0	775	1	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	22373	0	2	01/22/01	9:15 AM	7.41	1	62	7.81	8.1	2.48	329	0.050			0.050	0.240	0.100	0.290	0.020	0.043	100.0	232.0	560	1	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	22537	0	4	02/26/01	8:45 AM	6.34	4	57	8.04	1336	2.59	335	0.050			0.050	0.100	0.100	0.150	0.013	0.037	85.0	198.0	472	1	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	22792	1	4	04/02/01	11:15 AM	7.74	16	93	8.09	1323	15.9	323	0.050			0.070		0.120		0.017	0.052	87.2	236.0	460	4	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	22906	0	4	05/07/01	11:50 AM	8.22	19	105	8.15	1355	5.79	332	0.050			0.050		0.100		0.015	0.050	91.5	210.0	475	7	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	23031	0	2	06/11/01	9:30 AM	0.98	18	12	7.34	1261	32.5	336	0.280			0.050		0.330		0.027	0.133	97.8	198.0	456	23	DEQ
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	23226	0	2	07/16/01	10:30 AM	1.99	20	26	7.65	1186	35.9	317	3.200	0.010	0.010	**0.020**	5.720	3.220	5.740	0.564	0.663	105.6	212.9	461	8	AG LAB
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	23967	0	2	08/20/01	11:30 AM	2.04	20	27	7.73	1424	71.1	308	3.841	0.010	0.560	**0.570**	6.781	4.411	7.351	0.234	0.389	99.4	246.6	416	50	AG LAB
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	24260	0	2	09/24/01	9:30 AM	1.63	13	18	7.41	1692	29.5	219	0.549	0.010	0.790	**0.800**	2.010	1.349	2.810	0.035	0.139	124.4	413.5	548	35	AG LAB
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	24389	0	2	10/29/01	11:00 AM	3.96	12	44	7.8	1659	50	353	0.267	0.010	1.240	**1.250**	1.496	1.517	2.746	0.012	0.221	102.1	136.0	543	52	AG LAB
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	24535	0	2	12/10/01	9:00 AM	4.60	4	42	7.67	1272	11.6	281	0.109	0.010	0.010	**0.020**	0.332	0.129	0.352	0.005	0.024	57.8	191.6	444	10	AG LAB
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	24702	0	2	01/14/02	8:30 AM	4.35	3	38	7.62	1080	4.19	324	0.015	0.010	0.490	**0.500**	0.230	0.515	0.730	0.009	0.016	52.0	158.2	422	10	AG LAB
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	24834	0	2	02/19/02	9:15 AM	9.41	3	83	8.04	1591	5.57	343	0.088	0.010	0.010	**0.020**	0.376	0.108	0.396	0.053	0.058	87.7	325.0	678	10	AG LAB
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	WHP	24989	0	2	03/25/02	10:50 AM	9.12	2	78	7.79	1330	3.25	323	0.109	0.010	0.010	**0.020**	0.332	0.129	0.352	0.005	0.028	69.3	240.4	479	10	AG LAB
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	18597	1	4	05/15/00	2:00 PM	13.22	24	182	8.21	2640	2.08	389	0.010	0.001	0.169	**0.170**	0.570	0.180	0.740	0.002	0.017	95.0	1435.0	740	3	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	18735	0	4	06/19/00	1:20 PM	12.38	24	170	8.57	2400	2.04	240	0.035	0.001	0.189	**0.190**	0.710	0.225	0.900	0.003	0.032	103.0	960.0	670	3	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	19077	1	3	07/24/00	12:30 PM	9.38	29	141	8.45	1088	4.02	245	0.050			0.050	0.540	0.100	0.590	0.005	0.005	1311.0	205.0	507	416	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	21622	0	3	08/28/00	12:30 PM	13.67	31	213	8.75	1785	11.4	222	0.040			0.050	0.590	0.090	0.640	0.030	0.083	53.9	526.0	671	16	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	21672	0	2	10/02/00	2:45 PM	11.10	19	138	8.44	2255	1.49	247	0.050			0.050	0.470	0.100	0.520	0.007	0.019	105.0	588.0	611	12	DEQ

OCC Task	SiteName	WBID	County	E-region	SampleID	Discharge (cfs)	Stage	Date	Time	DO (mg/l)	Temp C	DO, (% Sat)	pH	Cond (uS/cm)	Turb (NTU)	Alk (mg/l as CaCO3)	Ammonia (mg/l)	Nitrite (mg/l)	Nitrate (mg/l)	Nitrate-Nitrite* (mg/l)	TKN (mg/l)	Available-N** (mg/l)	Total-N*** (mg/l)	oP (mg/l)	TP (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	THrdnss (mg/l)	TSS (mg/l)	Lab
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	21922	0	3	11/06/00	1:00 PM	12.92	10	132	8.5	155	1.89	301	0.050			0.050	0.400	0.100	0.450	0.005	0.005	81.3	625.0	624	10	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	22054	0	4	12/11/00	1:45 PM	12.50	2	104	8.32	1467	1.16	414	0.050			0.050	0.320	0.100	0.370	0.005	0.023	89.3	750.0	796	6	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	22376	1	4	01/22/01	1:15 PM	11.62	4	102	8.1	1693	4.91	478	0.050			0.050	0.420	0.100	0.470	0.010	0.026	104.0	906.0	974	8	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	22540	2	4	02/26/01	12:45 PM	12.21	9	122	8.37	2283	4.56	384	0.050			0.050	0.440	0.100	0.490	0.008	0.030	82.8	748.0	709	6	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	22793	4	5	04/02/01	1:00 PM	10.77	17	129	8.26	2292	12.1	371	0.050			0.050		0.100		0.013	0.047	85.3	750.0	740	2	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	22907	1	4	05/07/01	1:20 PM	13.20	20	168	8.25	2575	1.85	403	0.050			0.050		0.100		0.008	0.040	96.2	909.0	404	18	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	23034	3	5	06/11/01	12:45 PM	13.64	28	201	8.37	1475	2.73	287	0.050			0.050		0.100		0.009	0.024	38.8	433.0	450	5	DEQ
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	23227	0	2	07/16/01	12:00 PM	6.59	27	96	7.99	2303	16.1	172	0.030	0.010	0.010	**0.020**	0.880	0.050	0.900	0.027	0.067	211.0	882.5	549	1	AG LAB
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	23968	0	2	08/20/01	1:00 PM	5.78	24	79	8.13	2300	22.1	251	0.152	0.010	0.570	**0.580**	0.791	0.732	1.371	0.049	0.050	88.3	845.8	453	2	AG LAB
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	24263	0	2	09/24/01	12:30 PM	7.08	20	90	8.14	2814	1.93	288	0.169	0.010	0.010	**0.020**	0.778	0.189	0.798	0.005	0.036	93.3	1217.9	828	10	AG LAB
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	24390	0	2	10/29/01	12:10 PM	10.22	11	107	7.95	2783	1.38	346	0.108	0.010	0.010	**0.020**	0.875	0.128	0.895	0.005	0.005	87.9	1031.0	899	10	AG LAB
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	24538	0	3	12/10/01	12:30 PM	8.58	4	76	7.92	3189	1.46	382	0.117	0.010	0.010	**0.020**	0.468	0.137	0.488	0.010	0.030	102.4	1175.3	992	10	AG LAB
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	24705	0	3	01/14/02	11:50 AM	8.56	5	77	8.02	2922	5.13	274	0.178	0.970	0.010	**0.980**	0.710	1.158	1.690	0.009	0.041	153.8	1384.5	1164	10	AG LAB
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	24837	0	3	02/19/02	12:25 PM	8.99	6	83	8.17	2922	2.56	393	0.085	0.010	0.010	**0.020**	0.453	0.105	0.473	0.020	0.021	104.0	1061.3	1073	10	AG LAB
104	Cimarron River, East	OK720900-00-0010G	Cimarron	WHP	24990	0	3	03/25/02	11:55 AM	10.09	5	91	8.05	3015	2.72	392	0.174	0.010	0.010	**0.020**	0.566	0.194	0.586	0.005	0.021	96.8	1082.0	938	10	AG LAB

*values in bold represent those calculated from sum of nitrate and nitrite values

**values represent sum of ammonia and nitrate-nitrite values

***values represent sum of nitrate-nitrite and TKN values

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Roaring Creek	18972	20	0.1	0.2	0.1	3	9	2	95	3	0	0	0	0	0	0	X	X	0	0.5	0	1	0	0	0	0	1	0	0	0	0	0	75	S	0	0	0	0	50	40	SND	SND	10	10	2B	2B	X			
090	Roaring Creek	18972	40	0.3	0.4	0.3	2	8	3	90	0	0	0	0	7	0	0	X	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	65	S	30	0	3	0	70	45	SND	SND	5	15	2B	2B	X			
090	Roaring Creek	18972	60	0.1	0.1	0.3	4	7	5	95	0	0	0	0	0	0	0	X	0	0	0	0	1	0	0	0	0	1	0	0	0	X	X	75	S	0	20	0	2.4	60	75	SND	SND	5	10	2B	2B	X			
090	Roaring Creek	18972	80	0.1	0.1	0.1	2	8	0	85	15	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	2	0	0	20	X	X	80	M	0	0	0	0	50	80	SND	SND	5	5	2B	2B	X			
090	Roaring Creek	18972	100	0.1	0.2	0.1	3	7	3	80	2	0	0	0	0	15	0	0	X	0	0	0	0.5	0	0	0	0	2	0	0	0	X	X	80	G	0	0	0	0	55	75	SND	SND	5	10	2B	2B	X			
090	Roaring Creek	18972	120	0.1	0.1	0.1	4	9	2	95	3	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	30	X	X	80	M	0	10	0	2	45	60	SND	SND	5	10	2B	2B	X			
090	Roaring Creek	18972	140	0.3	0.2	0.1	3	9	8	90	2	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	3	0	0	10	0	0	90	G	0	0	0	0	45	40	SND	SND	5	20	2B	2B	X			
090	Roaring Creek	18972	160	0.1	0.1	0.1	4	8	2	98	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	80	G	20	0	3	0	70	50	SND	SND	0	20	2B	2B	X			
090	Roaring Creek	18972	180	0.1	0.2	0.1	3	8	2	98	0	0	0	0	0	0	0	0	X	0	0.5	0	0	0	0	0	0	3	0	0	0	X	X	70	G	40	0	3	0	80	50	SND	SND	0	10	2B	2B	X			
090	Roaring Creek	18972	200	0.2	0.5	0.3	3	7	2	90	3	0	0	0	0	5	0	X	0	0	0	1	1	0	0	0	0	2	0	0	0	X	X	90	G	0	0	0	0	60	45	SND	SND	5	5	2B	2B	X			
090	Roaring Creek	18972	220	0.2	0.4	0.2	3	8	5	85	0	0	0	0	0	10	0	X	0	0	0.5	1	0.5	0	0	0	0	1	0	0	0	0	0	60	G	0	50	0	4.5	55	80	SND	SND	5	2	2B	2B	X			
090	Roaring Creek	18972	240	0.1	0.1	0.1	2	8	0	90	5	5	0	0	0	0	X	0	0	0	0	1	2	0	0	0	0	0	0	0	20	X	X	75	G	10	0	1.8	0	70	70	SND	SND	5	10	2B	2B	X			
090	Roaring Creek	18972	260	0.1	0.2	0.1	2	6	2	38	0	0	0	0	0	60	0	0	X	0	0	0.5	0.5	0	0	0	0	0	0	0	30	0	0	80	G	0	0	0	0	60	60	SND	SND	5	10	2B	2B	X			
090	Roaring Creek	18972	280	0.1	0.2	0.2	3	8	2	90	8	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	30	X	X	75	G	10	0	2.3	0	60	60	SND	SND	2	10	2B	2B	X			
090	Roaring Creek	18972	300	0.3	0.6	0.5	5	7	2	95	3	0	0	0	0	0	0	X	0	0	0.5	0	0	0	0	0	0	0.5	0	0	5	X	X	80	G	10	0	2.3	0	70	60	SND	SND	5	10	2B	2B	X			
090	Roaring Creek	18972	320	0.3	0.3	0.3	3	7	2	95	3	0	0	0	0	0	0	X	0	0	0.5	1	0.5	0	0	0	0	2	0	0	15	X	X	80	G	0	0	0	0	80	50	SND	SND	5	10	2B	2B	X			
090	Roaring Creek	18972	340	0.1	0.1	0.1	1	10	0	85	15	0	0	0	0	0	X	0	0	0	0	0.5	0.5	0	0	0	0	1	0	0	75	X	X	70	M	20	0	1.8	0	80	65	SND	SND	10	5	2B	2B	X			
090	Roaring Creek	18972	360	0.1	0.1	0.1	3	8	2	95	3	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	2	0	0	5	X	X	85	G	0	0	0	0	50	80	SND	SND	10	10	2B	2B	X			
090	Roaring Creek	18972	380	0.1	0.1	0.1	3	8	2	90	8	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	35	X	X	60	G	10	10	2.8	2.2	65	75	SND	SND	10	10	2B	2B	X			
090	Roaring Creek	18972	400	0.1	0.1	0.1	2	8	0	90	10	0	0	0	0	0	X	0	0	0	0	0	0.5	0	0	0	0	0	0	0	30	X	X	40	G	0	60	0	4.3	60	70	SND	SND	10	10	2B	2B	X			
090	Laflin Creek	18982	20	0.1	0.1	0.1	4	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	40	X	X	95	M	0	0	0	0	0	0	SND	SND	18	12	1A	1B	X			
090	Laflin Creek	18982	40	0.1	0.1	0.1	3	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	10	X	X	95	M	0	0	0	0	0	0	SND	SND	20	10	1A	1B	X			
090	Laflin Creek	18982	60	0.1	0.1	0.1	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	10	X	X	90	M	0	0	0	0	0	0	SND	SND	18	10	1A	1B	X			
090	Laflin Creek	18982	80	0.1	0.1	0.1	4	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	40	X	X	75	M	0	50	0	1.6	0	0	SND	SND	15	10	1A	1B	X			
090	Laflin Creek	18982	100	0.1	0.1	0.1	4	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	30	0	0	85	G	0	0	0	0	0	0	SND	SND	12	15	1B	1A	X			
090	Laflin Creek	18982	120	0.1	0.1	0.1	4	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	80	0	0	75	G	30	0	1.7	0	0	0	SND	SND	15	25	1B	1A	X			
090	Laflin Creek	18982	140	0.1	0.1	0.1	5	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	80	X	X	75	M	40	0	1.7	0	0	0	SND	SND	15	40	1B	1A	X			
090	Laflin Creek	18982	160	0.1	0.1	0.1	3	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	25	0	0	85	M	0	0	0	0	0	0	SND	SND	18	50	1B	1A	X			
090	Laflin Creek	18982	180	0.1	0.1	0.1	4	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	25	0	0	85	M	0	0	0	0	0	0	SND	SND	12	60	1B	1A	X			
090	Laflin Creek	18982	200	0.1	0.1	0.1	5	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	25	0	0	90	M	0	0	0	0	0	0	SND	SND	10	50	1B	1A	X			
090	Laflin Creek	18982	220	0.1	0.1	0.1	4	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	25	X	X	95	M	0	0	0	0	0	0	SND	SND	15	40	1B	1A	X			
090	Laflin Creek	18982	240	0.1	0.1	0.1	4	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	X	X	95	G	0	0	0	0	0	0	SND	SND	0	0	2B	2B	X			
090	Laflin Creek	18982	260	0.1	0.1	0.1	4	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	0	0	85	G	0	0	0	0	0	0	SND	SND	20	40	1B	1B	X			
090	Laflin Creek	18982	280	0.1	0.1	0.1	4	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	40	X	X	80	M	0	0	0	0	0	0	SND	SND	30	40	1A	1A	X			
090	Laflin Creek	18982	300	0.1	0.1	0.1	4	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	25	X	X	85	M	0	0	0	0	0	0	SND	SND	30	50	1A	1A	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Laflin Creek	18982	320	0.1	0.1	0.1	5	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	60	X	X	90	M	0	0	0	0	0	0	SND	SND	40	50	1A	1A	X			
090	Laflin Creek	18982	340	0.1	0.1	0.1	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	40	X	X	90	M	0	0	0	0	0	0	SND	SND	40	50	1A	1A	X			
090	Laflin Creek	18982	360	0.1	0.2	0.1	6	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	1	0	0	0	0	1	0	0	40	X	X	95	M	0	0	0	0	0	0	SND	SND	50	50	1A	1A	X			
090	Laflin Creek	18982	380	0.1	0.1	0.1	3	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	2	0	0	90	X	X	80	M	0	0	0	0	0	0	SND	SND	40	40	1A	1A	X			
090	Laflin Creek	18982	400	0.1	0.1	0.1	3	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0	0	0	75	X	X	75	M	0	0	0	0	0	0	SND	SND	30	35	1A	1A	X			
090	Winter Creek	18971	20	0.1	0.1	0.1	3	12	0	95	5	0	0	0	0	0	0	0	X	0	0	0.5	0	0	0	0	0	0.5	5	0	0	X	X	75	g	0	0	0	0	45	60	SND	SND	15	15	2B	2B	X			
090	Winter Creek	18971	40	0.1	0.2	0.1	4	12	0	98	2	0	0	0	0	0	0	0	X	0	0	1	0	0	0	0	0	1	0	0	0	X	X	75	g	25	0	2	0	50	50	SND	SND	5	20	2B	1B	X			
090	Winter Creek	18971	60	0.1	0.1	0.2	5	11	0	98	2	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	75	g	25	0	2.6	0	60	45	SND	SND	5	20	2B	1B	X			
090	Winter Creek	18971	80	0.1	0.1	0.1	3	12	0	95	5	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	1	0	0	0	X	X	80	g	25	0	2.6	0	55	45	SND	SND	15	15	1B	1B	X			
090	Winter Creek	18971	100	0.1	0.1	0.2	4	12	0	98	2	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	80	g	0	0	0	0	40	45	SND	SND	25	10	1B	1B	X			
090	Winter Creek	18971	120	0.5	0.4	0.4	3	12	0	100	0	0	0	0	0	0	0	X	0	0	0.1	0.5	0.5	0	0	0	0	2	0	0	0	0	0	70	g	20	0	2.5	0	55	45	SND	SND	25	0	1A	2B	X			
090	Winter Creek	18971	140	0.2	0.3	0.2	2	11	0	95	5	0	0	0	0	0	0	0	X	0	0.5	0	0.5	0	0	0	0	2	0	0	0	X	X	60	g	0	60	0	3.5	45	80	SND	SND	30	0	1A	2B	X			
090	Winter Creek	18971	160	0.1	0.2	0.2	3	13	0	100	0	0	0	0	0	0	0	X	0	0	0.5	0	0	0	0	0	0	2	0	0	0	X	X	40	g	0	90	0	4.5	40	85	SND	SND	40	0	1A	2B	X			
090	Winter Creek	18971	180	0.1	0.2	0.1	4	10	0	100	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	60	g	0	85	0	4.5	40	85	SND	SND	50	0	1A	2B	X			
090	Winter Creek	18971	200	0.1	0.1	0.1	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0.5	0	0	0	0	0	0	3	0	0	0	0	0	80	g	0	10	0	4.5	40	70	SND	SND	50	2	1A	2B	X			
090	Winter Creek	18971	220	0.1	0.1	0.1	5	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	15	X	X	85	m	0	0	0	0	50	80	SND	SND	50	3	1A	2B	X			
090	Winter Creek	18971	240	0.1	0.1	0.1	5	7	0	98	2	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	95	m	0	0	0	0	60	75	SND	SND	40	5	1A	2B	X			
090	Winter Creek	18971	260	0.1	0.1	0.1	5	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	0	0	95	m	0	0	0	0	55	75	SND	SND	30	5	1A	2B	X			
090	Winter Creek	18971	280	0.2	0.1	0.1	5	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	3	0	0	0	X	X	95	m	0	0	0	0	55	75	SND	SND	20	12	1B	2B	X			
090	Winter Creek	18971	300	0.2	0.1	0.1	4	8	0	95	5	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	2	0	0	0	X	X	80	m	20	0	4	0	60	50	SND	SND	10	20	1B	2B	X			
090	Winter Creek	18971	320	0.1	0.1	0.2	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	X	X	75	g	0	25	0	3	45	55	SND	SND	5	20	2B	2B	X			
090	Winter Creek	18971	340	0.1	0.1	0.2	3	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	X	X	75	g	20	0	3	0	45	40	SND	SND	0	30	2B	2B	X			
090	Winter Creek	18971	360	0.1	0.1	0.1	2	10	0	95	5	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	X	X	80	g	0	0	0	0	45	35	SND	SND	0	30	2B	2B	X			
090	Winter Creek	18971	380	0.1	0.1	0.1	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	X	X	80	s	0	0	0	0	50	45	SND	SND	0	30	2B	2B	X			
090	Winter Creek	18971	400	0.1	0.1	0.1	2	8	0	95	5	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	4	0	0	0	0	0	90	m	0	0	0	0	60	45	SND	SND	0	30	2B	2B	X			
090	Rush Creek	23109	20	0.4	0.2	0.2	8	12	20	35	35	0	0	0	5	5	0	0	X	0	0	0	0.5	0	1	0	0	0	2	10	5	0	X	80	M	10	0	0.5	0	40	50			20	10	1A	1B	X			
090	Rush Creek	23109	40	0.2	0.3	0.3	8	10	20	70	10	0	0	0	0	0	0	0	X	0	0.5	0	0	0.5	0	0	0	0	0	5	0	0	X	70	M	20	0	0.5	0	80	70			10	5	2A	1C	X			
090	Rush Creek	23109	60	0.3	0.3	0.2	8	15	15	70	5	0	0	0	0	10	0	0	X	0	0	0	0	0	1	0	0	0	3	0	5	0	X	85	M	15	0	0.5	0	25	25			5	5	1C	1C	X			
090	Rush Creek	23109	80	0.4	0.4	0.2	7	12	20	55	5	0	0	0	0	20	0	0	X	0	0	0	0	0	1	0	0	0	0	0	10	0	X	80	M	15	0	1	0	50	40			10	5	1C	1C	X			
090	Rush Creek	23109	100	0.2	0.2	0.2	8.5	12	5	55	20	5	0	0	0	15	0	0	X	0	0.5	0	0	0	0	0	0	0.5	2	0	5	0	X	75	M	10	0	1	0	80	40			5	5	1C	1C	X			
090	Rush Creek	23109	120	0.2	0.6	0.1	12	13	5	85	10	0	0	0	0	0	0	X	X	0	0	0	0.5	0	0	0	0	0	1	0	10	0	X	70	M	40	0	3	0	85	75			10	5	1B	1C	X			
090	Rush Creek	23109	140	0.3	0.2	0.1	6	14	5	60	10	0	0	0	0	25	0	0	X	0	0.5	0.5	0	0	0.5	0	0	0.5	5	0	5	0	X	65	M	65	0	4	0	80	35			0	5		1C	X			
090	Rush Creek	23109	160	0.3	0.3	0.3	6	16	15	75	5	0	0	0	0	5	0	0	X	0	0.5	0	0.5	0	0.5	0	0	0	2	0	0	0	X	60	M	50	0	2	0	30	65			0	10		1C	X			
090	Rush Creek	23109	180	0.2	0.3	0.6	5	9	5	80	10	0	0	0	0	5	0	0	X	0	0	1	0	0.5	1	0	0	0	1	0	3	0	X	55	M	50	0	2	0	35	75			0	10		1B	X			
090	Rush Creek	23109	200	0.2	0.3	0.2	7	12	0	60	20	0	0	0	0	20	0	0	0	0	0	0.5	0	0	0	0	0	0	1	0	1	0	X	65	M	35	0	2	0	40	75			5	10	2C	1C	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Rush Creek	23109	220	0.1	0.2	0.05	6	16	0	5	15	0	0	0	0	80	X	0	0	0	0	0	0.5	0	0	0	0	0	10	10	0	0	X	50	M	80	0	4	0	50	30			0	10		1C	X			
090	Rush Creek	23109	240	0.2	0.3	0.2	5	14	15	0	0	0	0	0	0	85	X	0	0	0	0	0	0.5	0	0	0	0	0	10	0	0	0	X	80	M	20	0	2	0	25	70			0	10		1C	X			
090	Rush Creek	23109	260	0.3	0.3	0.2	7	15	2	65	30	0	3	0	0	0	0	0	X	0	0	1	0	0	0	0	0	0	25	0	0	0	X	75	M	0	0	0	0	45	80			0	10		1C	X			
090	Rush Creek	23109	280	0.2	0.3	0.2	10	12	0	50	35	0	0	0	0	15	0	0	X	0	0	0	1	0	0	0	0	0	10	0	0	0	X	85	M	0	0	0	0	80	75			10	10	1C	1C	X			
090	Rush Creek	23109	300	0.1	0.3	0.1	8	12	5	0	45	0	0	0	0	50	0	0	X	0	0	0	0.5	0	0	0	0	0	4	0	0	0	X	85	M	0	0	0	0	80	70			15	10	1C	1C	X			
090	Rush Creek	23109	320	0.1	0.3	0.3	6	10	5	5	30	0	0	0	0	60	0	0	X	0	0	0	0	0	0	0	0	0	5	30	5	0	X	80	M	0	0	0	0	35	65			20	15	1B	1B	X			
090	Rush Creek	23109	340	0.2	0.1	0.2	9	11	0	40	50	0	0	0	0	10	0	0	X	0	0	0.5	0	0	0	0	0	0	3	0	5	0	X	80	M	0	0	0	0	55	75			20	15	1B	1B	X			
090	Rush Creek	23109	360	0.1	0	0.1	9	12	10	50	40	0	0	0	0	0	X	0	0	0	0.5	0.5	0.5	0	0	0	0	0.5	2	0	10	X	X	85	M	0	0	0	0	80	80			10	20	2B	1B	X			
090	Rush Creek	23109	380	0.3	0.2	0.1	8	10	5	85	10	0	0	0	0	0	0	X	X	0	0	0.5	2	0	0	0	0	0	0	0	5	X	X	85	M	0	0	0	0	85	85			10	10	1B	1C	X			
090	Rush Creek	23109	400	0.3	0.2	0.1	11	12	5	80	10	0	0	0	5	0	0	X	X	0	0	0	0.5	0.5	0	0	0	0	0	0	10	X	X	90	M	0	0	0	0	85	85			10	10	1C	1C	X			
090	Bitter Creek	18793	20	0.1	0.3	0.2	8	14	0	95	5	0	0	0	0	0	0	0	0	X	0.5	0.5	0.5	1	0	0	0	0.5	5	0	10	X	X	85	M	10	20	2	1.5	45	60	SND	SND	20	20	2A	2A	X			
090	Bitter Creek	18793	40	0.4	0.5	0.4	5	14	0	90	0	0	0	0	0	10	0	X	X	0	0.5	0	0	0.5	0	0	0	0	0	0	20	0	X	75	M	0	30		3	40	80	SND	HPC	30	10	1A	2A	X			
090	Bitter Creek	18793	60	0.1	0.2	0.3	4	12	0	90	10	0	0	0	0	0	X	0	0	0	0	0.5	0.5	1.5	0	0	0.5	1	0	0	5	X	X	80	M	0	30	0	3	30	80	SND	SND	30	10	1A	2A	X			
090	Bitter Creek	18793	80	0.1	0.3	0.3	9	12	0	85	15	0	0	0	0	0	0	X	0	0	0	1	0.5	0.5	0	0	0	0.5	0	0	15	X	X	90	M	0	0	0	0	55	75	SND	SND	40	20	1A	2A	X			
090	Bitter Creek	18793	100	0.4	0.4	0.2	4	11	0	90	10	0	0	0	0	0	X	0	0	0	0.5	2	0.5	1	0	0	0	0.5	0	0	10	0	X	90	M	10	0	1	0	65	70	SND	SND	30	30	1A	2A	X			
090	Bitter Creek	18793	120	0.3	0.4	0.4	6	11	0	85	15	0	0	0	0	0	0	0	X	0	0.5	1.5	0.5	0	0	0	0	1	0	0	0	X	X	90	M	0	0	0	0	70	60	SND	SND	30	10	1A	2A	X			
090	Bitter Creek	18793	140	0.1	0.3	0.3	3	10	0	80	20	0	0	0	0	0	X	0	0	0	0	1	1	0	0	0	0	0	0	0	15	X	X	90	M	0	0	0	0	75	70	SND	SND	30	10	1A	2A	X			
090	Bitter Creek	18793	160	0.1	0.2	0.1	6	14	0	85	10	0	0	0	0	5	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	5	X	X	80	M	0	30	0	2	70	60	SND	SND	20	10	1A	2A	X			
090	Bitter Creek	18793	180	0.4	0.4	0.2	5	14	0	95	5	0	0	0	0	0	0	0	X	0	0	0.5	1	0	0	0	0	1	0	0	15	0	X	60	T	20	40	1	2	70	70	SND	SND	25		1A	2A	X			
090	Bitter Creek	18793	200	0.1	0.2	0.3	6	10	0	60	10	0	0	0	0	30	0	0	X	0	0	0	0.5	0	0	0	0	0.5	0	0	0	0	X	85	M	0	20	0	1	70	75	SND	SND/HPC	30	0	1A	2A	X			
090	Bitter Creek	18793	220	0.2	0.5	0.5	7	10	0	20	0	0	0	0	0	80	0	X	0	0	1	0	0	0	0	0	0	0.5	0	0	10	0	X	90	M	0	0	0	0	60	65	SND	HPC	30	5	1A	2A	X			
090	Bitter Creek	18793	240	0.4	0.5	0.6	10	11	0	10	0	0	0	0	0	90	0	X	0	0	1	0	0	0	0	0	0	1	0	0	10	0	X	85	M	0	30	0	1.5	60	70	SND	SND/HPC	35	5	1A	2A	X			
090	Bitter Creek	18793	260	0.5	0.6	0.6	10	11	0	5	0	0	0	0	0	95	0	X	0	0	2	0	0	0	0	0	0	3	0	0	15	0	X	90	M	0	10	0	1	50	65	SND	SND/HPC	30	5	1A	2A	X			
090	Bitter Creek	18793	280	0.2	0.4	0.2	8	13	0	95	0	0	0	0	0	5	X	0	0	0	1	0.5	1	1	0	0	0	1.5	0	0	30	X	X	85	M	0	20	0	1	65	65	SND	SND	25	5	1A	2A	X			
090	Bitter Creek	18793	300	0.3	0.4	0.4	10	13	0	15	0	0	0	0	0	85	0	0	X	0	0	0	0	0	1.5	0	0	0	0	0	20	X	X	90	M	0	0	0	0	70	60	HPC	SND	15	20	1A	1A	X			
090	Bitter Creek	18793	320	0.4	0.4	0.3	11	13	0	90	0	0	0	0	0	10	0	0	X	0	0	0	0	1	1	0	0	1	0	0	40	0	X	85	M	20	0	1	0	65	70	SND	SND	15	20	1A	1A	X			
090	Bitter Creek	18793	340	0.1	0.2	0.2	12	13	0	80	5	0	0	0	0	15	0	0	X	0	0	1	0.5	0.5	0.5	0	0	0.5	0	0	35	0	X	80	M	0	10	0	1.5	65	75	SND	SND	10	20	1A	1A	X			
090	Bitter Creek	18793	360	0.2	0.4	0.2	6	10	0	10	0	0	0	0	0	90	0	0	X	0	0	0	0	0.5	1	0	0	0.5	0	0	10	X	X	85	M	15	0	1	0	70	60	SND/HPC	SND	20	30	1A	1A	X			
090	Bitter Creek	18793	380	0.3	0.5	0.6	10	11	0	70	0	0	0	0	0	30	0	X	0	0	0	1	1.5	1		0	0	0	0	0	40	X	X	90	M	0	0	0	0	70	65	SND	SND	20	40	1A	1A	X			
090	Bitter Creek	18793	400	0.3	0.6	0.3	12	13	0	30	0	0	0	0	0	70	0	X	0	0	0	0	0.5	0	0.5	0	0	0.5	0	0	20	0	X	90	M	0	0	0	0	65	65	SND	SND	30	40	1A	1A	X			
090	Little Washita R., Grady Co.	18981	20	0.2	0.1	0.2	10	16	2	98	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	95	G	0	0	0	0	45	40	SND	SND	10	10	2A	2A	X			
090	Little Washita R., Grady Co.	18981	40	0.4	0.5	0.2	10	15	2	88	0	0	10	0	0	0	0	X	0	0	0	0	0	0	0	0	0	1	1	0	0	X	X	95	G	0	0	0	0	50	45	SND	SND	10	15	2A	2A	X			
090	Little Washita R., Grady Co.	18981	60	1	1.3	0.5	7	18	2	88	0	0	10	0	0	0	0	X	0	0	0	0	0.5	0	0	0	0	0.5	5	0	0	X	X	95	M	0	0	0	0	65	30	BLD	SND	10	15	2A	2A	X			
090	Little Washita R., Grady Co.	18981	80	0.8	0.2	0.1	8	18	0	100	0	0	0	0	0	0	0	X	0	0	0	0	0	2	0	0	0	1	10	0	10	X	X	95	M	0	0	0	0	60	40	SND	SND	10	10	2A	2A	X			
090	Little Washita R., Grady Co.	18981	100	0.1	0.2	0.1	10	18	0	100	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	X	X	95	M	0	0	0	0	35	50	SND	SND	15	10	1A	1B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Little Washita R., Grady Co.	18981	120	0.2	0.5	0.5	8	18	0	90	0	0	0	0	10	0	0	0	X	0	0	2	1	0	0	0	0	0	0	0	0	X	X	75	M	0	50	0	4	20	60	SND	SND	20	5	1A	2B	X			
090	Little Washita R., Grady Co.	18981	140	0.1	0.2	0.1	11	18	0	100	0	0	0	0	0	0	0	0	X	0	0	1	1	0	0	0	0	0	0	0	0	X	X	75	M	0	50	0	4	20	70	SND	SND	30	5	1A	2B	X			
090	Little Washita R., Grady Co.	18981	160	0.2	0.1	0.1	12	18	0	95	0	0	0	0	5	0	0	0	X	0	0	1	1	0	0	0	0	0	0	0	0	X	X	90	M	0	20	0	4	40	70	SND	SND	30	2	1A	2B	X			
090	Little Washita R., Grady Co.	18981	180	0.1	0.2	0.1	12	19	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	10	X	X	90	M	0	0	0	0	50	70	SND	SND	30	2	1A	2B	X			
090	Little Washita R., Grady Co.	18981	200	0.1	0.1	0.1	11	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	5	0	0	95	M	0	0	0	0	55	70	SND	SND	35	2	1A	2B	X			
090	Little Washita R., Grady Co.	18981	220	0.1	0.1	0.1	12	15	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	0	0	95	M	0	0	0	0	65	75	SND	SND	40	2	1A	2B	X			
090	Little Washita R., Grady Co.	18981	240	0.1	0.2	0.2	8	18	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	10	X	X	95	M	0	0	0	0	60	75	SND	SND	40	2	1A	2B	X			
090	Little Washita R., Grady Co.	18981	260	0.5	1.7	1.4	7	19	0	90	0	0	0	0	0	10	0	X	0	0	1	0	0	0	0	0	0	0	0	0	15	X	X	75	M	0	40	0	4	35	75	SND	SND	40	5	1A	1B	X			
090	Little Washita R., Grady Co.	18981	280	0.1	0.3	0.3	8	18	0	100	0	0	0	0	0	0	0	0	X	0	1	0	0	0	0	0	0	0	0	0	25	X	X	75	M	0	40	0	3.8	25	80	SND	SND	50	10	1A	1B	X			
090	Little Washita R., Grady Co.	18981	300	0.1	0.1	0.1	12	20	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0	0	0	10	X	X	75	M	0	25	0	3.6	35	45	SND	SND	5	5	1A	1B	X			
090	Little Washita R., Grady Co.	18981	320	0.4	0.8	0.4	6	25	0	100	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	X	X	85	S	0	0	0	0	35	30	SND	SND	40	10	1A	1B	X			
090	Little Washita R., Grady Co.	18981	340	0.5	0.3	0.1	4	23	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	50	S	80	0	3.1	0	85	20	SND	SND	30	40	1A	1B	X			
090	Little Washita R., Grady Co.	18981	360	0.1	0.2	0.1	9	18	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	80	S	20	0	3.1	0	80	25	SND	SND	15	40	1A	1A	X			
090	Little Washita R., Grady Co.	18981	380	0.1	0.1	0.1	10	15	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	90	S	0	0	0	0	70	35	SND	SND	10	50	1A	1A	X			
090	Little Washita R., Grady Co.	18981	400	0.1	0.1	0.1	9	15	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	0	0	95	S	0	0	0	0	70	35	SND	SND	15	50	1A	1A	X			
090	Little Washita R., Caddo Co.	23118	20	0.3	0.3	0.3	2	7	0	10	65	10	0	0	0	15	X	0	0	0	0	1	0.5	0	0	0	0	0	40	10	10	0	X	50	G	10	0	0.5	0	50	75			10	0			X			
090	Little Washita R., Caddo Co.	23118	40	0.3	0.3	0.3	5	9	10	0	70	20	0	0	0	0	0	0	X	0	0.5	0.5	1	0	0	0	0	0	25	10	35	0	X	70	M	100	0	4	0	80	80			5	10			X			
090	Little Washita R., Caddo Co.	23118	60	0.6	0.6	0.7	7	10	45	5	50	0	0	0	0	0	0	X	0	0	1	0.5	0	0	0	0	0	0.1	15	0	1	0	X	75	M	100	10	6	1	55	80			5	15			X			
090	Little Washita R., Caddo Co.	23118	80	0.2	0.1	0.1	3	8	15	0	80	0	0	0	0	5	X	0	0	0	0	1	0.5	0.5	0	0	0	0.5	20	5	60	X	X	70	M	100	15	8	0.5	40	85			15	20			X			
090	Little Washita R., Caddo Co.	23118	100	0.3	0.4	0.5	4	7	80	0	5	0	0	0	0	15	0	X	X	0	0	0.5	0	0	0	0	0	0	15	0	70	X	X	70	M	20	0	1	0	30	70			30	25			X			
090	Little Washita R., Caddo Co.	23118	120	0.3	0.2	0.1	4	8	15	0	85	0	0	0	0	0	X	0	0	0	0	0.1	0	0	1.5	0	0	0	5	45	75	0	X	75	M	0	20	0	0.5	50	65			40	40			X			
090	Little Washita R., Caddo Co.	23118	140	0.5	0.3	0.2	5	8	90	0	0	0	0	0	10	0	0	0	X	0	1	1	0.3	0.5	0	0	0	0.2	2	0	40	X	X	65	M	80	50	0.5	8	80	30			40	10			X			
090	Little Washita R., Caddo Co.	23118	160	0.2	0.2	0	4	7	75	0	25	0	0	0	0	0	0	0	X	0	1	0.5	0	0	0	0	0	0.5	5	0	15	X	X	60	M	20	100	0.5	10	85	50			40	10			X			
090	Little Washita R., Caddo Co.	23118	180	0.4	0.2	0.3	5	7	35	0	5	0	0	0	0	60	0	X	0	0	0.5	0.5	0	0.5	0	0	0	0	5	0	5	0	X	75	M	0	0	0	0	80	60			50	50			X			
090	Little Washita R., Caddo Co.	23118	200	0.8	0.8	0.9	3	7	10	0	70	0	0	0	20	0	0	0	X	0	2	3	0.5	0.5	0	0	0	0.5	1	0	5	0	X	90	M	0	0	0	0	85	85			50	20			X			
090	Little Washita R., Caddo Co.	23118	220	0.3	0.5	0.4	6	8	80	0	15	0	0	0	5	0	0	X	0	0	0.5	1	0	0.5	0	0	0	0.5	2	0	5	0	X	85	M	0	0	0	0	85	85			10	10			X			
090	Little Washita R., Caddo Co.	23118	240	0.5	0.3	0.2	6	8	50	0	50	0	0	0	0	0	0	X	0	0	0.5	0	0	0.5	0	0	0	0.2	1	0	25	0	X	70	M	0	0	0	0	85	80			50	50			X			
090	Little Washita R., Caddo Co.	23118	260	0.6	0.5	0.5	6	8	100	0	0	0	0	0	0	0	0	X	X	0	0	0.5	0.2	0.1	0	0	0	0.1	0	0	55	0	X	65	M	0	0	0	0	80	50			50	50			X			
090	Little Washita R., Caddo Co.	23118	280	0.2	0.2	0.2	5	10	10	0	75	0	0	0	0	15	0	0	X	0	0	0.5	0	0	0	0	0	0.3	2	0	50	0	X	80	M	0	0	0	0	65	80			30	20			X			
090	Little Washita R., Caddo Co.	23118	300	1	0.3	0.4	5	6	0	10	80	0	0	0	10	0	0	X	X	0	0.5	5	1	0.5	0	0	0	0	2	0	80	X	X	55	M	10	85	0.5	1	45	80			40	10			X			
090	Little Washita R., Caddo Co.	23118	320	0.5	0.4	0.4	6	10	10	5	0	0	0	0	0	85	0	X	X	0	0.5	0.5	0	0.5	0	0	0	0	0	0	70	0	X	80	M	0	20	0	1	70	88			30	30			X			
090	Little Washita R., Caddo Co.	23118	340	0.6	0.4	0.3	6	7	90	0	10	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0	0.2	0	0	70	0	X	90	M	60	10	6	0	80	80			5	40			X			
090	Little Washita R., Caddo Co.	23118	360	0.3	0.2	0.2	6	11	20	0	80	0	0	0	0	0	0	X	0	0	0	0	0.5	0	0	0	0	0.1	5	0	75	0	X	70	M	50	10	3	0.5	85	70			10	50			X			
090	Little Washita R., Caddo Co.	23118	380	0.3	0.2	0.2	6	7	90	0	10	0	0	0	0	0	0	0	X	0	0	0.5	0	0	0	0	0	0	3	0	80	X	X	70	M	70	0	1	0	80	55			10	25			X			
090	Little Washita R., Caddo Co.	23118	400	0.2	0.1	0.2	6	7	85	10	0	0	0	0	0	5	0	X	X	0	0	0	0	0	0	0	0	0	2	0	80	X	X	80	M	5	5	0.5	0.5	60	85			10	50			X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Washita River # 466	23907	20	0.4	0.5	0.5	10	13	10	80	0	5	5	0	0	0	0	0	X	0	0	1	1	0.5	0	0	0	0.5	7	0	0	0	X	50	G	0	5	0	0.5	60	75			30	15	2B	2B	X			
090	Washita River # 466	23907	40	0.6	0.6	0.6	12	15	20	40	5	10	25	0	0	0	0	0	X	0	0	0.5	1	0	0	0	0	0	15	0	75	0	X	40	G	0	0	0	0	70	70			15	10	2C	2C	X			
090	Washita River # 466	23907	60	0.4	1	0.9	11	13	30	60	5	0	0	0	5	0	0	X	X	0	1	5	10	2	0	0	0	0	15	0	5	X	X	40	M	20	0	2	0	85	70			15	15	2B	2B	X			
090	Washita River # 466	23907	80	0.4	0.3	0.7	10	11	50	40	0	0	0	0	10	0	0	0	X	0	0	3	2	2	0	0	0	0	5	0	10	X	X	40	M	5	2	1	0.5	80	75			20	20	1C	1C	X			
090	Washita River # 466	23907	100	0.5	0.4	0.5	14	16	50	50	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0.5	0	0	0	0	0	0	10	0	X	45	M	0	15	0	1	75	80			25	20	1B	1B	X			
090	Washita River # 466	23907	120	0.8	0.6	0.5	10	12	50	35	10	0	0	0	5	0	0	X	X	0	0	10	5	5	0	0	0	0	15	0	5	X	X	50	M	0	0	0	0	70	60			25	15	1B	2B	X			
090	Washita River # 466	23907	140	0.4	0.6	0.5	11	12	60	40	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	1	0	0	0	0	0.5	0	15	0	X	55	M	0	0	0	0	65	80			25	20	1B	1B	X			
090	Washita River # 466	23907	160	0.4	0.4	0.4	10	12	35	65	0	0	0	0	0	0	0	0	X	0	0	1	0.5	0	0	0	0	0.5	0	0	10	X	X	60	M	0	0	0	0	70	70			15	15	2C	2C	X			
090	Washita River # 466	23907	180	0.6	0.4	0.3	11	12	25	70	0	0	0	0	5	0	0	0	X	0	0	0.5	1	0.5	0	0	0	0	0	0	1	X	X	45	M	5	0	1	0	75	65			10	10	2B	2B	X			
090	Washita River # 466	23907	200	0.4	0.4	0.6	9	14	40	55	0	0	0	0	3	2	0	X	X	0	0	1	1	0	0	0	0	0	0	0	2	X	X	50	M	0	0	0	0	75	65			5	5	2C	2C	X			
090	Washita River # 466	23907	220	0.4	0.6	0.6	7	13	30	65	2	0	0	1	2	0	0	0	X	0	0.5	0	1	1	0	0	0	0	0.5	0	35	X	X	50	M	0	0	0	0	60	80			10	10	2B	2B	X			
090	Washita River # 466	23907	240	0.4	0.5	0.7	9	14	20	75	0	0	0	0	5	0	0	0	X	0	0	2	2	1	0	0	0	0	0	0	5	X	X	65	G	0	0	0	0	70	80			5	5	2B	2B	X			
090	Washita River # 466	23907	260	0.6	0.7	0.9	8	13	15	80	0	0	0	0	5	0	0	0	X	0	0	5	10	1	0	0	0	0	0	0	5	X	X	60	G	0	5	0	1	65	80			10	15	2B	2B	X			
090	Washita River # 466	23907	280	0.4	0.6	0.7	8	10	20	80	0	0	0	0	0	0	0	0	X	0	0.5	2	2	2	0	0	0	0	0	0	20	X	X	60	G	0	0	0	0	75	70			5	20	2B	1B	X			
090	Washita River # 466	23907	300	0.9	1.1	1.2	15	16	30	65	0	0	0	0	5	0	0	X	X	0	0	0.5	0.5	1	0	0	0	0	0	0	0	X	X	60	G	0	0	0	0	80	80			5	20	2C	2B	X			
090	Washita River # 466	23907	320	0.5	0.5	0.4	15	16	50	50	0	0	0	0	0	0	0	X	X	0	0	0.5	0.5	0	0	0	0	0	0	0	0	X	X	50	G	0	0	0	0	80	70			5	25	2C	2B	X			
090	Washita River # 466	23907	340	0.5	0.5	0.3	12	15	50	50	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0	0	0	2	X	X	40	G	5	0	1	0	80	75			5	10	2C	2C	X			
090	Washita River # 466	23907	360	0.7	0.5	0.3	10	15	50	30	5	0	0	0	0	15	0	0	X	0	0	0.5	0.5	0	0	0	0	0	0.5	0	2	X	X	45	G	10	0	2	0	75	70			5	15	2B	2B	X			
090	Washita River # 466	23907	380	0.5	0.4	0.4	0.4	15	16	50	10	25	5	0	0	5	0	0	X	0	0.5	0.5	0.5	0	0	0	0	0	3	0	0	X	X	50	G	20	0	2	0	80	65			5	15	2B	2B	X			
090	Washita River # 466	23907	400	0.5	0.4	0.1	15	16	25	70	5	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0	2	0	1	X	X	45	G	0	0	0	0	80	70			5	20	2B	2C	X			
090	Willow Creek	18795	20	0.1	0.2	0.3	2	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	60	G	0	0	0	0	40	40	SND	SND	25	20	1B	2B	X			
090	Willow Creek	18795	40	0.2	0.1	0.1	4	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	50	M	0	0	0	0	50	40	SND	SND	25	25	1B	1B	X			
090	Willow Creek	18795	60	0.5	0.5	0.5	4	9	0	100	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	20	X	X	50	M	0	0	0	0	50	45	SND	SND	25	25	1B	1B	X			
090	Willow Creek	18795	80	0.1	0.25	0.1	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	50	0	0	25	M	0	0	0	0	60	50	SND	SND	25	25	1B	1B	X			
090	Willow Creek	18795	100	0.1	0.1	0.1	5	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	60	X	X	25	M	0	0	0	0	45	40	SND	SND	20	30	1B	1B	X			
090	Willow Creek	18795	120	0.1	0.1	0.1	3	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	60	X	X	40	S	0	0	0	0	75	35	SND	SND	20	25	1B	1B	X			
090	Willow Creek	18795	140	0.1	0.1	0.1	5	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	80	X	X	40	T	0	0	0	0	75	35	SND	SND	25	25	1B	1B	X			
090	Willow Creek	18795	160	0.1	0.1	0.1	3	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	0	0	0	40	X	X	40	M	0	0	0	0	45	45	SND	SND	25	25	1B	1B	X			
090	Willow Creek	18795	180	0.1	0.1	0.1	5	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	20	X	X	30	S	0	0	0	0	50	45	SND	SND	25	20	1B	1B	X			
090	Willow Creek	18795	200	0.1	0.1	0.1	4	7	0	100	0	0	0	0	0	0	0	0	X	0	0	1	0	0	0	0	0	0	0	0	70	0	0	50	G	0	0	0	0	70	40	SND	SND	25	20	1B	1B	X			
090	Willow Creek	18795	220	0.1	0.1	0.1	4	7	0	100	0	0	0	0	0	0	0	0	X	0	0.5	0.5	0	0	0	0	0	0.5	0	0	40	X	X	70	G	0	0	0	0	60	45	SND	SND	20	20	1B	1B	X			
090	Willow Creek	18795	240	0.1	0.1	0.1	4	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	50	X	X	60	M	0	0	0	0	45	50	SND	SND	25	25	1B	1B	X			
090	Willow Creek	18795	260	0.2	0.2	0.2	1	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	4	0	0	40	X	X	30	M	0	0	0	0	45	60	SND	SND	20	20	1B	1B	X			
090	Willow Creek	18795	280	0.1	0.1	0.1	3	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	X	X	60	G	0	0	0	0	40	45	SND	SND	0	0	2B	2B	X			
090	Willow Creek	18795	300	0.1	0.1	0.1	3	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	0	0	80	G	0	0	0	0	50	45	SND	SND	0	0	2B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Willow Creek	18795	320	0.1	0.1	0.1	4	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	2	0	0	0	0	0	90	G	0	0	0	0	50	45	SND	SND	0	0	2B	2B	X			
090	Willow Creek	18795	340	0.1	0.1	0.1	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	X	X	80	G	0	0	0	0	50	45	SND	SND	0	0	2B	2B	X			
090	Willow Creek	18795	360	0.1	0.1	0.1	3	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	0	0	70	G	0	0	0	0	50	45	SND	SND	0	0	2B	2B	X			
090	Willow Creek	18795	380	0.1	0.1	0.1	3	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	0	0	90	G	0	0	0	0	50	45	SND	SND	0	0	2B	2B	X			
090	Willow Creek	18795	400	0.1	0.1	0.1	3	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	0	0	90	G	0	0	0	0	50	45	SND	SND	0	0	2B	2B	X			
090	West Mud Creek	19354	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	20	0	0	80	M	60	15	0.5	0.5	55	50	SLT	SLT	17	30	1B	1B	X			
090	West Mud Creek	19354	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	65	0	0	80	M	35	10	0.5	0.5	65	55	SLT	SLT	15	25	1C	1C	0	55	2	1
090	West Mud Creek	19354	60	0.1	0.2	0.1	3.5	5	65	0	0	0	0	0	35	0	0	X	0	0	0	5	30	0	0	0	0	0	0	0	70	0	X	40	M	65	100	1	1.25	35	50	SLT	SLT	25	20	1C	1C	0	60	0	1
090	West Mud Creek	19354	80	0.2	0.3	0.4	3	5	80	0	0	0	0	0	10	10	0	X	0	0	0	3	15	0	0	0	0	0	0	0	65	X	X	75	M	15	100	0.75	100	55	45	SLT	SLT	30	25	1B	1C	0	10		1
090	West Mud Creek	19354	100	0.2	0.2	0.1	5	8	90	0	0	0	0	0	10	0	0	X	0	0	0	0.5	6	0	0	0	0	0	0	0	45	X	X	70	M	60	50	1	0.75	50	50	SLT	SLT	35	50	1C	1B	0	50		1
090	West Mud Creek	19354	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	55	0	0	65	M	100	60	0.75	0.5	35	50	SLT	SLT	40	50	1C	1B	0	20	2	1
090	West Mud Creek	19354	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	40	0	0	65	G	20	30	0.5	0.5	35	50	SLT	SLT	5	50	2B	1B	0		1	1
090	West Mud Creek	19354	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	35	0	0	85	M	40	10	0.5	0.5	65	35	SLT	SLT	10	50	1B	1B	X			
090	West Mud Creek	19354	180	0.1	0.2	0.1	0.5	6	60	0	0	0	0	0	40	0	0	X	0	0	0	3	20	0	0	0	0	0	0	0	50	X	X	70	M	100	45	1	0.25	50	35	SLT	SLT	15	50	1C	1B	0	100	2	1
090	West Mud Creek	19354	200	0.1	0.1	0.1	1	5	40	0	0	0	0	0	60	0	0	X	0	0	0	2	35	0	0	0	0	0	0	0	45	0	X	80	M	60	0	0.25	0	40	30	SLT	SLT	5	50	1C	1B	0	50	1	
090	West Mud Creek	19354	220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	15	0	0	80	M	100	5	0.5	0.25	45	25	SLT	SLT	4	50	1C	1B	0	15	2	
090	West Mud Creek	19354	240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	45	0	0	75	M	80	10	0.75	0.5	40	45	SLT	SLT	10	50	1C	1B	0	40	1	
090	West Mud Creek	19354	260	0.4	0.4	3	4	5	55	0	0	0	0	0	45	0	0	X	0	0	0	1	35	0	0	0	0	0	0	0	65	0	0	70	M	30	35	0.5	0.75	35	40	SLT	SLT	15	50	1C	1B	0	65	1	1
090	West Mud Creek	19354	280	0.1	0.1	0.1	2.5	4	60	0	0	0	0	0	40	0	0	X	0	0	0	4	35	0	0	0	0	0	0	0	70	0	0	70	M	45	35	0.5	0.25	55	40	SLT	SLT	30	50	1C	1B	0	40	1	
090	West Mud Creek	19354	300	0.1	0.1	0.1	6	6.5	70	0	0	0	0	0	30	0	0	X	0	0	0	0	25	0	0	0	0	0	0	0	65	0	X	75	M	30	80	0.5	0.75	55	50	SLT	SLT	50	50	1B	1B	0	50	2	1
090	West Mud Creek	19354	320	0.1	0.1	0.1	1.5	4	85	0	0	0	0	0	15	0	0	X	0	0	0	0	7	0	0	0	0	0	0	0	60	X	X	80	M	80	40	0.75	0.5	45	45	SLT	SLT	45	50	1B	1B	0	15	1	
090	West Mud Creek	19354	340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	70	0	0	80	M	90	60	0.5	1.5	45	50	SLT	SLT	20	50	1C	1B	0	15		1
090	West Mud Creek	19354	360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	20	0	0	85	M	100	25	0.75	0.5	40	55	SLT	SLT	5	50	1B	1B	0	60		
090	West Mud Creek	19354	380	0.1	0.1	0.1	0.5	3	95	0	0	0	0	0	5	0	0	X	0	0	0	1	3	0	0	0	0	0	0	0	20	X	X	80	M	100	10	1	0.25	55	50	SLT	SLT	15	50	1B	1B	0	5		
090	West Mud Creek	19354	400	0.3	0.3	0.3	3	5	80	0	0	0	0	0	20	0	0	X	0	0	0	7	3	0	0	0	0	0	0	0	50	0	X	60	M	100	10	2	0.25	55	50	SLT	SLT	5	50	1C	1B	0	5	1	
090	Dry Creek	23110	20	0.1	0.1	0.1	2	5	5	80	0	5	0	0	10	0	0	X	X	0	0.5	0.5	1	1.5	0	0	0	0	3	0	25	0	0	75	M	25	0	3	0	80	75			10	0	1B		X			
090	Dry Creek	23110	40	0.1	0.1	0.1	4	6	10	85	0	0	0	0	5	0	0	0	X	0	0	0	0.5	0	0	0	0	0	2	0	75	X	X	70	M	0	40	0	1	80	75			10	0	1B		X			
090	Dry Creek	23110	60	0.1	0.1	0.1	4	7	0	90	0	0	0	0	10	0	0	0	X	0	0	0	0.5	1.5	0	0	0	0	0	0	70	X	X	60	M	0	40	0	1.5	80	85			10	0	1B		X			
090	Dry Creek	23110	80	0.1	0.1	0.1	4	8	10	80	0	0	0	0	10	0	0	0	X	0	0	0.5	1.5	0.5	0	0	0	0	0	0	20	X	X	80	M	25	0	1	0	80	80			10	0	1B		X			
090	Dry Creek	23110	100	0.1	0.1	0.1	4	7	5	90	0	0	0	0	5	0	0	0	X	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	80	X	X	70	M	0	50	0	0.5	75	80			10	0	1B		X			
090	Dry Creek	23110	120	0.2	0.3	0.2	2	7	10	60	0	10	10	0	10	0	0	X	0	0	1	0.5	1	1.5	0	0	0	0	2	0	60	X	X	75	M	0	0	0	0	85	80			10	0	1B		X			
090	Dry Creek	23110	140	0.2	0.3	0.2	2	6	30	60	0	0	0	0	10	0	0	X	0	0	0.5	0	1	1	0	0	0	0	4	0	40	X	X	70	M	0	0	0	0	70	75			10	0	1B		X			
090	Dry Creek	23110	160	0.1	0.1	0.2	3	8	5	85	0	0	0	0	10	0	X	X	0	0	0	0.5	2	1	0	0	0	0	2.5	10	80	X	X	65	M	50	10	0.5	1	75	70			10	0	1B		X			
090	Dry Creek	23110	180	0.1	0.1	0.1	3	8	10	70	0	10	10	0	0	0	X	X	0	0	0	0.5	1	1	0	0	0	0	5	5	60	X	X	60	T	0	75	0	2.5	70	85			10	0	1B		X			
090	Dry Creek	23110	200	0.1	0.1	0.1	4	6	0	85	0	0	0	0	5	10	0	0	X	0	0	1.5	1.5	1	0	0	0	0	2	0	30	0	0	65	M	60	0	1.5	0	80	75			10	0	1B		X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Dry Creek	23110	220	0.1	0.2	0.1	4	7	5	75	10	0	0	0	10	0	0	X	X	0	0	0	0.5	0.5	0	0	0	0	1	0	85	0	0	50		75	25	1.5	1.5	85	80			10	0	1B		X			
090	Dry Creek	23110	240	0.1	0.1	0.1	3	7	0	75	0	0	0	0	10	15	0	X	X	0	0	0	1	1.5	0	0	0	0	5	0	75	0	0	70	M	25	0	0.5	0	80	80			10	0	1B		X			
090	Dry Creek	23110	260	0.1	0.1	0.1	4	7	5	90	0	0	0	0	5	0	0	0	X	0	0	0	0.5	1	0	0	0	0	1	0	65	0	0	70	M	50	0	1	0	85	75			10	0	1B		X			
090	Dry Creek	23110	280	0.1	0.1	0.1	3	8	5	90	0	0	0	0	5	0	0	0	X	0	0	0.5	0.5	0.5	0	0	0	0	0	0	55	X	X	65	M	0	60	0	0.5	85	80			10	0	1B		X			
090	Dry Creek	23110	300	0.1	0.1	0.1	5	7	10	85	0	0	0	0	5	0	0	0	X	0	0	0	0.5	0.5	0	0	0	0	0	0	65	X	X	55	T	25	25	2.5	3	80	75			10	0	1B		X			
090	Dry Creek	23110	320	0.5	0.7	0.4	6	7	10	65	0	5	5	0	15	0	0	X	0	0	0.5	0	0.5	0.5	0	0	0	0	6	0	45	0	0	40	T	50	90	1	3.5	80	80			10	0	1B		X			
090	Dry Creek	23110	340	0.1	0.6	0.1	7	8	25	40	0	0	15	0	20	0	0	X	0	0	0	1	2	1	0	0	0	0	10	0	35	0	0	80	M	15	0	0.5	0	75	70			10	0	1B		X			
090	Dry Creek	23110	360	0.1	0.1	0.1	7	9	5	90	0	0	0	0	5	0	0	X	X	0	0	1.5	1.5	1	0	0	0	0	2.5	0	40	X	X	60	M	0	0	0	0	75	80			5	0	1B		X			
090	Dry Creek	23110	380	0.1	0.1	0.1	4	7	0	25	0	0	0	0	75	0	0	0	X	0	0	0.5	0.5	0.5	0	0	0	0	0	0	35	0	0	75	T	20	0	0.5	0	80	75			5	0	1B		X			
090	Dry Creek	23110	400	0.1	0.1	0.2	3	7	5	80	0	0	0	0	15	0	0	X	X	0	0.5	0.5	1.5	2.5	0	0	0	0	0	0	70	X	X	70	T	0	0	0	0	75	80			3	0	1B		X			
090	Whiskey Creek	18792	20	0.1	0	0.1	2	12	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	1	5	0	0	X	X	80	M	0	0	0	0	45	60	SND	SND	30	40	2A	2A	X			
090	Whiskey Creek	18792	40	0.1	0.1	0.1	5	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0	0	0	0	0	0.5	0	0	10	X	X	85	M	0	0	0	0	70	75	SND	SND	30	40	1A	1A	X			
090	Whiskey Creek	18792	60	0.1	0.1	0.1	4	7	0	100	0	0	0	0	0	0	0	0	X	0	0	1	0.5	0	0	0	0	0	0	0	40	X	X	90	M	0	0	0	0	80	85	SND	SND	30	40	1A	1A	X			
090	Whiskey Creek	18792	80	0.1	0.1	0.1	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	25	X	X	90	M	0	5	0	0	80	85	SND	SND	30	40	1A	1A	X			
090	Whiskey Creek	18792	100	0.1	0.1	0.1	3	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	15	X	X	80	M	20	0	2.5	0	80	45	SND	SND	30	40	1A	1A	X			
090	Whiskey Creek	18792	120	0.1	0.1	1.5	3	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0.5	0	0	0	X	X	85	M	10	0	2.5	0	80	45	SND	SND	30	40	1A	1A	X			
090	Whiskey Creek	18792	140	0.1	0.1	0.1	3	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	90	M	10	0	2.5	0.5	70	60	SND	SND	30	40	1A	1A	X			
090	Whiskey Creek	18792	160	0.1	0.1	0.1	4	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0.5	0	0	0	X	X	90	M	0	0	0	0	60	60	SND	SND	40	40	1A	1A	X			
090	Whiskey Creek	18792	180	0.1	0.1	0.1	2	5	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	90	M	0	0	0	0	60	60	SND	SND	40	40	1A	1A	X			
090	Whiskey Creek	18792	200	0.3	0.7	0.3	4	8	0	100	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	70	M	0	10	0	0	65	85	SND	SND	40	40	1A	1A	X			
090	Whiskey Creek	18792	220	0.1	0.1	0.1	2	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	70	M	0	10	0	0	60	80	SND	SND	40	40	1A	1A	X			
090	Whiskey Creek	18792	240	0.2	0.5	0.3	3	7	0	100	0	0	0	0	0	0	0	X	0	0	0	0	0.5	0	0	0	0	0.5	0	0	0	X	X	85	M	0	0	0	0	50	60	SND	SND	30	15	1A	1A	X			
090	Whiskey Creek	18792	260	0.1	0.1	0.1	3	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0	0	0	0	X	X	90	M	10	0	3	2	70	50	SND	SND	20	20	1A	1A	X			
090	Whiskey Creek	18792	280	0.1	0.15	0.2	2	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	75	M	10	0	3	2	75	60	SND	SND	30	20	1A	1A	X			
090	Whiskey Creek	18792	300	0.3	0.5	0.3	3	10	0	100	0	0	0	0	0	0	0	X	0	0	0	0.5	0.5	0	0	0	0	0.5	0	0	0	X	X	70	M	0	0	0	0	80	65	SND	SND	20	20	1A	1A	X			
090	Whiskey Creek	18792	320	0.2	0.1	0.1	4	9	0	100	0	0	0	0	0	0	0	0	X	0	0.5	0.5	0.5	0.5	0	0	0	0.5	0	0	0	X	X	80	M	10	0	3	0	80	70	SND	SND	20	30	1A	1A	X			
090	Whiskey Creek	18792	340	0.15	0.15	0.1	3	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0.5	0	0	0	X	X	90	M	0	0	3	0	85	50	SND	SND	20	10	1A	2A	X			
090	Whiskey Creek	18792	360	0.1	0.1	0.1	3	12	0	100	0	0	0	0	0	0	0	0	X	0	0	1	0.5	0	0	0	0	0.5	0	0	0	X	X	70	M	10	10	0	0	80	80	SND	SND	10	10	1A	1A	X			
090	Whiskey Creek	18792	380	0.1	0.1	0.1	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0.5	0	0	0	X	X	90	M	10	10	2	2	65	70	SND	SND	20	10	1A	2A	X			
090	Whiskey Creek	18792	400	0.1	0.1	0.1	3	10	0	100	0	0	0	0	0	0	0	0	X	0	0	2	1	0	0	0	0	0.5	0	0	0	X	X	90	M	0	0	1	1	65	70	SND	SND	5	10	1A	2A	X			
090	Cottonwood Ck, Comanche Co.	18796	20	0.1	0.2	0.2	2	7	2	88	0	10	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	0	5	0	20	X	X	85	M	0	0	0	0	70	40	SND	SND	5	20	1B	2A	X			
090	Cottonwood Ck, Comanche Co.	18796	40	0.1	0.1	0.1	4	6	2	98	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	60	X	X	85	M	0	0	0	0	60	60	SND	SND	20	25	1A	1A	X			
090	Cottonwood Ck, Comanche Co.	18796	60	0.1	0.1	0.1	2	6	0	95	5	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	0.5	0	0	50	X	X	80	M	0	0	0	0	65	45	SND	SND	30	30	1A	1A	X			
090	Cottonwood Ck, Comanche Co.	18796	80	0.1	0.2	0.1	2	6	0	95	5	0	0	0	0	0	X	0	0	0	0	0	1	0	0	0	0	0	0	90	45	X	X	85	M	0	0	0	0	45	45	SND	SND	25	40	1A	1A	X			
090	Cottonwood Ck, Comanche Co.	18796	100	0.1	0.1	0.1	2	7	0	95	5	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	30	X	X	75	M	0	0	0	0	60	50	SND	SND	25	30	1A	1A	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Cottonwood Ck, Comanche Co.	18796	120	0.1	0.2	0.1	3	8	0	90	5	0	0	0	0	5	0	0	X	0	0	0	0	0	0	0	0	0	0	0	50	X	X	50	M	50	40	1	1.3	65	70	SND	SND	25	35	1A	1A	X			
090	Cottonwood Ck, Comanche Co.	18796	140	0.2	0.15	0.1	2	8	2	90	8	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0.5	0	0	30	X	X	75	M	0	0	0	0	50	45	SND	SND	25	30	1A	1A	X			
090	Cottonwood Ck, Comanche Co.	18796	160	0.1	0.2	0.2	3	6	2	95	3	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0.5	0	0	5	X	X	80	M	0	0	0	0	45	65	SND	SND	30	20	1A	1A	X			
090	Cottonwood Ck, Comanche Co.	18796	180	0.1	0.1	0.1	4	8	0	95	5	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	95	20	X	X	80	M	0	0	0	0	45	45	SND	SND	30	15	1A	1A	X			
090	Cottonwood Ck, Comanche Co.	18796	200	0.2	0.3	0.1	3	7	2	75	0	0	0	0	0	23	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	5	0	X	60	M	0	75	0	2	40	80	SND	HPC	30	5	1B	1B	X			
090	Cottonwood Ck, Comanche Co.	18796	220	0.2	0.2	0.4	3	8	2	98	0	0	0	0	0	0	0	X	0	0	0	1	1	0	0	0	0	0.5	0	0	15	0	X	80	M	0	0	0	0	45	40	SND	SND	30	15	1B	2B	X			
090	Cottonwood Ck, Comanche Co.	18796	240	0.3	0.5	0.2	3	6	2	95	3	0	0	0	0	0	0	X	0	0	0	0.5	0.5	0	0	0	0	0.5	0	0	10	0	X	85	M	0	0	0	0	40	50	SND	SND	20	15	1B	2B	X			
090	Cottonwood Ck, Comanche Co.	18796	260	0.1	0.1	0.1	3	6	2	95	3	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	20	0	X	90	M	0	0	0	0	60	55	SND	SND	25	10	1A	2B	X			
090	Cottonwood Ck, Comanche Co.	18796	280	0.15	0.15	0.15	3	5	2	98	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	25	0	X	90	M	0	0	0	0	50	60	SND	SND	15	10	2B	2B	X			
090	Cottonwood Ck, Comanche Co.	18796	300	0.1	0.2	0.2	2	5	2	93	0	0	0	0	0	5	0	0	X	0	0	0	0	0	0	0	0	1	0	0	25	0	X	90	M	0	0	0	0	55	60	SND	SND	15	15	1B	2B	X			
090	Cottonwood Ck, Comanche Co.	18796	320	0.1	0.1	0.1	2	5	1	95	4	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	20	0	X	90	M	0	0	0	0	50	45	SND	SND	15	15	1B	1B	X			
090	Cottonwood Ck, Comanche Co.	18796	340	0.1	0.1	0.1	2	6	0	95	5	0	0	0	0	0	X	0	0	0	0	1	1	0	0	0	0	0	0	0	5	0	X	90	M	0	0	0	0	45	50	SND	SND	10	20	2B	1A	X			
090	Cottonwood Ck, Comanche Co.	18796	360	0.1	0.1	0.1	2	6	0	85	10	0	0	0	0	5	X	0	0	0	0	0	0	0	0	0	0	0	0	0	75	0	X	85	M	0	0	0	0	50	40	HPC	SND	8	30	1B	1B	X			
090	Cottonwood Ck, Comanche Co.	18796	380	0.1	0.1	0.1	3	7	0	80	15	0	0	0	0	5	X	0	0	0	0	0	0	0	0	0	0	0	0	0	90	X	X	60	M	0	0	0	0	75	45	SND	SND	8	40	1B	2B	X			
090	Cottonwood Ck, Comanche Co.	18796	400	0.1	0.1	0.1	3	7	0	90	10	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	75	X	X	50	M	0	0	0	0	80	40	SND	SND	12	35	1B	1B	X			
090	Tahoe Creek	18797	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0							X			
090	Tahoe Creek	18797	20	0.3	0.4	0.4	5	12	0	0	60	30	0	10	0	0	X	0	0	0	2	0	0	1	0	0	0	0.5	20	5	60	X	X	90	M	0	0	0	0	65	60	SND/GRV	GRVL/SND	40	10	1A	2A	X			
090	Tahoe Creek	18797	40	0.3	0.5	0.4	9	12	0	20	0	0	0	80	0	0	0	0	X	0	0	0	0	0.75	0	0	0.5	0	10	0	40	X	X	90	M	0	0	0	0	70	50	SND	GRVL/SND	40	15	1A	2A	X			
090	Tahoe Creek	18797	60	0.1	0.2	0.1	3	10	0	0	10	10	0	80	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	15	X	X	95	M	0	0	0	0	75	45	BRK/SND	SND	50	10	1A	2A	X			
090	Tahoe Creek	18797	80	0.3	0.5	0.2	9	14	0	10	10	10	0	70	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	5	X	X	95	M	5	0	2	0	75	50	SND	SND	50	10	1A	2A	X			
090	Tahoe Creek	18797	100	0.2	0.2	0.2	9	10	0	0	0	0	0	100	0	0	X	0	0	0	0	0	0	0	0	0	0	1.5	0	0	5	0	0	95	M	0	0	0	0	60	70	BRK	SND	50	30	1A	1A	X			
090	Tahoe Creek	18797	120	0.3	0.2	0.2	12	14	0	0	0	0	0	100	0	0	0	0	X	0	0	0	0	0	0	0	0.5	1	0	0	10	0	0	95	M	0	0	0	0	70	60	BRK	SND	50	50	1A	1A	X			
090	Tahoe Creek	18797	140	0.4	0.6	0.4	10	12	0	10	0	0	0	90	0	0	0	X	X	0	1	0	0	0	0	0	0.5	0.5	0	0	30	X	X	90	M	10	0	3	0	80	50	BRK/SND	SND	50	50	1A	1A	X			
090	Tahoe Creek	18797	160	0.2	0.3	0.2	8	12	0	10	10	0	0	80	0	0	0	0	X	0	0	0	0.5	0.5	0	0	0	0.5	0	0	5	X	X	85	M	0	0	0	0	85	45	BRK	SND	50	50	1A	1A	X			
090	Tahoe Creek	18797	180	0.3	0.3	0.2	9	11	0	0	40	20	0	40	0	0	X	0	0	0	1	0	0	0.5	0	0	0	0.5	45	5	30	X	X	80	M	0	0	0	0	85	40	BRK	SND	50	50	1A	1A	X			
090	Tahoe Creek	18797	200	0.2	0.2	0.2	10	12	0	10	10	0	0	80	0	0	0	0	X	0	2	0	0	1	0	0	0	0	10	0	70	X	X	90	M	0	0	0	0	70	40	SND	SND	50	50	1A	1A	X			
090	Tahoe Creek	18797	220	0.2	0.4	0.3	10	12	0	0	0	0	0	100	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	50	X	X	95	M	0	0	0	0	60	50	SND	SND	50	40	1A	1A	X			
090	Tahoe Creek	18797	240	0.2	0.1	0.1	7	10	0	0	0	0	0	100	0	0	X	0	0	0	0	0	0	0	0	0	0	0.5	0	0	60	0	X	95	M	0	0	0	0	55	50	BRK	BRK	50	30	1A	2A	X			
090	Tahoe Creek	18797	260	0.2	0.3	0.1	9	12	0	0	0	0	0	100	0	0	0	0	X	0	0	0.5	0.5	0.5	0	0	0	0	0	0	45	0	X	95	M	0	0	0	0	50	65	SND	BRK	40		1A	2A	X			
090	Tahoe Creek	18797	280	0.2	0.4	0.2	9	14	0	0	0	0	0	100	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	30	0	X	95	M	0	0	0	0	55	65	SND	BRK/SND	30		1A	2A	X			
090	Tahoe Creek	18797	300	0.3	0.5	0.2	8	12	0	0	0	0	0	100	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	25	0	X	80	M	0	0	0	0	45	70	SND	BRK	20		1A	2A	X			
090	Tahoe Creek	18797	320	0.1	0.1	0.1	6	10	0	0	0	0	0	100	0	0	X	0	0	0	0	0	0	0	0	0	0	1	0	0	20	0	X	85	M	0	0	0	0	30	80	SND	BRK	10		1A	2A	X			
090	Tahoe Creek	18797	340	0.1	0.1	0.1	10	12	0	0	0	0	0	100	0	0	X	0	0	0	0	0	0	0.5	0	0	0	0.5	0	0	15	0	X	90	M	0	0	0	0	30	65	SND	BRK	20	10	1A	2A	X			
090	Tahoe Creek	18797	360	0.2	0.2	0.2	6	14	0	0	0	0	0	100	0	0	X	0	0	0	0.5	0	0	1	0	0	0	0.5	0	0	15	0	0	90	M	0	0	0	0	30	40	SND	SND		20	2A	1A	X			
090	Tahoe Creek	18797	380	0.1	0.3	0.1	6	16	0	0	0	0	0	100	0	0	0	0	X	0	1.5	0	0	1	0	0	0	0	0	0	10	0	0	90	M	0	0	0	0	45	35	BRK	SND	10	30	2A	1A	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Tahoe Creek	18797	400	0.1	0.3	0.1	8	14	0	0	0	0	0	100	0	0	0	0	X	0	1	0	0	10	0	0	0	1	0	0	10	0	0	90	M	0	0	0	0	40	35	BRK	SND		40	2A	1A	X			
090	Blue Beaver Creek	18986	20	0.1	0.1	0.1	0.75	11	0	20	60	20	0	0	0	0	X	X	0	0	0.25	0	0.25	0.25	0	3	0	1	35	40	55	X	X	60	M	0	50	0	0.5	30	40	GRV	GRVL	5	15	2B	2B	X			
090	Blue Beaver Creek	18986	40	0.3	0.4	0.3	4	12	0	30	25	35	10	0	0	0	0	X	0	0	0	0	0	0.25	0	0	0	1	75	0	30	X	0	60	M	0	0	0	0	35	30	GRV	GRVL	30	15	2C	2B	X			
090	Blue Beaver Creek	18986	60	0.7	0.2	0.3	7	9	0	70	10	15	5	0	0	0	0	X	0	0	0.5	0	0	0	0	0	0	0.5	45	0	15	X	X	70	G	5	0	0.25	0	35	25	GRV	GRVL	35	15	1B	2B	X			
090	Blue Beaver Creek	18986	80	0.8	0.5	0.2	11	15	0	55	20	15	10	0	0	0	0	X	0	0	1	0	0	2	1	0	2	1.5	25	0	12	X	0	80	G	5	0	0.25	0	45	30	GRV	GRVL	35	15	1A	1B	X			
090	Blue Beaver Creek	18986	100	0.2	0.1	0.2	12	14	0	20	60	0	10	0	10	0	0	X	0	0	0.5	0.25	0.5	1	0	0	2	1.5	65	0	15	0	X	75	M	15	0	1	0	50	25	SLT	SLT	5	20	1B	1B	X			
090	Blue Beaver Creek	18986	120	0.3	0.3	0.4	2	8	0	20	55	0	10	10	5	0	0	X	0	0	0	0	0.25	0.5	0.25	0	2	1	80	0	15	X	X	85	M	30	0	0.75	0	45	20	SND	GRVL	2	25	1C	1B	X			
090	Blue Beaver Creek	18986	140	0.3	0.4	0.5	3	5	0	15	60	0	0	0	25	0	0	X	0	0	0	0	1	0	0	0.5	1.5	1	90	0	5	X	0	90	M	0	15	0	0.25	35	35	SND	SND	5	30	1C	1B	X			
090	Blue Beaver Creek	18986	160	0.8	1	0.8	5	8	0	20	20	0	0	50	10	0	0	X	0	0	3.5	0	0	2	3	0	0	1.5	10	0	10	0	0	98	M	2	2	0.25	0.25	40	35	SND	SND	2	30	2B	1B	X			
090	Blue Beaver Creek	18986	180	0.2	0	0.6	7	10	0	40	35	5	0	10	10	0	0	X	0	0	0.5	1	4	1	0	0	0	2	65	0	50	X	X	95	M	10	30	0.5	0.5	55	35	SND	GRVL	10	30	2B	1B	X			
090	Blue Beaver Creek	18986	200	0.1	0.3	0.2	5	10	0	10	60	10	0	0	20	0	0	X	0	0	0.25	0	0.25	0.5	0	0	0	0.5	85	0	12	X	X	80	M	0	10	0	0.25	35	40	GRV	SND	5	50	2B	1B	X			
090	Blue Beaver Creek	18986	220	0.2	0.3	0.4	7	11	0	30	60	0	0	0	10	0	0	X	0	0	1	0.5	0	2	0	0	0	1	70	0	35	X	0	95	M	0	15	0	0.25	25	55	GRV	SLT	5	50	2B	1A	X			
090	Blue Beaver Creek	18986	240	0.4	0.5	0.3	5	9	0	30	15	10	0	20	25	0	0	X	0	0	0	1	2	1	1	0	0	5	15	0	30	X	X	80	M	30	0	0.5	0	35	55	GRV	SLT		30	2B	1A	X			
090	Blue Beaver Creek	18986	260	0.1	0	0.3	3	14	0	60	40	0	0	0	0	0	0	X	0	0	1	0	0.25	1	0	0	0	2	30	0	20	X	X	90	M	10	0	0.25	0	60	45	SND	SND	5	30	2B	1A	X			
090	Blue Beaver Creek	18986	280	0.1	0.1	0.7	15	16	0	60	15	0	0	10	15	0	0	X	0	0	2	2	3	2	0	0	0	1	10	0	17	X	0	90	M	10	0	0.5	0	45	65	SND	SND	3	20	2B	1B	X			
090	Blue Beaver Creek	18986	300	0.1	0.1	0	6	18	0	60	30	0	0	0	10	0	0	X	0	0	0	0	1	0.25	0.5	0	0	0.5	15	0	12	X	X	75	M	0	60	0	1	50	65	SND	SND	15	10	1B	1B	X			
090	Blue Beaver Creek	18986	320	0.1	0	0.1	5	17	0	61	35	0	0	0	5	0	0	X	0	0	1.5	0	0	0.5	0	0	0	0.5	20	0	60	X	X	75	M	5	80	0.5	1	55	75	SND	SND	15	2	1B	2C	X			
090	Blue Beaver Creek	18986	340	0.1	0.2	0.2	5	18	0	50	40	0	0	0	10	0	0	X	0	0	3	0	0	2	0	0	0	0.25	55	0	65	X	X	80	M	15	60	0.5	1	65	25	SND	GRVL	15		1B	2C	X			
090	Blue Beaver Creek	18986	360	0.3	0.2	0.2	5	18	10	55	10	0	0	0	15	0	0	X	0	0	0.5	0	5	0.5	0	0	0	0.5	20	0	60	X	X	80	M	35	0	0.5	0	80	25	SND	GRVL	15	10	1B	1B	X			
090	Blue Beaver Creek	18986	380	0.2	0.1	0.1	16	17	0	75	10	0	15	0	0	0	0	X	0	0	3	0.5	0	3	0	0	0	0	15	0	10	X	X	80	M	5	10	0.5	0.5	85	40	SND	SND	15	15	1B	1B	X			
090	Blue Beaver Creek	18986	400	0.6	0.8	0.6	9	11	0	65	15	0	0	0	20	0	0	X	0	0	0.5	0	3	1.5	0	0	0	0	20	0	60	X	0	85	M	15	0	0.5	0	85	30	SND	SND	10	25	1B	1B	X			
090	Brush Creek	19353	20	0.4	0.6	0.3	14	14.5	90	0	0	0	0	0	10	0	0	X	0	0	0.5	2	1	0.25	0	0	0	0.25	0	0	12	0	X	80	G	15	15	0.5	0.75	70	65	SLT	HPC	0	5	2B	2B	0	10	2	2
090	Brush Creek	19353	40	0.3	0.4	0.3	16	17	95	0	0	0	0	0	5	0	0	X	0	0	1.5	0.5	0.25	0.25	0	0	0	0.25	0	0	3	0	X	70	G	50	60	0.25	1	65	60	SLT	SLT	0	0	2B	2B	0	30	2	1
090	Brush Creek	19353	60	0.1	0.2	0.1	4	13	75	0	15	0	0	0	10	0	0	X	0	0	2	0.25	0.5	0	0	0	1	0	1	0	1	X	X	55	G	10	100	0.25	0.75	35	70	SLT	SND	0	0	2C	2C	0	50	0	2
090	Brush Creek	19353	80	0.2	0.3	0.2	5	11	95	0	0	0	0	0	5	0	0	X	0	0	0	0	0	0	0	0	1.5	0	5	0	4	X	X	50	G	50	100	0.25	0.75	50	45	SLT	SLT	0	0	2C	2C	0	80	3	4
090	Brush Creek	19353	100	0.1	0.1	0.1	6	9	95	0	0	0	0	0	5	0	0	X	0	0	0	0	0	0	0	0	4	0	0	0	1	X	X	45	G	100	60	0.5	1	50	40	SLT	SLT	0	0	2B	2B	0	20	2	1
090	Brush Creek	19353	120	0.1	0.2	0.1	5	8	90	0	0	0	0	0	0	10	0	X	0	0	0	0	0.25	0	0	0	0.25	0	0	0	0.5	0	X	60	G	90	100	0.5	1	65	65	SLT	SLT	0	0	2B	2B	0	10		
090	Brush Creek	19353	140	0.1	0.1	0.1	6	8	98	0	2	0	0	0	0	0	0	X	0	0	0	0	0.25	0	0	0	0.25	0	0	0	0	0	0	75	G	75	95	0.25	0.5	45	45	SLT	SLT	1	0	2B	2B	0	35		2
090	Brush Creek	19353	160	0.1	0.1	0.1	6	8	95	0	0	0	0	0	5	0	0	X	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	X	75	G	90	50	0.25	0.5	45	50	Si/C	Si/C	0	0	2B	2B	0	50	1	1
090	Brush Creek	19353	180	0.1	0.1	0.1	3	9	95	0	0	0	0	0	5	0	0	X	0	0	0	0	0.25	0	0	0	0	0	0	0	0	X	X	80	G	100	30	0.5	0.5	40	55	Si/C	Si/C	0	0	2B	2C	0	60	1	1
090	Brush Creek	19353	200	0.1	0.1	0.1	5	10	98	0	0	0	0	0	2	0	0	X	0	0	0	0	0.5	0	0	0	0	0	0.25	0	0	0	X	65	G	100	30	0.75	0.75	50	50	Si/C	Si/C	0	0	2B	2B	0	80		2
090	Brush Creek	19353	220	0.1	0.1	0.1	4	7	98	0	0	0	0	0	2	0	0	X	0	0	0	0	0.5	0	0	0	0	0	0	0	0	X	X	65	G	40	40	0.75	1	40	45	HPC	SLT	0	0	2B	2B	0	85	1	2
090	Brush Creek	19353	240	0.1	0.2	0.1	3	6	90	0	5	0	0	0	5	0	0	X	0	0	0	2	0.25	0	0	0	0	0	3	0	0	0	0	85	G	15	20	0.5	0.25	40	30	SLT	SLT	0	0	2C	2B	0	50	2	3
090	Brush Creek	19353	260	0.1	0.2	0.1	3	5	95	0	0	0	0	0	5	0	0	X	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	X	80	G	15	15	0.5	0.5	45	30	SLT	HPC	0	0	2B	2B	0	35	1	4
090	Brush Creek	19353	280	0.1	0.1	0.1	2	7	90	0	10	0	0	0	0	0	0	X	0	0	0	0	0.25	0	0	0	0	0	3	0	0	X	X	85	G	5	10	0.5	0.25	45	25	SLT	SLT	0	0	2B	2B	0	65	1	2

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Brush Creek	19353	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	G	5	15	0.5	1	40	45	SLT	HPC	0	0	2B	2B	0	50	6	3
090	Brush Creek	19353	320	0.1	0.2	0.1	2	6	90	0	10	0	0	0	0	0	0	X	0	0	0	0	0	0.5	0	0	0	0	15	0	12	X	X	75	G	10	40	0.25	1	45	65	Si/C	SLT/CLY	0	0	2C	2B	0	60	4	1
090	Brush Creek	19353	340	0.1	0.1	0.1	1.5	3	90	0	5	0	0	0	5	0	0	X	0	0	0	0	0	0	0	0	0	0	15	0	30	X	X	65	G	15	50	0.25	0.5	45	65	GRV	SLT	0	0	2B	1B	0	10	1	1
090	Brush Creek	19353	360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	3	0	0	85	G	5	60	0.25	0.75	45	50	SLT	SLT	0	25	2B	1B	0	15	5	1
090	Brush Creek	19353	380	0.1	0.1	0.1	0.5	6	80	0	0	0	0	0	20	0	0	X	0	0	0	0	0	0	0	0	0	12	0	0	1	X	X	85	G	5	25	0.25	0.75	50	35	SLT	SLT	0	10	2B	1B	0	5	0	1
090	Brush Creek	19353	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	90	G	20	5	0.5	0.25	40	30	SLT	SLT	0	0	2B	2B	0	25	2	1
090	Stinking Creek	23114	20	0.1	0.1	0.1	7	8	0	0	20	65	0	0	15	10	X	X	0	0	0	0.5	1.5	0	0	0	0	0.5	10	25	15	X	X	80	M	0	0	0	0	50	60			0	0	3C	3C	X			
090	Stinking Creek	23114	40	0.1	0.1	0.1	4	8	5	25	60	0	0	0	0	10	X	0	0	0	0	0	1	0.5	0	0	0	0.5	20	40	10	X	X	80	M	20	0	2	0	70	70			0	0	3C	3C	X			
090	Stinking Creek	23114	60	0.2	0.2	0.1	6	7	10	0	65	0	0	0	0	25	X	X	0	0	0	0	1.5	0.5	0	0	0	0.5	8	0	5	X	X	85	G	50	0	0.5	0	75	75			0	0	3C	3C	X			
090	Stinking Creek	23114	80	0.2	0.1	0.1	6	7	30	50	0	0	0	0	0	20	0	X	0	0	0	0	1	0.5	0	0	0	1	0	0	20	0	0	75	M	30	0	1.5	0	80	75			0	0	3C	3C	X			
090	Stinking Creek	23114	100	0.3	0.3	0.3	6	7	25	60	0	0	0	0	0	15	0	X	0	0	0	0	0.5	0.5	0	0	0	0.5	0	0	15	0	0	70	M	40	30	1	1	80	80			0	0	3C	3C	X			
090	Stinking Creek	23114	120	0.1	0.3	0.3	6	8	50	0	0	0	0	0	20	30	0	X	0	0	0	0.5	0.5	0	0	0	0	0.5	0	0	10	0	0	70	M	30	50	1.5	1	75	85			0	0	3C	3C	X			
090	Stinking Creek	23114	140	0.3	0.2	0.2	6	6	60	0	0	0	0	0	0	40	0	X	0	0	0	0	1.5	0.5	0	0	0	0.5	0	0	10	0	0	70	M	30	0	1.5	0	75	75			0	0	3C	3C	X			
090	Stinking Creek	23114	160	0.2	0.2	0.2	6	8	30	0	0	0	0	0	0	70	0	X	0	0	0	0	1	0	0	0	0	1	0	0	5	0	0	65	M	0	0	0	0	85	70			0	0	3C	3C	X			
090	Stinking Creek	23114	180	0.4	0.4	0.4	7	8	75	0	0	0	0	0	0	25	0	X	0	0	0.5	0	0.5	0	0	0	0	0.5	0	0	10	0	0	70	M	35	0	1.5	0	80	80			0	0	3C	3C	X			
090	Stinking Creek	23114	200	0.2	0.3	0.1	8	8	70	10	0	0	0	0	0	20	0	X	0	0	0.5	0.5	1.5	0	0	0	0	0	0	0	15	0	0	70	M	20	0	1.5	0	85	80			0	0	3C	3C	X			
090	Stinking Creek	23114	220	0.2	0.2	0.2	8	8	45	0	0	0	0	0	10	45	0	X	0	0	0	0	1	0.5	0	0	0	0.5	0	0	20	0	0	80	M	0	5	0	1	80	80			0	0	3C	3C	X			
090	Stinking Creek	23114	240	0.1	0.1	0.1	8	10	0	0	0	0	0	0	0	100	0	0	X	0	0	0	0	0.5	0	0	0	0.5	0	0	10	0	0	70	M	20	10	1	1	75	80			0	0	3C	3C	X			
090	Stinking Creek	23114	260	0.1	0.2	0.3	6	6	50	0	10	0	0	0	0	40	0	0	X	0	0	0	0.5	0.5	0	0	0	2.5	0.5	0	20	0	0	75	M	40	0	1	0	75	80			0	0	3C	3C	X			
090	Stinking Creek	23114	280	0.2	0.2	0.2	6	7	30	0	0	0	0	0	0	70	0	0	X	0	0	0	0.5	0.5	0	0	0	1.5	0	0	10	0	0	80	M	40	0	0.5	0	70	80			0	0	3C	3C	X			
090	Stinking Creek	23114	300	0.2	0.3	0.2	7	8	55	0	0	0	0	0	0	45	0	0	X	0	0.5	0	0.5	0	0	0	0	0.5	0	0	10	0	0	80	M	45	0	1.5	0	80	75			0	0	3C	3C	X			
090	Stinking Creek	23114	320	0.3	0.3	0.2	6	8	20	0	0	0	0	0	10	70	0	0	X	0	0	0	0.5	0	0	0	0	0.5	0	0	5	0	0	70	M	75	0	1.5	0	75	80			0	0	3C	3C	X			
090	Stinking Creek	23114	340	0.2	0.3	0.2	6	7	100	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0.5	0	5	0	0	70	M	20	0	0.5	0	80	75			0	0	C3	3C	X			
090	Stinking Creek	23114	360	0.3	0.4	0.3	6	10	90	0	0	0	0	0	10	0	0	0	X	0	0.5	0	0.5	0	0	0	0	0.5	0.5	0	5	0	0	75	M	0	75	0	1.5	85	80			0	0	3C	3C	X			
090	Stinking Creek	23114	380	0.1	0.1	0.2	7	11	70	0	25	0	0	0	5	0	0	0	X	0	0	0	0.5	0	0	0	0	0.5	1	0	5	0	0	65	M	60	3	50	0.5	70	80			0	0	3C	3C	0	50	1	1
090	Stinking Creek	23114	400	0.4	0.4	0.3	7	9	65	0	25	0	0	0	0	10	0	0	X	0	0.5	0	0.5	0	0	0	0	1	1	0	5	0	0	65	M	60	0	1	0	75	70			0	0	C3	3C	0	10	0	1
090	Tepee Creek	23117	20	0.9	1.6	0.8	8	10	1	79	10	0	0	0	0	10	0	X	0	0	2	1	1	2	0	0	0	0	0	0	85	0	X	80	T	0	0	0	0	65	75			10	50	1B	1B	X			
090	Tepee Creek	23117	40	1	1.7	1.6	8	10	2	80	10	0	0	0	0	8	0	X	0	0	1	5	3	2	0	0	0	0	0	0	85	0	X	80	T	0	0	0	0	75	85			10	50	2B	1B	X			
090	Tepee Creek	23117	60	1	1.7	1.5	10	12	2	75	8	0	0	0	0	15	0	X	0	0	1	5	3	1	0	0	0	0	0	0	80	0	X	80	T	0	0	0	0	75	80			10	50	2B	1B	X			
090	Tepee Creek	23117	80	0.6	0.7	0.8	9	11	2	70	20	0	0	0	0	8	0	X	0	0	0	0	0	1	0	0	0	0	0	0	80	0	X	60	T	0	0	0	0	65	80			20	50	2B	2B	X			
090	Tepee Creek	23117	100	0.9	1.2	1.1	8	10	2	65	15	0	0	0	0	18	0	X	0	0	0	0	0	1	0	0	0	0	0	0	50	0	X	60	T	0	0	0	0	75	75			50	50	2B	2B	X			
090	Tepee Creek	23117	120	1.2	1	0.9	8	10	10	70	10	0	0	0	0	10	0	X	0	0	0	5	2	1	0	0	0	0	0	0	90	0	X	50	T	0	0	0	0	70	70			50	50	2B	2B	X			
090	Tepee Creek	23117	140	1.3	1.6	1.8	9	11	10	45	5	0	0	0	0	40	0	X	0	0	2	1	1	1	0	0	0	0	0	0	85	0	X	75	T	0	0	0	0	80	75			50	50	2B	2B	X			
090	Tepee Creek	23117	160	1.4	1.7	1.6	8	10	10	45	5	0	0	0	0	40	0	X	0	0	2	1	1	1	0	0	0	0	0	0	75	0	X	90	T	0	0	0	0	75	70			50	50	2B	2B	X			
090	Tepee Creek	23117	180	1.3	1.6	1.3	8	10	10	35	15	0	0	0	0	40	0	X	0	0	1	1	1	1	0	0	0	0	0	0	30	0	X	50	T	0	100	0	3	75	80			50	50	2B	1B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Tepee Creek	23117	200	0.9	0.7	0.5	9	11	5	55	25	0	0	0	0	15	0	X	0	0	1	1	1	1	0	0	0	0	0	0	60	0	X	70	T	0	0	0	0	75	75			50	50	2B	1B	X			
090	Tepee Creek	23117	220	1.3	1.4	1.4	8	10	25	65	5	0	0	0	0	5	0	X	0	0	1	0	1	1	0	0	0	0	0	0	75	0	X	75	T	0	0	0	0	80	80			50	50	2B	1B	X			
090	Tepee Creek	23117	240	0.9	0.8	0.7	9	11	5	70	20	0	0	0	0	5	0	X	0	0	1	0	0	0	0	0	0	0	0	0	50	0	X	70	T	0	0	0	0	80	75			50	50	2B	2B	X			
090	Tepee Creek	23117	260	0.7	0.8	0.7	8	10	5	50	25	0	0	0	0	20	0	X	0	0	0	5	5	0	0	0	0	0	0	0	50	0	X	50	T	0	0	0	0	70	75			50	50	2B	1B	X			
090	Tepee Creek	23117	280	1.2	1	0.6	8	10	5	60	25	0	0	0	0	10	0	X	0	0	1	1	1	1	0	0	0	0	0	0	60	0	X	50	T	0	0	0	0	85	80			50	50	2B	1B	X			
090	Tepee Creek	23117	300	1.3	1.6	1	8	10	10	55	20	0	0	0	0	15	0	X	0	0	1	1	1	1	0	0	0	0	0	0	90	0	X	60	T	0	0	0	0	65	85			50	50	2B	1B	X			
090	Tepee Creek	23117	320	0.9	1.2	0.9	7	10	10	55	25	0	0	0	0	10	0	X	0	0	1	1	1	1	0	0	0	0	0	0	75	0	X	50	T	0	0	0	0	65	80			50	50	2B	1B	X			
090	Tepee Creek	23117	340	0.7	0.7	0.7	8	10	5	50	15	0	0	0	0	30	0	X	0	0	0	0	5	0	0	0	0	0	0	0	30	0	X	60	T	0	0	0	0	65	80			50	50	2B	1B	X			
090	Tepee Creek	23117	360	0.7	0.8	0.9	8	10	5	60	15	0	0	0	0	20	0	X	0	0	0	0	0	0	0	0	0	0	0	0	80	0	X	50	T	0	0	0	0	80	85			50	50	2B	1B	X			
090	Tepee Creek	23117	380	0.6	0.8	0.9	8	11	5	60	15	0	0	0	0	20	0	X	0	0	0	2	0	0	0	0	0	0	0	0	70	0	X	60	T	0	0	0	0	70	80			50	50	2B	1B	X			
090	Tepee Creek	23117	400	0.6	0.4	0.3	8	10	5	60	15	0	0	0	0	20	0	X	0	0	0	1	1	0	0	0	0	0	0	0	85	0	X	60	T	0	0	0	0	80	85			50	50	2B	1B	X			
090	West Otter Creek	18987	20	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	35	0	X	50	G	20	0	3	0	15	35	C	C	0	0	2C	2C	X			
090	West Otter Creek	18987	40	0.1	0.1	0.1	2.5	10	10	65	5	0	0	0	20	0	0	X	0	0	0	4	3	0	0	0	0	0	2	0	45	X	X	90	M	30	0	0.5	0	30	25	SLT	SLT	10	15	1B	1B	X			
090	West Otter Creek	18987	60	0.3	0.4	0.2	4	8	35	40	10	0	0	0	15	0	0	X	0	0	0	3	8	0	0	0	0	0	5	0	85	X	X	85	M	90	0	0.75	0	45	25	C	SND	50	40	1A	1B	X			
090	West Otter Creek	18987	80	0.3	0.4	0.3	7	8	10	15	0	0	0	0	40	35	0	X	0	0	0	10	5	0	0	0	0	0	6	0	75	0	0	65	M	100	15	2	0.5	50	50	C	SND	50	50	1A	1A	X			
090	West Otter Creek	18987	100	0.4	0.9	0.5	7	8	30	15	5	0	0	0	20	30	0	X	0	0	0	15	15	0	0	0	0	0	10	0	45	0	0	60	M	100	10	2.5	0.5	45	50	HPC	SLT	15	45	1B	1B	X			
090	West Otter Creek	18987	120	0.2	0.2	0.2	7	9	20	60	10	0	0	0	10	0	0	X	0	0	0	0	4	0	3	0	0	0	2	0	90	0	X	65	M	100	5	2.5	0.5	50	45	C	SND	10	50	1B	1B	X			
090	West Otter Creek	18987	140	0.5	1	0.5	5	7	35	40	0	0	0	0	25	0	0	X	0	0	1	5	5	1.5	0	0	0	0	0	0	75	X	0	80	M	15	15	0.5	0.5	30	55	SLT	SND	30	35	1A	1A	X			
090	West Otter Creek	18987	160	0.4	0.7	0.4	5	6.5	10	50	10	0	0	0	15	15	0	X	0	0	1	2	1	0	0	0	0	0	3	0	70	X	0	75	M	15	30	0.5	0.5	35	40	SND	C	30	15	1B	1A	X			
090	West Otter Creek	18987	180	0.1	0.2	0.1	4	11	20	70	0	0	0	0	10	0	0	X	0	0	0	1	5	0	0	0	0	0	0	0	85	X	X	85	M	10	15	0.5	0.75	40	50	SLT	SND	20	25	1B	1B	X			
090	West Otter Creek	18987	200	0.4	0.5	0.4	4	8	0	45	0	0	0	0	25	30	0	X	0	0	0	6	10	0	3	0	0	0	2	0	30	X	X	85	M	65	20	1.5	0.75	55	30	HPC	SND	15	20	1B	1B	X			
090	West Otter Creek	18987	220	0.5	1	0.7	5.5	8	10	25	0	0	0	0	20	45	0	X	0	0	0	0	2	0	4	0	0	0	0	0	65	0	X	85	M	50	0	0.5	0	0	0	HPC	SND	10	20	1B	1B	X			
090	West Otter Creek	18987	240	0.4	0.5	0.2	4	10	30	45	15	0	0	0	10	0	0	X	0	0	0	3	4	0	4	0	0	0	1	0	90	X	0	70	M	100	10	3	0.5	50	40	HPC	SND	10	20	1A	1A	X			
090	West Otter Creek	18987	260	0.6	0.5	0.2	7	8	0	65	10	0	0	0	15	10	0	X	0	0	0	2	3	0	0.5	0	0	0	0	0	90	X	0	85	M	50	0	1	50	40	0	SLT	SLT	15	20	1A	1A	X			
090	West Otter Creek	18987	280	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	80	0	0	90	M	10	15	0.5	0.5	45	35	SLT	SND	10	17	1B	1B	X			
090	West Otter Creek	18987	300	0.2	0.1	0.1	6	9	65	10	0	0	0	0	25	0	0	X	0	0	0	0	5	0	0	0	0	0	0	0	85	X	X	75	M	50	15	0.75	0.25	35	40	SND	SLT	15	15	1B	1B	X			
090	West Otter Creek	18987	320	0.5	1	0.5	7	8	10	0	0	0	0	0	90	0	0	X	0	0	0	15	20	0	0	0	0	0	0	0	65	0	0	75	M	10	60	1	1	55	35	SLT	SLT	25	10	1B	1B	X			
090	West Otter Creek	18987	340	0.6	1.4	1	9	10	60	0	0	0	0	0	20	20	0	X	0	0	0.5	45	50	0	0	0	0	0.25	0	0	50	0	0	75	M	35	20	1.25	1	60	65	HPC	HPC	15	20	1C	1B	X			
090	West Otter Creek	18987	360	0.1	0.3	0.1	3.5	9	40	20	0	0	0	0	40	0	0	X	0	0	0	5	10	0	0	0	0	0	0	0	80	X	0	70	M	100	30	1	0.75	65	65	SLT	SND	15	25	1C	1C	X			
090	West Otter Creek	18987	380	0.5	0.7	0.5	7	7.5	30	10	0	0	0	0	20	40	0	X	0	0	0	6	12	0	0	0	0	0	2	0	65	X	X	75	M	10	15	0.5	0.5	45	45	SLT	HPC	20	15	1B	1C	X			
090	West Otter Creek	18987	400	0.5	0.7	0.5	5	5.5	55	10	5	0	0	0	20	10	0	X	0	0	1.5	2	8	2	0	0	0	0	1	0	50	0	0	80	M	30	25	0.25	0.75	55	65	SND	SLT	15	20	1B	1C	X			
090	Little Elk Creek	23119	20	0.5	0.6	0.5	7	8	20	0	0	0	0	0	0	80	0	X	0	0	0	0.5	0.5	0	0	0	0	0	0	0	40	0	X	80	T	0	0	0	0	75	80	Si&C	SI&C	20	10	1B	2B	X			
090	Little Elk Creek	23119	40	0.7	0.8	0.5	6	8	20	0	0	0	0	0	0	80	0	X	0	0	0	0.5	0.5	0	0	0	0	0	0	0	50	0	X	70	T	0	0	0	0	80	70	Si&C	SI&C	20	15	1B	2B	X			
090	Little Elk Creek	23119	60	0.2	0.6	0.4	7	8	20	0	0	0	20	0	0	60	0	X	0	0	0	0.5	0.5	0	0	0	0	0	5	0	75	0	X	70	T	0	0	0	0	75	80	Si&C	SI&C	25	15	1B	2B	0			1
090	Little Elk Creek	23119	80	0.6	0.9	0.5	6	8	50	0	0	0	0	0	0	50	0	X	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0	50	0	X	60	T	0	0	0	0	70	75	Si&C	SI&C	25	5	1B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Little Elk Creek	23119	100	0.3	0.8	0.5	7	9	15	0	0	0	0	0	0	85	0	X	0	0	0.5	1	1	0	0	0	0	0	0	0	65	0	X	60	T	0	0	0	0	75	70	HPC	SI&C	25	5	1B	2B	X			
090	Little Elk Creek	23119	120	0.4	0.7	0.7	6	8	10	0	0	0	0	0	0	90	0	X	0	0	1	1	3	0.5	0	0	0	0	0	0	50	0	X	40	T	20	25	2.6	2.6	75	60	HPC	SI&C	20	10	2B	2B	X			
090	Little Elk Creek	23119	140	0.4	0.7	0.8	7	9	5	15	0	0	0	0	5	75	0	X	0	0	0	0	1	0.5	0	0	0	0	0	0	70	0	X	40	T	0	0	0	0	80	55	HPC	SI&C	10	15	2B	2B	X			
090	Little Elk Creek	23119	160	0.4	0.5	0.5	7	8	10	50	20	0	0	0	0	20	0	X	0	0	0	0.5	0.5	0	0	0	0	0	0	0	75	0	X	60	T	0	0	0	0	80	70	Si&C	HPC	10	10	2B	2B	X			
090	Little Elk Creek	23119	180	0.6	1	0.7	6	8	10	5	0	0	0	0	0	85	0	X	0	0	0	3	4	1	0	0	0	0	0	0	50	0	X	50	T	0	0	0	0	65	70	Si&C	HPC	15	5	2B	2B	X			
090	Little Elk Creek	23119	200	0.6	0.9	0.6	7	9	10	0	0	0	0	0	10	80	0	X	0	0	0	5	5	0	0	0	0	0	0	0	60	0	X	60	T	0	0	0	0	65	60	Si&C	HPC	10	10	2B	2B	X			
090	Little Elk Creek	23119	220	0.5	0.8	0.5	6	8	20	10	10	0	0	0	0	60	0	X	0	0	0	1	1	0	0	0	0	0	0	0	80	0	X	40	T	20	0	3	0	60	70	HPC	SI&C	10	10	2B	2B	X			
090	Little Elk Creek	23119	240	0.7	0.7	0.7	6	8	10	70	0	0	0	0	0	20	0	X	0	0	0	1	1	1	0	0	0	0	0	0	70	0	X	70	T	0	0	0	0	60	75	Si&C	SI&C	10	10	2B	2B	X			
090	Little Elk Creek	23119	260	0.5	0.9	0.5	6	8	10	80	0	0	0	0	10	0	0	X	0	0	0	2	3	1	0	0	0	0	0	0	85	0	X	50	T	0	0	0	0	65	65	Si&C	SI&C	10	5	2B	2B	X			
090	Little Elk Creek	23119	280	0.4	0.5	0.2	6	8	5	70	0	0	0	0	0	25	0	X	0	0	0	0	0	0	0	0	0	0	0	0	85	0	X	30	T	0	0	0	0	70	60	HPC	SI&C	5	10	2B	2B	X			
090	Little Elk Creek	23119	300	0.6	0.7	0.6	6	8	10	70	0	0	0	0	0	20	0	X	0	0	0	2	1	0	0	0	0	0	0	0	60	0	X	60	T	0	0	0	0	65	60	SND	SI&C	5	10	2B	2B	X			
090	Little Elk Creek	23119	320	0.4	0.7	0.5	5	8	20	50	0	0	0	0	0	30	0	X	0	0	0	1	1	0	0	0	0	0	0	0	50	0	X	30	T	30	0	2.6	0	50	70	SND	HPC	15	10	2B	2B	X			
090	Little Elk Creek	23119	340	0.3	0.4	0.2	6	8	15	60	0	0	0	0	0	25	0	X	0	0	0	0	0.5	0	0	0	0	0	0	0	40	0	X	50	T	0	0	0	0	65	70	Si&C	HPC	15	10	2B	2B	X			
090	Little Elk Creek	23119	360	0.4	0.5	0.4	5	7	10	40	0	0	0	0	0	50	0	X	0	0	0	0	0	0	0	0	0	0	0	0	10	0	X	70	T	0	0	0	0	70	55	HPC	SI&C	10	15	2B	2B	X			
090	Little Elk Creek	23119	380	0.3	0.3	0.3	6	8	5	60	20	0	0	0	5	10	0	X	0	0	0	2	2	0	0	0	0	0	0	0	90	0	X	50	T	0	0	0	0	60	45	HPC	HPC	10	15	2B	2B	X			
090	Little Elk Creek	23119	400	0.8	0.9	0.7	6	8	20	60	0	0	0	0	10	10	0	X	0	0	0	0	1	0	0	0	0	0	0	0	60	0	X	25	T	0	0	0	0	0	0	HPC	HPC	10	15	2B	2B	X			
090	Turkey Creek	19094	20	0.1	0.2	0.2	5	8	0	30	15	0	15	40	0	0	X	0	0	0	0	2	2	0	0	0	0	0.5	15	35	45	X	X	85	M	0	30	0	1.5	35	60	SND	HPC	20	10	1B	1B	X			
090	Turkey Creek	19094	40	0.4	0.3	0.1	7	10	5	85	0	0	0	0	10	0	0	X	0	0	0.25	0	0.5	0	0.5	0	0	0	35	0	55	X	X	85	M	30	30	0.5	0.5	45	45	SND	SND	25	15	1A	1A	X			
090	Turkey Creek	19094	60	0.5	0.4	0.4	6	9	10	75	0	0	0	0	15	0	0	X	0	0	0.25	0	0.5	0	0.5	0	0	1	0	0	60	X	0	80	M	70	10	0.75	0.5	50	35	SLT	SND	25	25	2A	2A	X			
090	Turkey Creek	19094	80	0.5	0.8	0.4	5	7	5	50	0	0	0	0	15	30	0	X	0	0	0	0	0.25	0.5	8	0	0	1	7	0	20	X	0	90	M	15	10	0.5	0.5	40	60	SND	SLT	30	30	2A	1A	X			
090	Turkey Creek	19094	100	0.4	0.4	0.3	7	9.5	5	75	0	0	0	0	15	5	0	X	0	0	1	0.25	0.5	0.5	4	0	0	0.5	1	0	55	X	X	90	M	7	40	0.25	1	60	75	SLT	SND	30	35	2A	1A	X			
090	Turkey Creek	19094	120	0.1	0.2	0.3	9	9.5	0	95	0	0	0	0	5	0	0	X	0	0	0.75	0	1	0.25	0	0	0	1	0.5	0	35	X	X	85	M	25	40	0.25	0.75	40	60	SND	SND	10	50	1A	1A	X			
090	Turkey Creek	19094	140	0.2	0.4	0.5	8	8	0	95	5	0	0	0	5	0	0	X	0	0	0	0	0.5	0.75	0	0	0	0.25	0	0	75	0	X	85	M	10	100	0.25	0.75	55	80	SLT	SLT	15	50	1A	1A	X			
090	Turkey Creek	19094	160	0.7	0.5	0.1	4	6.5	0	95	0	0	0	0	5	0	0	X	X	0	1	0.25	0.25	2	0	0	0	3	0	0	17	X	X	90	M	20	0	0.75	0	55	75	SLT	SND	5	50	1A	1A	X			
090	Turkey Creek	19094	180	0.3	0.4	0.4	7.5	10	0	94	0	0	0	0	6	0	0	X	0	0	0.5	0	0.5	1	0	0	0	1.5	0	0	12	X	X	85	M	15	0	1	0	55	35	SND	SND	15	15	2A	2A	X			
090	Turkey Creek	19094	200	0.2	0.1	0.2	5	6	0	80	0	0	0	10	10	0	0	0	X	0	0.25	0.5	0	1	0	0	0	0.5	0	0	8	X	X	95	M	5	10	0.5	0.5	45	50	SND	SND	20	25	1A	2A	X			
090	Turkey Creek	19094	220	0.7	0.4	0.7	4	6	0	20	15	0	5	50	10	0	X	X	0	0	0.5	0	0.25	1	12	0	0	0	2	0	20	0	X	98	M	15	0	0.25	0	60	60	SND	SND	20	15	1A	2A	X			
090	Turkey Creek	19094	240	0.4	0.4	0.3	7	8	5	20	10	0	0	55	10	0	0	X	X	0	0.25	0.25	7	0.25	20	0	0	0.5	15	0	40	0	X	98	M	0	15	0	0.5	50	55	SND	SLT	20	20	2A	2A	X			
090	Turkey Creek	19094	260	0.4	0.6	0.2	6	8	0	65	0	0	0	35	0	0	0	X	0	0	0.25	0	0.75	0.25	0	0	0	0	15	0	45	0	X	60	M	15	0	0.5	0	45	40	SND	SND	10	15	2C	2B	X			
090	Turkey Creek	19094	280	0.4	0.3	0.2	8.5	9	5	90	0	0	0	0	0	5	0	X	0	0	0.75	0	0.5	0.5	1	0	0	0	4	0	17	0	X	95	G	35	5	0.5	0.25	55	65	SLT	SND	10	15	2A	2A	X			
090	Turkey Creek	19094	300	0.1	0.4	0.4	6	9	5	45	15	5	0	0	30	0	0	X	X	0	0.25	1	4	1	0	0	0	0.75	6	0	60	X	X	75	G	50	0	0.5	0	40	50	SND	SLT	15	15	2B	2B	X			
090	Turkey Creek	19094	320	0.7	1.2	0.5	15	17	0	95	0	0	0	0	5	0	0	X	0	0	0.25	1	3.5	0.25	4	0	0	0.5	6	0	10	0	X	75	M	0	30	0	0.75	35	45	SLT	SND	17	30	2B	2A	X			
090	Turkey Creek	19094	340	0.3	0.5	0.2	2.5	3.5	0	10	10	10	30	40	0	0	X	0	0	0	0.25	0	1	0	14	0	0	0.75	4	15	6	0	0	70	M	70	100	0.5	1.5	50	75	BRK	HPC	20	25	2B	2B	X			
090	Turkey Creek	19094	360	0.7	0.3	0.4	10	13	0	90	0	0	5	0	5	0	0	X	0	0	1	0	0.25	0.5	4	0	0	0.5	35	0	15	X	X	80	G	10	30	0.25	0.75	35	45	SND	SND	25	25	2A	1A	X			
090	Turkey Creek	19094	380	0.1	0.1	0.1	0.5	3	0	0	5	0	0	95	0	0	X	0	0	0	1	0	0.25	0.5	15	0	0	0.5	20	0	15	0	X	90	M	25	15	0.5	0.5	65	45	BRK	BRK	30	30	2A	1A	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Turkey Creek	19094	400	0.1	0.3	0.1	5.5	7	0	5	10	5	0	75	5	0	0	X	X	0	0.5	0	0.25	1	20	0	0	1	30	0	17	0	X	90	M	50	5	1.25	0.25	50	55	BRK	SND	30	30	2B	1A	X			
090	Salt Fork of the Red River	23112	20	0.2	0.2	0.3	6	20	5	95	0	0	0	0	0	0	0	0	X	0	0	1	1.5	0	0	2	0	0	0	0	0	X	X	70	G	0	0	0	0	35	45			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	40	0.3	0.4	0.6	3	30	3	97	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	4	0	0	0	0	20	X	X	85	M	0	0	0	0	45	55			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	60	0.2	0.2	0.2	18	25	0	100	0	0	0	0	0	0	0	X	X	0	0	0	0	0	0	10	0	0	0	0	10	X	X	80	M	0	0	0	0	45	50			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	80	0.3	0.2	0.2	18	20	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	1	0	0	0	0	5	X	X	70	M	0	0	0	0	60	50			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	100	0.2	0.2	0.2	14	20	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	2	0	0	0	0	2	X	X	65	M	0	0	0	0	40	45			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	120	0.3	0.2	0.2	15	18	0	100	0	0	0	0	0	0	0	0	X	0	0	1	1	0	0	3	0	0	0	0	5	X	X	80	M	0	0	0	0	65	65			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	140	0.4	0.2	0.2	10	18	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	5	X	X	90	M	0	0	0	0	65	45			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	160	0.2	0.2	0.2	12	20	0	100	0	0	0	0	0	0	0	X	X	0	0	2	1	0	0	0	0	0	0	0	5	X	X	65	M	0	0	0	0	60	40			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	180	0.2	0.3	0.4	6	24	3	97	0	0	0	0	0	0	0	0	X	0	0	1	0.5	0	0	2	0	0	0	0	3	X	X	60	G	0	0	0	0	65	45			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	200	0.2	0.2	0.6	10	20	3	95	0	0	0	0	2	0	0	0	X	0	0	0	1.5	0	0	1	0	0	0	0	0	X	X	75	M	0	0	0	0	65	55			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	220	0.3	0.2	0.2	11	20	5	95	0	0	0	0	0	0	0	X	X	0	0	1	1	0	0	1	0	0	0	0	5	X	X	85	M	0	0	0	0	65	60			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	240	0.2	0.2	0.2	5	25	10	90	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	3	0	0	0	0	0	X	X	80	M	0	0	0	0	55	50			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	260	0.4	0.2	0.2	9	25	5	95	0	0	0	0	0	0	0	0	X	0	0	1	1	0	0	5	0	0	0	0	2	X	X	85	M	0	0	0	0	60	45			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	280	0.2	0.3	0.3	18	24	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	2	0	0	0	0	5	X	X	80	M	0	0	0	0	45	65			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	300	0.2	0	0.2	6	24	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	1	0	0	0	0	10	X	X	80	G	0	0	0	0	45	60			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	320	0.2	0.2	0.2	18	24	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	1	0	0	0	0	20	X	X	90	M	0	0	0	0	60	65			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	340	0.5	0.2	0.2	10	22	5	95	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	5	0	0	0	0	5	X	X	90	M	0	0	0	0	65	70			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	360	0.3	0.2	0.2	16	24	5	95	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	3	0	0	0	0	0	X	X	85	M	0	0	0	0	65	70			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	380	0.1	0.2	0.4	6	24	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	3	0	1	0	0	0	X	X	85	M	0	0	0	0	65	70			50	50	1B	1B	X			
090	Salt Fork of the Red River	23112	400	0.1	0.2	0.4	15	20	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	1	0	0	0	0	0	X	X	85	M	0	0	0	0	65	70			50	50	1B	1B	X			
090	Bitter Creek	23113	20	0.5	0.6	0.8	7	8	85	0	0	0	0	0	10	5	0	X	X	0	1	2	1	1	0	0	0	0.5	4	0	55	0	X	70	M	0	0	0	0	75	80			5	0	2C		X			
090	Bitter Creek	23113	40	0.8	0.7	0.5	5	8	80	0	0	0	0	0	15	5	0	X	X	0	1	1	1	0.5	0	0	0	0	5	0	40	0	X	50	M	5	10	1	1	75	85			0	0			X			
090	Bitter Creek	23113	60	0.4	0.5	0.4	7	8	95	0	0	0	0	0	0	5	0	0	X	0	0.5	0	0.5	0.5	0	0	0	0	1	0	10	0	X	80	M	5	0	0.5	0	80	85			0	0			X			
090	Bitter Creek	23113	80	0.5	0.7	0.5	5	5	95	0	0	0	0	0	5	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	5	0	X	95	M	0	0	0	0	80	85			0	0			X			
090	Bitter Creek	23113	100	0.7	0.5	0.4	6	7	80	0	0	0	0	0	0	20	0	0	X	0	1	0	0	0.5	0	0	0	0	7	0	8	0	X	90	M	0	5	0	1	80	80			0	0			X			
090	Bitter Creek	23113	120	0.4	0.5	0.4	6	8	85	5	0	0	0	0	0	10	0	0	X	0	0.5	0.5	1	0.5	0	0	0	0	2	0	60	0	X	90	M	0	0	0	0	80	70			0	0			X			
090	Bitter Creek	23113	140	0.6	0.5	0.5	8	10	85	0	0	0	0	0	10	5	0	X	X	0	0.5	0.5	0	0	0	0	0	0	1	0	85	0	X	80	M	0	0	0	0	85	80			0	0			X			
090	Bitter Creek	23113	160	0.4	0.3	0.5	7	10	90	0	0	0	0	0	0	10	0	0	X	0	1	0	0	1	0	0	0	0	0	0	60	0	X	75	M	0	0	0	0	85	70			0	0			X			
090	Bitter Creek	23113	180	0.7	0.4	0	10	12	90	0	0	0	0	0	5	5	0	X	X	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	40	0	X	90	M	0	5	0	0.5	80	80			0	0			X			
090	Bitter Creek	23113	200	0.4	0.3	0.2	8	9	90	0	0	0	0	0	5	5	0	0	X	0	1	3	1	1	0	0	0	0	4	0	55	0	X	85	M	0	0	0	0	85	85			0	0			X			
090	Bitter Creek	23113	220	0.2	0.3	0.3	7	8	85	5	0	0	0	0	5	5	0	0	X	0	0.5	0	1	0.5	0	0	0	0	0	0	15	0	X	90	M	0	0	0	0	88	85			0	0			X			
090	Bitter Creek	23113	240	0.3	0.3	0.2	7	8	95	0	0	0	0	0	0	5	0	0	X	0	0	0	0.5	0	0	0	0	0	1	0	2	0	X	90	M	0	0	0	0	85	85			0	0			X			
090	Bitter Creek	23113	260	0.4	0.4	0.3	10	13	80	5	0	0	0	0	15	0	0	X	X	0	0	0	0.5	0	0	0	0	0	0	0	5	0	X	95	M	0	0	0	0	85	80			0	0			X			
090	Bitter Creek	23113	280	0.3	0.4	0.3	6	9	90	0	0	0	0	0	10	0	0	0	X	0	0	0.5	1	0	0	0	0	0	1	0	35	0	X	85	M	0	0	0	0	80	80			0	0			X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Bitter Creek	23113	300	0.3	0.4	0.6	7	9	90	0	0	0	0	0	5	5	0	0	X	0	0.5	0	0.5	0.5	0	0	0	0	0	0	65	0	X	75	M	0	0	0	0	70	75			0	0			X			
090	Bitter Creek	23113	320	0.3	0.5	0.4	7	9	82	0	0	0	0	0	5	10	0	0	X	0	0.5	0	0	0.5	0	0	0	0	0	0	30	0	X	80	M	0	0	0	0	80	75			0	0			X			
090	Bitter Creek	23113	340	0.3	0.3	0.5	6	8	85	0	0	0	0	0	10	5	0	X	X	0	0.5	0.5	1	0.5	0	0	0	0	0	0	20	0	X	90	M	0	0	0	0	85	70			0	0			X			
090	Bitter Creek	23113	360	0.3	0.5	0.6	5	9	80	0	0	0	0	0	20	0	0	0	X	0	0.5	0.5	1	0.5	0	0	0	0	2	0	2	0	X	95	M	0	0	0	0	80	85			0	0			X			
090	Bitter Creek	23113	380	0.3	0.4	0.4	5	6	75	0	0	0	0	0	5	20	0	X	X	0	0.5	0.5	0	0.5	0	0	0	0	10	0	1	0	X	90	M	0	0	0	0	70	85			0	0			X			
090	Bitter Creek	23113	400	0.3	0.4	0.4	6	9	90	0	0	0	0	0	5	5	0	0	X	0	0.5	0	0	0.5	0	0	0	0	2	0	8	0	X	95	M	0	0	0	0	85	80			0	0			X			
090	Cave Creek	19367	20	0.3	0.5	0.3	11	12	15	20	20	10	15	0	10	10	0	X	0	0	4	0.5	0.25	0.25	0	0	0	0	10	0	10	0	0	40	G	0	90	0	4	55	50	RCK	HPC	0	0	2C	2D	0	50	10	1
090	Cave Creek	19367	40	0.1	0.1	0.1	4	7	10	65	15	5	0	0	5	0	0	X	0	0	5	1	0.75	3	0	0	0	0	35	0	60	X	X	45	T	100	100	3	4	35	40	SND	SND	5	2	1C	1C	0	35	2	1
090	Cave Creek	19367	60	0.2	0.5	0.8	5	8	5	0	55	20	5	0	10	5	0	X	0	0	3	0.5	1.5	3.5	0	0	0	0	40	0	75	X	0	50	T	80	95	1.5	5	40	80	SND	GRVL	5	3	1C	1C	0	50	2	1
090	Cave Creek	19367	80	0.1	0.1	0.1	2	7	0	30	50	10	0	0	10	0	X	0	0	0	10	0	0.5	3	0	0	0	0	65	20	75	X	X	50	M	70	50	2	1	35	50	SLT	GRVL	2	7	1C	1C	0	30	2	1
090	Cave Creek	19367	100	0.1	0.1	0.1	1.5	5	0	15	75	10	0	0	0	0	X	0	X	0	3.5	1	0.5	1.5	0	0	0	0	25	5	50	X	X	55	M	80	35	3	0.5	50	45	GRV	SLT	1	10	1C	1C	0	35	1	1
090	Cave Creek	19367	120	0.1	0.1	0.1	2	6	0	20	75	5	0	0	0	0	0	X	X	0	0.25	0	2	0	0	0	0	0.35	40	0	40	X	X	50	T	40	80	0.75	3	45	50	SND	SLT	10	4	2B	1C	0	10		
090	Cave Creek	19367	140	0.1	0.1	0.2	3	3.5	10	65	10	0	0	0	15	0	0	X	0	0	1	8	4	1	0	0	0	0	35	0	25	X	X	60	M	10	60	0.5	3.5	65	50	SLT	SLT	10	3	1B	2B	X			
090	Cave Creek	19367	160	0.5	0.5	0.4	4	4.5	5	50	0	20	0	0	10	15	0	X	0	0	3	0.5	0.5	2	0	0	0	0	5	0	60	X	X	45	M	55	60	0.75	1	65	70	HPC	HPC	7	4	1C	1C	0	5		1
090	Cave Creek	19367	180	0.6	0.6	0.4	3.5	3.5	45	10	20	10	0	15	0	0	0	X	0	0	5	2	3	1	2	0	0	1	15	0	40	0	0	80	M	0	80	0	0.75	70	65	SLT	SLT	4	2	2A	2B	X			
090	Cave Creek	19367	200	0.3	0.4	0.2	3	8	10	45	30	15	0	0	5	5	0	X	0	0	6	0	0	1.5	2	0	0	0.25	50	0	60	X	X	55	M	60	65	0.5	0.5	85	50	SLT	SLT	4	4	2C	1C	0	10	0	1
090	Cave Creek	19367	220	0.1	0.1	0.1	1	7	0	10	70	10	0	0	0	10	X	0	0	0	1	0	0.5	0.25	0	0	0	0	25	0	50	X	X	60	M	50	60	1	1.5	35	65	GRV	SLT	10	10	2B	2B	0	10		
090	Cave Creek	19367	240	0.1	0.1	0.1	2.5	6	20	35	45	0	0	0	0	0	0	X	0	0	0.5	0	1	0.5	0	0	0	3	65	0	20	X	0	60	M	0	100	0	1.5	30	55	SLT	HPC	15	0	2B	2B	0	5		
090	Cave Creek	19367	260	0.4	0.3	0.1	3	5.5	15	15	60	0	0	0	0	10	0	X	0	0	2	0	0.25	4	0	0	0	0	60	0	40	X	X	55	M	90	55	0.75	0.5	85	45	SLT	SND	10	5	2B	1C	0	20	5	1
090	Cave Creek	19367	280	0.1	0.2	0.1	2	7	15	70	15	0	0	0	0	0	0	X	X	0	0	0	3	0	2	0	0	1	40	0	65	X	X	55	M	90	40	1	0.5	50	45	SND	BRK	5	15	2B	1C	0			1
090	Cave Creek	19367	300	0.3	0.2	0.1	2.5	4.5	10	55	30	0	0	0	5	0	0	X	0	0	2	0	1	2	12	0	0	0	25	0	55	X	0	75	M	55	45	0.5	0.75	60	70	SND	BRK	10	20	1A	1A	X			
090	Cave Creek	19367	320	0.1	0.1	0.1	4	4	40	30	30	0	0	0	0	0	0	X	0	0	4	0	0	0.5	0	0	0	0	17	0	35	X	X	85	M	60	15	0.75	0.5	80	75	SLT	SLT	15	20	1A	1A	0	25		1
090	Cave Creek	19367	340	0.1	0.1	0.1	1.5	4	0	0	85	5	0	0	0	10	0	0	X	0	0.25	0	0.25	0	0	0	0	0	50	0	75	X	X	80	G	100	60	0.75	0.5	85	40	SLT	SLT	15	30	1B	1B	X			
090	Cave Creek	19367	360	0.1	0.1	0.1	1.5	4	0	10	50	15	10	10	5	0	X	0	0	0	0	0	1.5	0	0	0	0	0	25	7	50	X	X	80	M	15	80	0.25	0.5	45	75	GRV	SLT	10	15	1C	1C	0	5		1
090	Cave Creek	19367	380	0.3	0.2	0.2	3	3.5	15	50	20	0	0	10	5	0	0	X	0	0	12	0	0.25	3.5	0	0	0	0.25	42	0	55	0	0	85	M	30	15	0.5	1	50	55	SLT	BRK	15	20	1B	1A	X			
090	Cave Creek	19367	400	0.1	0.1	0.1	1.5	4	10	60	30	0	0	0	0	0	0	0	X	0	2	0	1.5	1	0	0	0	1.5	30	0	45	X	X	85	M	40	10	0.25	0.5	60	65	SLT	SLT	15	15	2B	1B	X			
090	Deer Creek, Greer Co.	23116	20	0.2	0.2	0.2	4	5	20	70	5	5	0	0	0	0	0	X	0	0	0	1	1	0	0	0	0	0	15	0	75	0	X	50	M	0	0	0	0	80	70	Si&C	SI&C	25	25	2B	2B	X			
090	Deer Creek, Greer Co.	23116	40	0.3	0.5	0.4	4	4	13	80	5	0	0	0	0	2	0	X	0	0	1	3	3	2	0	0	0	0.5	5	0	50	0	X	70	G	0	0	0	0	85	80	Si&C	SI&C	30	25	2B	2B	X			
090	Deer Creek, Greer Co.	23116	60	0.6	0.6	0.4	4	5	65	0	0	0	0	20	0	15	0	X	0	0	1	2	2	1	1	0	0	0	0	0	10	0	X	75	G	5	0	1	0	85	80	Si&C	SI&C	20	20	2B	2B	X			
090	Deer Creek, Greer Co.	23116	80	0.4	0.2	0.1	5	7	20	5	55	0	0	0	0	20	0	X	0	0	1	1	0	1	0	0	0	0	10	0	75	0	X	40	G	0	0	0	0	70	85	Si&C	SI&C	5	5	2B	2B	X			
090	Deer Creek, Greer Co.	23116	100	0.6	0.7	0.3	5	6	80	0	10	0	0	0	0	10	0	X	0	0	1	0	1	0	0	0	0	0.5	15	0	15	0	X	60	G	0	10	0	2	80	85	Si&C	SI&C	5	3	2B	2B	X			
090	Deer Creek, Greer Co.	23116	120	0.5	0.7	0.6	6	7	100	0	0	0	0	0	0	0	0	X	0	0	1	0	3	0	0	0	0	0	0	0	25	0	X	70	G	0	20	0	2	65	85	Si&C	SI&C	5	5	2B	2B	X			
090	Deer Creek, Greer Co.	23116	140	0.5	0.8	0.4	3	5	15	5	50	0	0	0	0	30	0	X	0	0	1	1	2	0	0	0	0	0	5	0	10	0	X	80	G	0	0	0	0	75	75	Si&C	SI&C	15	20	2B	2B	X			
090	Deer Creek, Greer Co.	23116	160	0.5	0.6	0.5	4	5	15	5	20	0	0	50	0	10	0	X	0	0	2	3	3	1	2	0	0	0	2	0	5	0	X	85	G	5	0	1	0	80	70	Si&C	SI&C	20	20	2B	2B	X			
090	Deer Creek, Greer Co.	23116	180	0.6	0.5	0.7	5	6	25	25	45	0	0	0	0	5	0	X	0	0	5	0	1	1	0	0	0	0	3	0	40	0	X	60	G	0	10	0	2	80	85	Si&C	SI&C	10	5	2B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Deer Creek, Greer Co.	23116	200	0.3	0.2	0.1	3	6	10	5	20	35	25	5	0	0	0	0	X	0	0	1	1	1	2	0	0	0	20	0	65	0	X	75	G	0	0	0	0	85	65	BRK	SI&C	5	20	2B	2B	X			
090	Deer Creek, Greer Co.	23116	220	0.3	0.3	0.1	3	5	2	3	5	20	10	60	0	0	0	X	X	0	0	3	5	1	2	0	0	2	25	0	10	0	X	80	M	0	0	0	0	80	65	BRK	SI&C	10	25	2B	2B	X			
090	Deer Creek, Greer Co.	23116	240	0.1	0.1	0.1	4	6	5	2	3	20	30	40	0	0	X	0	0	0	1	0.5	1	1	0.5	0	0	0	30	20	5	0	X	80	M	0	0	0	0	80	80	BRK	SI&C	10	40	2B	2B	X			
090	Deer Creek, Greer Co.	23116	260	0.2	0.1	0.1	4	5	10	0	5	20	50	25	0	0	0	0	X	0	0	0	1	0	0.5	0	0	0	25	0	30	0	X	80	M	0	0	0	0	75	78	Si&C	SI&C	10	30	2B	2B	X			
090	Deer Creek, Greer Co.	23116	280	0.3	0.2	0.2	3	4	25	5	60	5	0	5	0	0	0	X	0	0	0.5	0	0.5	0	0	0	0	0	20	0	5	0	X	80	G	0	0	0	0	70	80	Si&C	SI&C	15	35	2B	2B	X			
090	Deer Creek, Greer Co.	23116	300	0.1	0.3	0.2	3	4	10	5	25	0	0	60	0	0	0	X	X	0	0	0.5	1	0	2	0	0	0	20	0	5	0	X	60	M	0	0	0	0	85	70	BRK	SI&C	25	40	2B	2B	X			
090	Deer Creek, Greer Co.	23116	320	0.3	0.4	0.4	4	7	5	10	5	0	0	80	0	0	0	X	0	0	0.5	0	0	0	1	0	0	0	5	0	70	0	X	50	M	20	5	3	1	85	60	Si&C	SI&C	15	25	2B	2B	X			
090	Deer Creek, Greer Co.	23116	340	0.2	0.3	0.4	3	4	15	5	35	5	0	40	0	0	0	0	X	0	0.5	2	3	0	1	0	0	0	10	0	70	0	X	80	M	0	0	0	0	75	65	Si&C	SI&C	15	35	2B	2B	X			
090	Deer Creek, Greer Co.	23116	360	0.1	0.1	0.1	3	5	5	0	5	5	0	85	0	0	0	0	X	0	0	0.5	1	0	1	0	0	0	15	0	5	0	X	50	G	0	0	0	0	90	60	BRK	SI&C	15	40	2B	2B	X			
090	Deer Creek, Greer Co.	23116	380	0.1	0.2	0.2	2	4	10	0	0	0	0	90	0	0	0	0	X	0	0	0	0	0	2	0	0	0	5	0	5	0	X	50	M	0	0	0	0	85	70	BRK	SI&C	20	35	2B	2B	X			
090	Deer Creek, Greer Co.	23116	400	0.1	0.2	0.2	4	6	3	2	10	10	0	75	0	0	0	X	X	0	0	0	1	0	2	0	0	0	10	0	0	0	X	50	M	10	0	4	0	90	75	Si&C	SI&C	15	40	2B	2B	X			
090	Fish Creek	21308	20	0.1	0.1	0.1	4	6	75	10	15	0	0	0	0	0	0	0	X	0	0.5	0	0	0.25	0	40	2	1	10	0	7	X	X	80	M	60	30	0.5	0.75	45	35	SLT	SLT	5	5	1B	1B	X			
090	Fish Creek	21308	40	0.1	0.2	0.1	4	16	70	0	10	0	0	0	20	0	0	X	0	0	0	0	0.25	0	0	65	0.25	1	5	0	5	X	X	75	M	30	50	0.5	1	35	45	SLT	SLT	5	7	2C	2C	0	15	1	
090	Fish Creek	21308	60	0.1	0.1	0.1	2	10	60	0	15	5	0	0	20	0	X	0	0	0	1.5	0	0	1.5	0	0	1	1	25	50	30	X	0	80	M	15	30	0.5	0.75	35	30	SLT	SLT	5	7	2B	2B	0	25		1
090	Fish Creek	21308	80	0.2	0.4	0.1	2.5	7	60	0	5	10	0	0	25	0	0	X	0	0	0.25	0	0.5	1	0	30	0	0	35	0	45	0	0	50	G	40	70	0.5	0.5	30	30	SLT	SND	5	5	2D	2D	0	25		
090	Fish Creek	21308	100	0.3	0.7	1	5	18	60	0	15	0	25	0	0	0	0	X	0	0	0	0	0	1	0	35	4	1	10	0	10	0	0	75	M	80	50	0.75	0.5	25	45	SLT	SLT	7	3	2D	2D	0	50	2	1
090	Fish Creek	21308	120	0.6	0.6	0.3	5	10	75	0	10	0	0	0	15	0	0	X	0	0	0.5	0	0	2	0	20	0.5	3	5	0	7	0	X	60	M	0	100	0	2.5	35	65	SLT	SLT	12		1B	2D	0	5		
090	Fish Creek	21308	140	0.1	0.3	0.1	4	11	90	0	0	0	0	0	10	0	0	X	0	0	2	0	0.25	1	0	5	0	12	7	0	35	0	0	75	M	20	100	0.5	1.5	25	50	SLT	SLT	5	7	2B	1B	0	35	2	1
090	Fish Creek	21308	160	0.5	0.5	0.4	4.5	5.5	55	25	10	0	0	0	10	0	0	X	0	0	1.5	0	0.25	0	0	35	1.5	1.5	3	0	17	0	X	40	M	15	80	0.25	0.5	25	30	SLT	SLT			2D	2D	0	60		2
090	Fish Creek	21308	180	0.7	1	0.6	4	11	60	0	15	0	0	0	10	15	0	X	0	0	0	0	0.25	1	0	3	0	2	10	0	7	0	0	80	G	25	30	0.5	0.75	30	35	SLT	SLT			2D	2D	0	45	1	1
090	Fish Creek	21308	200	0.2	0.3	0.3	3	6	60	0	15	0	0	0	25	0	0	X	0	0	0	0	0	2	0	0	3	0.5	15	0	3	X	X	80	G	60	30	0.5	0.5	35	35	SLT	SLT	5	5	2C	2C	0	55	2	1
090	Fish Creek	21308	220	0.2	0.2	0.2	4	65	85	0	5	0	0	0	10	0	0	X	0	0	0	0	0	0	0	40	1.5	2	3	0	2	X	X	75	G	100	70	1	0.75	35	40	SND	SLT	10	15	2C	2C	0	10		
090	Fish Creek	21308	240	0.1	0.4	0.3	4	8	80	0	5	0	0	0	0	15	0	X	0	0	2	0	0	0	0	15	0.5	1	2	0	1	0	X	70	G	100	40	1.5	1	25	35	SND	SLT	10	10	2D	2C	0	30	3	3
090	Fish Creek	21308	260	0.1	0.1	0.1	1.5	7	5	45	45	0	0	0	5	0	X	0	0	0	0	0	0.5	0.5	0	15	1	1	35	45	3	X	X	65	G	100	100	1	1.5	40	35	SND	SND			2D	2D	0	100	4	2
090	Fish Creek	21308	280	0.4	0.4	0.4	3	4	60	0	5	0	0	0	30	5	0	X	0	0	1	0	0	0.5	0	45	0	1.5	7	0	4	0	X	85	G	0	40	0	0.5	55	40	SLT	SLT	5	5	2B	2B	0	10		
090	Fish Creek	21308	300	0.5	0.8	0.5	3	3.5	70	0	0	0	0	0	30	0	0	X	0	0	3	0	0	1.5	0	40	0	2	1	0	20	0	0	85	G	0	30	0	0.25	65	45	SLT	SLT	7	5	2B	2B	X			
090	Fish Creek	21308	320	1	1	0.9	4	4	50	10	10	0	0	0	30	0	0	X	0	0	3.5	0	0	1.5	0	35	0	4	4	0	17	0	0	95	G	0	0	0	0	45	45	SLT	SLT	6	6	2A	2A	X			
090	Fish Creek	21308	340	0.5	0.6	0.7	3.5	4	65	10	5	0	0	0	20	0	0	X	0	0	2	0	0	6	0	70	0.5	3	3	0	30	0	0	95	G	0	10	0	0.25	40	45	SLT	SLT	5	4	2A	2A	X			
090	Fish Creek	21308	360	0.2	0.4	0.3	2.5	3	80	0	5	0	0	0	15	0	0	X	0	0	2	0	0	3	0	100	0	5	2	0	25	0	X	90	G	5	15	0.5	0.5	45	40	SLT	SLT	4	6	2A	2B	X			
090	Fish Creek	21308	380	0.5	0.6	0.4	3	3.5	30	0	35	0	0	25	10	0	0	X	0	0	0.25	0	0	0.5	0	40	0	7	15	0	30	0	0	80	G	0	15	0	0.25	65	50	SLT	SLT	20	20	2A	2B	X			
090	Fish Creek	21308	400	0.4	0.5	0.6	3	3.5	60	0	10	0	0	0	20	10	0	X	0	0	1	0	0	2	0	50	4	2	17	0	17	0	X	80	G	0	15	0	0.5	35	50	SLT	SLT	15	15	2B	2B	X			
090	North Elm Creek	19366	20	0.3	0.3	0.3	5.5	6	80	0	20	0	0	0	0	0	0	0	X	0	0	0	0.25	0.25	0	0	20	0.5	40	0	50	0	X	40	G	30	40	0.25	0.25	35	35	SLT	SLT	20	20	2B	2B	X			
090	North Elm Creek	19366	40	0.6	0.7	0.6	6.5	6.5	85	0	5	0	0	0	10	0	0	X	0	0	1.5	0	0.5	0	0	0	0	4	10	0	30	0	X	95	M	5	0	0.25	0	70	75	SLT	SLT	15	15	2A	2A	X			
090	North Elm Creek	19366	60	0.6	0.4	0.2	6	6.5	75	0	10	0	0	0	10	5	0	X	0	0	2	0	0.5	0	0	0	0	10	3	0	35	0	X	95	M	0	10	0	0.25	70	75		SLT	20	10	2A	2A	X			
090	North Elm Creek	19366	80	0.3	0.3	0.2	8	8.5	90	0	5	0	0	0	5	0	0	X	X	0	1	0	0.25	0.5	0	0	7	0	1	0	20	X	X	85	G	0	5	0	0.25	80	65	SLT	SLT	25	10	2A	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	North Elm Creek	19366	100	0.4	0.2	0.4	11	11.5	85	0	5	0	0	0	10	0	0	X	X	0	0	0.25	2	0	0	0	30	2	1	0	15	X	X	90	M	0	15	0	0.25	55	80	SLT	SLT	20	5	2A	2B	X			
090	North Elm Creek	19366	120	0.6	0.6	0.6	10	10	75	0	20	0	0	0	5	0	0	X	0	0	0.25	0	1	0	0	0	0	2	5	0	30	0	X	95	M	0	0	0	0	65	85	SLT	HPC	20	10	2A	2B	X			
090	North Elm Creek	19366	140	0.7	0.6	0.5	9	9	30	40	30	0	0	0	0	0	0	X	0	0	1	0.5	0	0.25	0	0	0	0	8	0	25	0	X	95	M	0	0	0	0	85	85	SLT	SLT	20	10	2A	2B	X			
090	North Elm Creek	19366	160	0.4	0.5	0.6	8	8.5	30	30	30	0	0	0	10	0	0	X	0	0	1	0	0.25	0.5	0	0	0	3.5	35	0	25	0	X	85	M	0	25	0	0.75	85	85	SLT	SLT	20	10	2A	2A	X			
090	North Elm Creek	19366	180	0.5	0.7	0.6	7	7	15	30	30	15	0	0	10	0	0	X	0	0	1.5	0	0	0.25	0	0	0	4	25	0	20	0	0	85	M	65	0	1	0	85	80	SLT	SLT	20	10	2A	2A	X			
090	North Elm Creek	19366	200	0.5	0.6	0.5	8.5	8.5	35	20	45	0	0	0	10	0	0	X	0	0	2	0.5	1.5	0.5	0	0	0	5	40	0	45	0	0	75	M	0	60	0	1.25	75	80	SLT	HPC	25	15	2A	2B	X			
090	North Elm Creek	19366	220	0.6	0.6	0.5	8	8.5	20	15	40	5	15	0	5	0	0	X	0	0	2	0.5	1	1	0	0	0	7	35	0	30	0	0	95	M	0	0	0	0	90	85	SLT	SLT	25	15	2A	2A	X			
090	North Elm Creek	19366	240	0.1	0.2	0.1	4	6.5	5	20	60	10	0	0	5	0	0	0	X	0	3	0.5	1	1	0	0	1	4	45	0	12	0	0	95	M	0	0	0	0	50	65	SLT	GRVL	25	20	2A	2A	X			
090	North Elm Creek	19366	260	0.3	0.3	0.3	5	5	10	15	55	10	5	0	5	0	0	X	0	0	2	0	2	1	0	0	0	5	50	0	35	0	0	95	M	0	0	0	0	50	65	SLT	SLT	35	25	2A	2A	X			
090	North Elm Creek	19366	280	0.1	0.1	0.1	2	15	0	15	70	15	0	0	0	0	X	0	0	0	1	1	3	1	0	1.5	0	4	40	15	45	X	X	80	M	30	0	0.5	0	55	60	SND	SLT	35	25	2A	2A	X			
090	North Elm Creek	19366	300	0.5	0.5	0.2	10.5	12	25	20	50	0	0	0	5	0	0	X	0	0	1.5	1	0	0.5	0.5	0	0	1	45	0	35	X	X	85	M	80	0	0.5	0	80	50	SND	SND	30	50	2A	2B	X			
090	North Elm Creek	19366	320	0.7	0.5	0.4	9	9	45	35	15	0	0	0	5	0	0	X	0	0	3	0	0	1	0	0	0	10	15	0	30	0	X	85	M	0	15	0	0.25	65	55	SLT	SLT	30	50	2A	2B	X			
090	North Elm Creek	19366	340	0.9	0.7	0.7	9	9	45	30	15	0	0	0	10	0	0	X	0	0	1.5	0.25	0.25	1	0	0	0	7	5	0	15	0	X	90	M	0	5	0	0.5	75	85	SLT	SLT	35	50	2A	2A	X			
090	North Elm Creek	19366	360	0.9	0.9	0.8	8	8	45	20	20	0	10	0	5	0	0	X	0	0	3	0.25	0.5	1	0	0	0	15	2	0	20	0	0	85	G	0	0	0	0	80	90	SLT	SLT	50	50	2A	2A	X			
090	North Elm Creek	19366	380	0.6	0.5	0.5	9	9	20	60	15	0	0	0	5	0	0	X	0	0	1	0	2	2	0	0	0	0	4	0	17	0	X	90	M	0	5	0	0.25	85	75	SLT	SLT	50	50	1A	2B	X			
090	North Elm Creek	19366	400	0.5	0.4	0.4	8	8	25	50	20	0	0	0	5	0	0	X	0	0	1	0.5	0.5	2	0	0	0	5	2	0	17	0	X	95	M	0	0	0	0	85	85	SLT	SLT	50	50	1A	2A	X			
090	Crutcho Creek	21617	20	0.1	0.1	0.1	1.5	20	90	0	0	0	0	0	0	10	0	X	0	0	0	0	0	0	2	0	0	0	1	0	0	X	X	30	G	100	100	0.5	0.5	20	20	SLT	SLT			2C	2C	X			
090	Crutcho Creek	21617	40	0.4	0.2	0.2	10	15	65	0	10	5	20	0	0	0	0	X	0	0	0	0	2	0	1.5	0	0	0	25	0	60	X	X	60	G	0	30	0	0.5	25	20	RCK	SND			2C	2C	X			
090	Crutcho Creek	21617	60	0.6	0.4	0.1	7	19	40	10	30	0	10	0	10	0	0	X	0	0	0	1.5	0.5	0	0	0	0	0.25	35	0	1	X	X	60	G	0	0	0	0	30	15	RCK	RCK			2B	2B	X			
090	Crutcho Creek	21617	80	0.6	0.4	0.2	6.5	17	10	40	20	10	10	0	10	0	0	X	0	0	0	1	1	0	0	0	0	0	40	0	2	X	0	55	G	0	0	0	0	35	10	RCK	RCK	30	5	1B	2B	X			
090	Crutcho Creek	21617	100	0.7	0.5	0.2	7	14	10	35	35	5	10	0	5	0	0	X	0	0	0	1.5	0.75	0	0	0	0	0.25	45	0	1	X	0	55	G	0	0	0	0	35	15	RCK	RCK	35	30	1A	1B	X			
090	Crutcho Creek	21617	120	0.5	0.6	0.3	6	11	5	20	40	15	0	0	15	5	0	X	0	0	0	0.5	1.5	0	0	0	0	0	60	0	2	0	X	45	G	0	0	0	0	45	35	RCK	RCK	35	35	1B	1B	X			
090	Crutcho Creek	21617	140	0.1	0.2	0.2	6	7.5	10	20	35	0	0	0	35	0	0	X	0	0	0.25	2	3.5	0.25	0	0	0	0.25	55	0	7	0	X	65	G	60	35	0.5	0.5	65	65	SLT	SLT	15	40	1B	1B	X			
090	Crutcho Creek	21617	160	0.3	0.6	0.7	7	7	10	0	15	0	0	0	15	60	0	X	0	0	0.5	3	4	0.25	10	0	0	0	12	0	70	0	X	80	M	100	55	0.5	0.75	75	80	HPC	HPC	20	40	1B	1B	X			
090	Crutcho Creek	21617	180	0.4	0.3	0.3	8	9	10	35	30	0	0	0	15	10	0	X	0	0	1	1	1.5	0.5	1	0	0	0.25	40	0	60	0	X	85	M	65	30	1	0.5	75	75	SLT	SLT	50	10	1A	1B	X			
090	Crutcho Creek	21617	200	0.5	0.8	0.6	7	8	45	20	10	0	0	0	5	20	0	X	0	0	1	0.5	1.5	0.25	1	0	0	0	15	0	75	0	0	80	M	85	90	1.5	1	40	90	SLT	SLT	40	10	1B	1B	X			
090	Crutcho Creek	21617	220	0.4	0.2	0.3	8.5	9	40	15	25	0	0	0	20	0	0	X	0	0	0.25	3	2	0.25	3	0	0	0.25	10	0	40	X	X	85	M	65	55	1	1	65	60	SLT	SLT	45	15	1B	2A	X			
090	Crutcho Creek	21617	240	0.4	0.8	0.4	9	9.5	30	5	45	0	0	0	15	5	0	X	0	0	0.25	10	6	0.25	0.5	0	0	0.25	45	0	45	0	X	75	M	35	100	1	1.5	70	65	SLT	SLT	30	45	1B	1B	X			
090	Crutcho Creek	21617	260	0.3	0.6	0.7	8	9	35	15	5	0	0	0	15	30	0	X	0	0	1	3	7	0.5	0	0	0	0.25	15	0	40	0	0	90	M	75	80	1.5	0.75	85	90	SLT	SLT	15	20	1B	1B	X			
090	Crutcho Creek	21617	280	0.5	0.4	0.3	7	9	5	35	15	0	0	0	15	30	0	X	0	0	0.25	3	2	0.25	0	0	0	0	15	0	15	X	X	80	M	65	45	0.5	0.75	65	55	HPC	GRVL	10	17	2B	1B	X			
090	Crutcho Creek	21617	300	0.2	1	1.4	5.5	6.5	15	20	30	0	0	0	0	35	0	X	0	0	1	2	4	1	1	0	0	0	35	0	12	X	X	85	M	40	65	0.5	0.75	65	80	SLT	SLT	20	17	1A	1A	X			
090	Crutcho Creek	21617	320	0.2	0.4	0.3	5	5.5	15	10	50	0	0	0	15	10	0	X	0	0	0.5	1	2	0.5	0	0	0	0.25	55	0	15	X	X	75	M	15	80	0.5	0.75	45	80	SLT	SLT	25	10	1A	1B	X			
090	Crutcho Creek	21617	340	0.7	0.5	0.3	6.5	9	20	20	15	0	0	0	5	40	0	X	0	0	0.25	0.5	1.5	0.25	5	0	0	0.25	35	0	30	X	X	80	M	60	10	0.75	1	55	70	HPC	SND	20	17	1A	1B	X			
090	Crutcho Creek	21617	360	0.1	0.1	0.1	2	8	10	10	60	0	0	0	10	10	X	X	0	0	1	0	0.5	0.25	10	0	0	0	35	10	40	X	X	65	M	100	40	2	0.75	75	60	SLT	GRVL	5	15	2B	1B	X			
090	Crutcho Creek	21617	380	0.2	0.1	0.2	7	7.5	10	25	20	10	0	0	5	30	0	X	0	0	0.25	0	0.5	0.5	2	0	0	0	50	0	85	X	X	85	M	80	40	1	0.75	35	70	HPC	SLT	20	15	1A	1A	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Crutcho Creek	21617	400	0.1	0.1	0.1	8	15	0	0	10	50	40	0	0	0	X	X	0	0	0.25	0	0.25	0.25	1	0	0	0	65	35	15	X	X	80	G	70	40	1.5	0.75	30	45	RCK	RCK	17	10	1B	2B	X			
090	Crooked Oak Creek	18985	20	0.1	0.2	0.2	1.5	5	10	0	5	0	0	85	0	0	0	X	0	0	0	0	0	0	3	0	0	1	30	0	20	0	X	75	M	80	10	1.5	0.5	45	65	C	SLT	5	10	2B	1A	X			
090	Crooked Oak Creek	18985	40	0.5	0.3	0.1	1	4	5	35	30	0	0	0	30	0	0	X	0	0	0	1	4	0	0	0	0	1	65	0	65	X	0	85	M	100	0	1.25	0	70	40	SND	SND	3	5	1B	1B	X			
090	Crooked Oak Creek	18985	60	0.1	0	0.1	1	2	5	20	70	0	0	0	5	0	0	X	0	0	1.5	0	1	0.5	0	0	0	0	70	0	90	X	X	90	M	30	35	0.5	0.5	50	50	SLT	SLT	15	7	1B	2A	X			
090	Crooked Oak Creek	18985	80	0.1	0.2	0.2	2	2.5	0	30	65	0	0	0	5	0	0	X	0	0	2	0.5	1	1	0	0	0	0	35	0	60	X	0	95	M	5	20	0.25	0.5	50	80	SLT	SLT	7	25	1B	1B	X			
090	Crooked Oak Creek	18985	100	0.1	0.1	0.1	0.25	5	0	35	55	0	0	0	10	0	X	0	0	0	0	1	1	0	0	0	0	0	50	60	85	X	X	80	M	70	15	1.25	0.5	70	35	SND	SND	10	15	1A	1B	X			
090	Crooked Oak Creek	18985	120	0.2	0.5	0.7	2.5	0.25	65	10	5	0	0	0	20	0	0	X	0	0	3	10	15	0	0	0	0	0	10	0	80	X	X	85	M	50	15	1	0.5	65	80	SLT	C	5	5	1B	1B	X			
090	Crooked Oak Creek	18985	140	0.1	0.05	0	1.75	1	50	0	10	0	0	0	10	0	0	X	0	0	0	1	1	0	0	0	0	0	15	0	70	X	X	75	M	65	15	1.5	0.5	70	75	SLT	SLT	3	15	1B	1B	X			
090	Crooked Oak Creek	18985	160	0	0	0.05	1	1.5	95	0	0	0	0	0	5	0	0	0	X	0	1	0	0	1	0	0	0	0	15	0	75	X	X	65	M	45	15	0.5	0.5	70	70	SLT	SLT	3	5	1B	1B	X			
090	Crooked Oak Creek	18985	180	0.05	0	0.05	1	1	90	0	0	0	0	0	40	0	0	X	0	0	1	3	15	1	0	0	0	0	10	0	80	X	X	90	M	10	15	0.5	0.5	70	75	SLT	SLT	3	3	1B	1B	X			
090	Crooked Oak Creek	18985	200	0.3	0.2	0.1	2	0.5	40	5	0	0	0	0	55	0	0	X	0	0	2	15	10	2	0	0	0	0	0	0	65	X	X	95	M	5	5	0.5	0.5	85	85	SLT	SLT	3	15	1B	1B	X			
090	Crooked Oak Creek	18985	220	0.05	0.05	0.05	2	0.5	20	0	40	0	0	0	40	0	0	0	X	0	2	10	10	1	0	0	0	0	3	0	75	X	X	75	M	55	50	0.7	0.7	60	55	SLT	SLT	10	20	1B	1B	X			
090	Crooked Oak Creek	18985	240	0	0.1	0.1	1.5	1	65	0	20	0	0	0	15	0	0	X	0	0	3	3	4	1	0	0	0	0	4	0	85	X	X	70	M	75	40	1.5	0.7	65	70	SLT	C	20	5	1B	1B	X			
090	Crooked Oak Creek	18985	260	0	0.1	0.05	1	1.5	95	0	0	0	0	0	5	0	0	X	0	0	4	2	15	1	0	0	0	0	5	0	85	X	X	80	M	65	40	0.7	0.5	45	70	SLT	SLT	2	20	1B	1B	X			
090	Crooked Oak Creek	18985	280	0.4	0.4	0.2	2.5	0.5	60	5	0	0	0	0	35	0	0	X	0	0	5	15	10	3	0	0	0	0	0	0	70	X	X	80	M	40	30	0.7	0.4	70	75	SLT	SLT	7	25	1B	1B	X			
090	Crooked Oak Creek	18985	300	0	0.1	0.05	1	1.5	10	5	20	0	50	0	15	0	0	0	X	0	0	2	3	1	0	0	0	0	2	0	80	X	X	70	M	85	45	2	0.5	75	60	HPC	SLT	2	25	1B	1B	X			
090	Crooked Oak Creek	18985	320	0	0.1	0.1	2	2	15	0	5	0	0	80	0	0	0	X	0	0	0	2	4	1	15	0	0	0	0	0	60	X	X	80	M	60	40	0.7	0.5	70	65	HPC	HPC	15	15	1B	1B	X			
090	Crooked Oak Creek	18985	340	0.4	0.3	0.3	3	0	98	0	2	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	1	0	100	0	X	0		0	0	0	0	0	0	HPC	HPC					X			
090	Crooked Oak Creek	18985	360	0.8	0.7	0.5	3	0	35	5	20	0	0	0	40	0	0	X	0	0	0	10	5	0	0	0	0	0	0	0	80	X	X	90	M	20	40	0.7	1	70	75	SLT	SLT	20	15	1B	1B	X			
090	Crooked Oak Creek	18985	380	0	0.3	0.2	2	2	70	15	0	0	0	0	15	0	0	X	0	0	4	15	10	4	0	0	0	0	5	0	85	X	X	90	M	30	70	0.5	1	75	60	SLT	SLT	15	25	1B	1B	X			
090	Crooked Oak Creek	18985	400	0.6	0.5	0.4	3	0.5	75	5	0	0	0	0	20	0	0	X	0	0	2	7	10	4	0	0	0	0	0	0	85	X	X	70	M	80	60	1	0.5	70	60	SLT	SLT	15	25	1B	1B	X			
090	Buggy Creek	18794	20	0.3	0.4	0.3	2	3	0	90	0	0	0	0	0	10	0	0	X	0	0.5	0	1	0	0	0	0	1	0	0	0	0	0	50	G	0	0	0	0	50	50	SND	SND	0	0	2C	2C	0			4
090	Buggy Creek	18794	40	0.3	0.4	0.3	2	3	0	80	0	0	0	0	0	20	0	0	X	0	1	0	0	0	0	0	0	3	0	0	0	0	0	50	G	20	0	1.6	0	55	50	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	60	0.3	0.5	0.3	3	3	0	80	0	0	0	0	0	20	0	0	X	0	1	0	0	0	0	0	0	3	0	0	0	0	0	60	S	0	0	0	0	75	65	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	80	0.2	0.2	0.1	4	4	0	100	0	0	0	0	0	0	0	0	X	0	1	0	1	0	0	0	0	0	3	0	0	0	0	50	S	0	20	1.6	0	85	65	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	100	0.2	0.5	0.3	3	4	0	80	0	0	0	0	0	20	0	0	X	0	1	0	1	0	0	0	0	1	0	0	0	0	0	20	S	25	75	1.8	2.2	65	45	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	120	0.3	0.4	0.4	2	5	0	90	0	0	0	0	0	10	0	0	X	0	0	0	0.5	0	0	0	0	2	0	0	0	0	0	25	S	0	100	0	2.3	80	45	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	140	0.2	0.4	0.3	2	3	0	90	0	0	0	0	0	10	0	0	X	0	0	0	2	0	0	0	0	2	0	0	0	0	0	30	S	0	100	0	2.2	85	55	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	160	0.2	0.4	0.2	2	3	0	95	0	0	0	0	0	5	0	0	X	0	1	0	1	0	0	0	0	1	0	0	0	0	0	40	S	0	50	0	2.2	85	70	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	180	0.2	0.3	0.2	2	3	0	80	0	0	0	0	0	20	0	0	X	0	0	0	1	0	0	0	0	2	0	0	0	0	0	50	S	0	50	0	1.9	85	70	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	200	0.3	0.5	0.3	2	3	0	70	0	0	0	0	0	30	0	0	X	0	0	0	1	0	0	0	0	2	0	0	0	0	0	50	S	25	25	1.8	1.9	80	70	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	220	0.2	0.4	0.3	2	3	0	60	0	0	0	0	0	40	0	0	X	0	0	0	0	0	0	0	0	3	0	0	0	0	0	70	S	0	0	0	0	80	80	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	240	0.3	0.6	0.5	3	5	0	20	0	0	0	0	0	80	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	0	0	60	S	0	0	0	0	80	70	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	260	0.2	0.4	0.3	2	4	0	0	0	0	0	0	0	100	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	0	0	60	S	0	0	0	0	80	60	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	280	0.3	0.3	0.3	2	5	0	60	0	0	0	0	0	40	0	0	X	0	0	0	1	0	0	0	0	2	0	0	0	0	0	50	S	0	30	0	2	80	60	SND	SND	0	0	2C	2C	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	Buggy Creek	18794	300	0.2	0.1	0.1	4	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	G	70	100	2.1	2	65	55	SND	SND	0	0	2C	2C	0	90	10	10
090	Buggy Creek	18794	320	0.4	0.4	0.3	2	4	0	70	0	0	0	0	0	30	0	0	X	0	1	0	0.5	0	0	0	0	2	0	0	0	0	0	25	S	0	70	0	2	65	60	SND	SND	0	0	2C	2C	0			2
090	Buggy Creek	18794	340	0.3	0.4	0.3	2	4	0	50	0	0	0	0	0	50	0	0	X	0	1	0	1	0	0	0	0	2	0	0	0	0	0	25	S	25	40	2	2	60	70	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	360	0.3	0.3	0.2	3	8	0	90	0	0	0	0	0	10	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	G	100	100	2.6	2.2	50	45	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	380	0.2	0.4	0.2	2	4	0	85	0	0	0	0	0	15	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	S	50	50	2.4	2	60	50	SND	SND	0	0	2C	2C	X			
090	Buggy Creek	18794	400	0.3	0.4	0.2	2	4	0	95	0	0	0	0	0	5	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	S	0	0	0	0	60	60	SND	SND	0	0	2C	2C	X			
090	North Walnut Creek	18983	20	0.1	0.1	0.1	7	16	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	5	0	0	X	X	80	g	0	0	0	0	50	50	SND	BLD	20	15	2B	2b	X			
090	North Walnut Creek	18983	40	0.1	0.1	0.1	10	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	5	0	0	X	X	85	g	0	0	0	0	45	55	SND	BLD	20	5	2B	2b	X			
090	North Walnut Creek	18983	60	0.1	0.2	0.1	9	14	0	90	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	5	0	0	X	X	90	g	0	0	0	0	45	55	SND	SND	20	5	2B	2b	X			
090	North Walnut Creek	18983	80	0.1	0.1	0.1	9	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	95	g	0	0	0	0	45	50	SND	SND	20	5	2B	1b	X			
090	North Walnut Creek	18983	100	0.1	0.2	0.1	7	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	95	s	0	0	0	0	45	45	SND	SND	20	5	2B	1b	X			
090	North Walnut Creek	18983	120	0.1	0.1	0.1	10	15	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0.5	0	0	X	X	90	s	0	0	0	0	45	60	SND	SND	20	8	2B	1b	X			
090	North Walnut Creek	18983	140	0.1	0.2	0.2	7	15	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0.5	0	5	X	X	90	s	0	0	0	0	45	60	SND	SND	25	8	2B	1b	X			
090	North Walnut Creek	18983	160	0.1	0.1	0.1	9	16	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	5	0	0	15	X	X	85	s	0	0	0	0	45	60	SND	SND	25	8	2B	1b	X			
090	North Walnut Creek	18983	180	0.1	0.1	0.2	10	17	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	1	0	15	X	X	85	s	0	0	0	0	45	55	SND	SND	20	5	2B	1b	X			
090	North Walnut Creek	18983	200	0.1	0.1	0.1	10	17	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0.5	0	10	X	X	80	s	0	0	0	0	45	65	SND	SND	20	5	2B	1b	X			
090	North Walnut Creek	18983	220	0.2	0.2	0.1	7	18	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	10	X	X	75	s	0	0	0	0	55	50	SND	SND	20	8	2B	1b	X			
090	North Walnut Creek	18983	240	0.1	0.2	0.1	9	20	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	1	0	0	X	X	60	g	0	0	0	0	70	40	SND	SND	15	10	2B	1b	X			
090	North Walnut Creek	18983	260	0.1	0.2	0.1	8	19	0	100	0	0	0	0	0	0	0	0	X	0	1	0	0	0	0	0	0	0.5	0.5	0	0	X	X	50	g	40	0	4	0	70	45	SND	SND	10	10	2B	1b	X			
090	North Walnut Creek	18983	280	0.1	0.1	0.1	12	21	0	97	3	0	0	0	0	0	0	0	X	0	0.5	0	0	0	0	0	0	0	0.5	0	0	X	X	40	g	60	0	4.2	0	70	45	SND	SND	5	15	2B	1b	X			
090	North Walnut Creek	18983	300	0.1	0.2	0.1	9	21	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	40	g	60	0	4.3	0	75	55	SND	SND	2	18	2B	1b	X			
090	North Walnut Creek	18983	320	0.2	0.3	0.2	12	15	0	77	3	0	0	0	0	20	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	X	X	60	g	20	0	3	0	60	50	SND	SND	0	20	2B	1b	X			
090	North Walnut Creek	18983	340	0.2	0.3	0.3	12	15	0	90	0	0	0	0	0	10	0	X	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	70	g	0	0	0	0	55	80	SND	hpc	0	20	2B	1b	X			
090	North Walnut Creek	18983	360	0.2	0.2	0.5	11	13	0	85	10	0	0	0	0	5	0	X	0	0	0	0	0	0	0	0	0	0	0.5	0	5	0	0	75	g	10	0	1.5	0	65	75	SND	hpc	5	15	2B	1b	X			
090	North Walnut Creek	18983	380	0.1	0.2	0.1	11	13	0	95	5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0.5	0.5	0	15	0	0	75	g	0	0	0	0	55	70	SND	SND	5	10	2B	1b	X			
090	North Walnut Creek	18983	400	0.1	0.2	0.1	12	14	0	95	5	0	0	0	0	0	0	X	0	0	1	0	0	0	0	0	0	1	1	0	5	X	X	80	g	0	0	0	0	65	70	SND	SND	8	10	2B	1b	X			
090	North Fork Walnut Creek	18984	20	0.1	0.2	0.1	4	24	0	5	0	0	85	0	0	10	X	0	0	0	0	0	0	0	0	0	0	0	40	30	0	0	0	95	s	0	0	0	0	25	45	SND	BLD	30	45	2B	2b	X			
090	North Fork Walnut Creek	18984	40	0.1	0.2	0.2	3	24	0	5	10	0	85	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	70	20	0	0	0	95	s	0	0	0	0	25	45	SND	BLD	20	45	2B	2b	X			
090	North Fork Walnut Creek	18984	60	0.4	0.8	0.4	9	20	0	65	0	0	20	0	0	15	0	X	0	0	0	0	10	0	0	0	0	1	0	0	0	0	0	95	s	0	0	0	0	40	45	SND	BLD	20	45	2B	2b	X			
090	North Fork Walnut Creek	18984	80	0.2	0.3	0.2	4	18	0	20	20	0	60	0	0	0	0	0	X	0	0	0	40	0	0	0	0	1	0	30	25	0	0	95	s	0	0	0	0	25	35	SND	BLD	20	35	2B	2b	X			
090	North Fork Walnut Creek	18984	100	0.2	0.2	0.1	8	22	0	20	0	0	10	0	0	70	0	X	X	0	0	0	20	0	0	0	0	2	0	0	50	0	0	95	s	0	0	0	0	35	45	BLD	BLD	15	45	2c	2c	X			
090	North Fork Walnut Creek	18984	120	0.5	0.5	0.5	7	16	0	30	0	10	10	0	0	50	0	X	0	0	0	0	1	0	0	0	0	1	20	0	0	0	0	95	s	0	0	0	0	45	45	SND	SND	20	45	2B	2c	X			
090	North Fork Walnut Creek	18984	140	0.6	0.7	0.5	10	15	80	10	0	0	0	0	0	10	0	X	0	0	0	0	0	0	0	0	0	1	0	0	0	0	X	95	s	0	0	0	0	45	45	SND	SND	20	45	2B	2b	X			
090	North Fork Walnut Creek	18984	160	0.3	0.9	0.5	11	14	80	10	0	0	0	0	0	10	0	X	0	0	0	0	0	0	0	0	0	1	0	0	0	0	X	95	s	0	0	0	0	45	45	SND	SND	20	45	2b	2b	X			
090	North Fork Walnut Creek	18984	180	0.2	0.9	0.8	8	14	80	10	0	0	0	0	0	10	0	X	0	0	1	0	0	0	0	0	0	1	0	0	0	X	X	85	s	0	0	0	0	45	50	SND	SND	20	50	2b	2b	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
090	North Fork Walnut Creek	18984	200	0.2	0.9	0.9	8	16	70	25	0	0	0	0	0	5	0	X	0	0	1	0	0	0	0	0	0	1	0	0	0	X	X	80	s	0	40	0	4.3	45	70	SND	SND	20	70	2b	2b	X			
090	North Fork Walnut Creek	18984	220	0.2	0.6	0.4	7	16	70	25	0	0	0	0	0	5	0	X	0	0	0	0	0	0	0	0	0	1	0	0	0	X	X	80	s	0	40	0	4	40	60	SND	SND	20	60	2b	2b	X			
090	North Fork Walnut Creek	18984	240	0.3	0.8	0.6	6	18	20	20	0	0	0	0	0	60	0	X	0	0	0	0	0	0	0	0	0	1	0	0	0	X	X	85	s	0	0	0	0	30	45	SND	SND	20	45	2b	2b	X			
090	North Fork Walnut Creek	18984	260	0.2	0.3	0.2	7	18	5	75	0	0	0	0	0	20	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	X	X	80	s	0	0	0	0	30	45	SND	SND	20	45	2b	2b	X			
090	North Fork Walnut Creek	18984	280	0.2	0.4	0.2	6	17	2	80	0	0	0	0	0	18	0	X	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	80	s	0	0	0	0	25	45	SND	SND	15	45	2b	2b	X			
090	North Fork Walnut Creek	18984	300	0.4	0.6	0.3	6	16	2	83	0	0	15	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	15	0	0	X	X	85	s	0	0	0	0	45	30	BLD	SND	2	30	2b	2b	X			
090	North Fork Walnut Creek	18984	320	0.3	0.5	0.2	5	15	2	98	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	5	0	0	X	X	90	s	0	0	0	0	55	30	BLD	SND	2	30	2b	2b	X			
090	North Fork Walnut Creek	18984	340	0.5	0.8	0.3	7	13	3	97	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	X	X	95	s	0	0	0	0	65	40	BLD	SND	2	40	2b	2b	X			
090	North Fork Walnut Creek	18984	360	0.2	0.8	0.4	7	12	2	38	0	0	0	0	0	60	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	s	0	0	0	0	60	45	BLD	SND	5	45	2b	2b	X			
090	North Fork Walnut Creek	18984	380	0.9	0.6	0.3	6	11	5	75	0	0	0	0	0	20	0	X	0	0	0	0	3	0	0	0	0	0	10	0	0	0	0	95	s	0	0	0	0	65	50	BLD	SND	5	50	2b	2b	X			
090	North Fork Walnut Creek	18984	400	0.6	0.5	0.2	6	10	5	85	0	0	0	0	0	10	0	X	0	0	1	0	0	0	0	0	0	2	0	0	0	X	X	95	s	0	0	0	0	60	50	SND	BLD	15	50	2b	2b	X			
104	Washita River # 145	19099	20	0.4	0.2	0.3	10	12	10	55	15	10	10	0	0	0	0	X	X	0	0.5	1.5	15	1	0	0	0	0	70	0	60	X	0	50	G	100	0	0.5	0	40	45	SND	RCK	0	15	2D	2B	0	50	3	3
104	Washita River # 145	19099	40	0.4	0.3	0.4	8	10	10	70	10	0	0	0	10	0	0	X	0	0	0	1.5	2	0	0	0	0	0	35	0	5	0	X	45	G	50	0	1.5	0	35	45	SND	SLT	0	10	2D	2B	0	50	3	3
104	Washita River # 145	19099	60	0.2	0.3	0.2	8	10.5	15	75	0	0	0	0	10	0	0	0	X	0	0	0	2	0	0	0	0	0	5	0	12	X	X	55	G	100	70	2	0.75	40	50	SND	SLT	0	10	2D	2C	0	60		3
104	Washita River # 145	19099	80	0.1	0.2	0.4	10	13	10	70	5	0	0	0	15	0	0	X	0	0	0	0	2.5	0	0	0	0	0.25	2	0	20	0	X	60	M	80	65	2	0.75	65	50	SLT	SLT	0	5	2D	2C	0	60		3
104	Washita River # 145	19099	100	0.2	0.2	0.2	8	10.5	10	75	0	0	0	0	15	0	0	0	X	0	0	0.25	1	0.25	0.5	0	0	0.25	0	0	12	X	X	60	G	75	90	2	0.75	40	70	SLT	SLT	2	4	1C	2B	0	50	1	1
104	Washita River # 145	19099	120	0.3	0.2	0.1	8	9	5	80	0	0	0	0	15	0	0	0	X	0	0.25	0.5	1	0	0	0	0	0.25	1	0	7	0	X	50	G	100	80	2.5	0.75	65	60	SLT	SLT	0	5	2D	2B	0	20		3
104	Washita River # 145	19099	140	0.3	0.8	0.5	10	13	10	70	0	0	0	0	15	5	0	X	X	0	0.25	1.5	5	0	0	0	0	0	2	0	7	X	0	60	G	45	65	0.75	0.75	65	45	C	SND	7	4	1C	1B	0		1	
104	Washita River # 145	19099	160	0.3	0.3	0.4	7	12	10	80	0	0	0	0	10	0	0	X	0	0	0.25	0.5	2.5	0	0	0	0	0.25	1	0	30	X	0	60	M	40	100	0.5	1.25	75	35	C	SND	7	3	1C	1C	0	40		1
104	Washita River # 145	19099	180	0.1	0.2	0.4	9	12	5	80	0	0	0	0	15	0	0	X	0	0	0.25	0	1.5	0.25	0	0	0	0	0	0	20	0	X	40	T	85	80	2	1	60	65	SLT	SLT	4	10	1C	1B	0	55	1	3
104	Washita River # 145	19099	200	0.3	0.2	0.1	10	13	10	80	0	0	0	0	5	5	0	X	X	0	0.25	0	2.5	0.25	0	0	0	0	0	0	10	0	X	45	T	95	80	3	1	45	65	SND	SND	0	5	1C	1C	0	10	2	3
104	Washita River # 145	19099	220	0.2	0.2	0.3	9	12	5	80	0	0	0	0	15	0	0	0	X	0	0.25	0.25	2.5	0.25	0	0	0	0	1	0	3	0	X	75	M	50	10	0.75	0.5	75	50	C	SLT	10	15	2B	2B	X			
104	Washita River # 145	19099	240	0.3	0.2	0.2	9	12	5	75	5	0	0	0	10	5	0	X	X	0	0.25	0.25	0.75	0.25	0	0	0	0	3	0	65	0	X	75	M	15	60	0.5	0.75	60	60	C	SLT	8	10	1B	1B	X			
104	Washita River # 145	19099	260	0.4	0.3	0.2	8	12	10	65	15	0	0	0	10	0	0	X	X	0	0	0.25	0.75	0	0	0	0	0	5	0	35	0	X	85	M	50	80	0.75	0.5	65	40	C	SND	5	10	1B	1B	X			
104	Washita River # 145	19099	280	0.3	0.2	0.3	8	12	90	0	0	0	0	0	10	0	0	0	X	0	0.25	0	1.5	0	0	0	0	0	1	0	8	X	X	75	M	15	85	0.75	0.75	70	35	C	SND	11	10	1B	1A	X			
104	Washita River # 145	19099	300	0.4	0.4	0.4	4	14	90	0	0	0	0	0	5	5	0	X	0	0	0	5	8	0.25	0	0	0	0	3	0	20	X	0	80	M	65	100	1	1	45	40	SND	SND	5	5	1C	1B	X			
104	Washita River # 145	19099	320	0.1	0.2	0.3	7	10.5	5	90	0	0	0	0	5	0	0	0	X	0	0	3	5	0	0	0	0	0	1	0	65	X	X	85	M	50	100	0.75	1.5	45	50	SND	C	4	7	1C	1C	0	10		2
104	Washita River # 145	19099	340	0.2	0.3	0.3	6	12	10	80	5	0	0	0	5	0	0	0	X	0	0.25	0	1.5	0.25	0	0	0	0	1.5	0	85	X	X	75	M	20	30	0.5	1	40	70	SND	C	4	2	1C	1C	0	25	1	1
104	Washita River # 145	19099	360	0.4	0.2	0.2	8	18	10	75	0	0	0	0	15	0	0	X	X	0	0.25	4	12	0	0	0	0	0	0	0	75	X	0	70	M	20	100	0.5	1.25	45	50	SND	SND	3	6	1C	1C	0			1
104	Washita River # 145	19099	380	0.5	0.6	0.6	8	14	5	85	0	0	0	0	10	0	0	X	0	0	1	1.5	2	0.5	0	0	0	0	0	0	65	X	0	65	M	50	100	0.75	1.25	40	70	SND	SND	3	6	1C	1C	X			
104	Washita River # 145	19099	400	0.3	0.4	0.4	9	13	10	80	0	0	0	0	10	0	0	X	0	0	0.25	0	1	0	0	0	0	0	0.5	0	65	X	X	65	M	30	60	0.5	1	45	50	SND	SND	4	4	1C	1C	0	10		1
104	Beaver Creek	23120	20	0.4	0.5	0.5	6	10	10	0	75	5	0	0	0	10	0	X	X	0	1	2	3	0	0	0	0	0	5	0	5	X	X	50	G	60	0	8	0	80	50			5	15	2B	2B	X			
104	Beaver Creek	23120	40	0.7	1	0.3	4	9	70	20	10	0	0	0	0	0	0	X	X	0	1	0	5	0	5	0	0	0	5	0	1	X	X	40	G	100	0	8	0	85	45			15	15	2B	2B	X			
104	Beaver Creek	23120	60	0.4	0.6	0.4	6	8	75	0	0	0	0	0	0	25	0	X	X	0	0	1	1	1	0	0	0	0	1	0	35	0	X	60	G	40	5	4	1	80	70			20	5	2B	2B	X			
104	Beaver Creek	23120	80	0.5	0.7	0.6	5	10	50	0	50	0	0	0	0	0	0	0	X	0	0	3	3	2	0	0	0	0.5	1	0	0	0	X	60	G	0	5	0	1	75	50			25	20	2B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Beaver Creek	23120	100	1	1.1	0.6	6	8	100	0	0	0	0	0	0	0	0	X	0	0	0	10	10	5	0	0	0	0	0	0	5	0	X	60	G	20	25	5	20	80	75			5	5	2B	2B	X			
104	Beaver Creek	23120	120	0.7	0.7	0.4	5	9	70	5	5	0	0	0	0	20	0	X	X	0	0	0.5	0	2	0	0	0	0	0.5	0	10	X	X	40	G	5	5	2	1	80	60			20	10	2B	2B	X			
104	Beaver Creek	23120	140	0.5	0.9	0.9	5	7	45	0	5	0	0	0	0	50	0	X	X	0	0.5	1	1	1	0	0	0	0	0	0	40	X	X	65	G	5	0	1	0	65	70			15	20	2B	1B	X			
104	Beaver Creek	23120	160	0.8	0.8	0.6	5	9	20	10	20	0	0	0	0	50	0	0	X	0	0	3	2	2	0	0	0	0	0	0	5	X	X	50	G	0	0	0	0	70	80			10	20	2B	2B	X			
104	Beaver Creek	23120	180	0.3	0.5	0.5	7	8	60	15	25	0	0	0	0	0	0	X	X	0	0	2	3	2	0	0	0	0	0	0	0	0	X	50	G	10	0	1	0	75	80			5	5	2B	2B	X			
104	Beaver Creek	23120	200	1	1	0.7	5	6	70	20	10	0	0	0	0	0	0	X	0	0	0	1	2	1	0	0	0	0	0	0	0	0	X	70	G	5	5	1	1	50	70			40	5	2B	2B	X			
104	Beaver Creek	23120	220	0.4	0.7	1	4	7	30	5	65	0	0	0	0	0	0	0	X	0	1	0	1	1	0	0	0	0	0.5	0	5	X	X	60	G	0	20	0	4	45	75			30	25	2B	2B	X			
104	Beaver Creek	23120	240	0.4	0.6	0.5	5	6	40	5	0	0	0	0	0	55	0	0	X	0	2	0	0	2	0	0	0	0.5	0	0	45	X	X	70	G	0	0	0	0	70	70			10	20	2B	2B	X			
104	Beaver Creek	23120	260	0.8	0.9	1	7	9	50	45	0	0	0	0	0	5	0	X	X	0	0	3	4	2	0	0	0	0	0	0	0	0	X	60	G	0	0	0	0	60	60			10	10	2B	2B	X			
104	Beaver Creek	23120	280	1.1	1.1	0.7	4	6	5	10	0	0	0	0	0	85	0	0	X	0	1	2	2	0	0	0	0	0	0	0	10	0	X	60	G	0	0	0	0	65	65			25	15	2B	2B	X			
104	Beaver Creek	23120	300	0.3	0.4	0.5	4	6	5	30	35	30	0	0	0	0	0	0	X	0	1	2	1	2	0	0	0	0.5	2	0	20	0	X	70	M	0	20	0	3	70	60			30	10	1B	2B	X			
104	Beaver Creek	23120	320	1	0.7	0.8	8	9	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	3	1	0	0	0	0	15	0	5	0	X	60	M	55	0	3	0	80	80			30	5	1B	2B	0			2
104	Beaver Creek	23120	340	0.4	0.6	0.6	4	7	10	15	70	0	0	0	0	5	0	0	X	0	1	2	1	0	0	0	0	0	10	0	30	0	X	60	G	20	1	2	1	75	70			25	5	1B	2B	X			
104	Beaver Creek	23120	360	0.6	0.8	0.8	5	6	80	5	5	0	0	0	0	10	0	0	X	0	0	4	3	1	0	0	0	0	0	0	35	0	X	40	M	60	0	3	0	70	85			20	15	1B	2B	X			
104	Beaver Creek	23120	380	0.4	0.4	0.3	4	7	50	10	25	0	0	0	0	15	0	0	X	0	0	3	4	1	0	0	0	0	5	0	10	0	X	40	G	40	5	2	1	80	65			10	10	1B	2B	0			3
104	Beaver Creek	23120	400	0.8	0.5	0.4	4	6	70	10	15	0	0	0	0	5	0	0	X	0	0	1	2	0	0	0	0	0	0.5	0	0	0	X	20	G	15	40	2	2	80	60			5	5	2B	2B	X			
104	West Barnitz Creek	19101	20	0.3	0.3	0.2	1.5	3	75	10	0	0	0	0	15	0	0	X	0	0	3	5	12	1.5	0	0.25	0	0	15	0	7	X	X	95	G	0	25	0	1	75	35	SLT	SLT	35	15	1B	2B	X			
104	West Barnitz Creek	19101	40	0.1	0.1	0.1	1.5	6	90	0	0	0	0	0	0	10	0	X	0	0	0	4	2	0	0	0	0	0	0	0	65	0	X	70	M	35	100	0.5	0.75	40	50	SND	SND	25	3	1C	1C	0	15	1	1
104	West Barnitz Creek	19101	60	0.1	0.1	0.1	2	6	50	0	0	0	0	0	35	15	0	0	X	0	0	7	6	2	0	0	0	0	2	0	75	X	0	70	M	80	60	1.25	1	55	50	SLT	SLT	5	5	1C	1C	0	20		3
104	West Barnitz Creek	19101	80	0.2	0.3	0.1	2	5	80	0	0	0	0	0	20	0	0	X	0	0	0	3	25	0	0	0	0	0	0	0	80	0	X	85	M	70	40	0.75	0.5	75	30	SLT	SLT	15	7	1C	1C	X			
104	West Barnitz Creek	19101	100	0.2	0.3	0.3	2	4	95	0	0	0	0	0	5	0	0	X	0	0	1	1	5	2	0	0	0	3	1	0	25	0	X	90	M	0	60	0	0.5	40	65	SLT	SLT	10	14	1C	1C	X			
104	West Barnitz Creek	19101	120	0.15	0.2	0.2	2	4	95	0	0	0	0	0	5	0	0	X	0	0	0	0	2.5	0	0	0	0	0	0.5	0	65	X	X	85	M	35	0	0.5	0	45	45	SLT	SLT	14	17	1C	1B	X			
104	West Barnitz Creek	19101	140	0.2	0.2	0.2	2	4	90	0	0	0	0	0	10	0	0	X	0	0	0	3	7	0	0	0	0	0	0	0	17	0	X	80	M	30	50	0.75	0.75	45	50	SLT	SLT	8	3	1B	2B	X			
104	West Barnitz Creek	19101	160	0.15	0.2	0.15	2	4	80	0	0	0	0	0	20	0	0	0	X	0	0.5	2	10	0.5	0	0	0	1.5	0	0	17	X	X	90	M	5	15	0.5	0.5	50	45	SLT	SLT	10	5	1B	2A	X			
104	West Barnitz Creek	19101	180	0.2	0.4	0.3	3	6	85	0	0	0	0	0	15	0	0	X	0	0	0	1	2	0	0	0	0	0.25	0	0	3	0	X	90	M	2	0	0	0.25	40	55	SLT	SLT	15	7	1B	2B	0	5		1
104	West Barnitz Creek	19101	200	0.1	0.1	0.1	1.5	7	80	0	0	0	0	0	20	0	0	0	X	0	0	10	20	0.5	0	0	0	0	0	0	50	X	X	85	M	30	15	0.75	0.5	65	45	SLT	SLT	10	15	1C	1B	X			
104	West Barnitz Creek	19101	220	0.1	0.3	0.2	2	6	95	0	0	0	0	0	5	0	0	X	0	0	0	3	4	0.75	0	0	0	1	0	0	7	X	X	90	M	5	15	0.5	0.5	45	65	SLT	SLT	25	20	1C	1B	0	10		1
104	West Barnitz Creek	19101	240	0.1	0.2	0.15	2	5	95	0	0	0	0	0	5	0	0	X	0	0	0	1	7	0	0	0	0	0	0	0	25	X	X	80	M	30	15	0.5	0.5	75	40	SLT	SLT	12	30	1B	1B	0			1
104	West Barnitz Creek	19101	260	0.1	0.1	0.1	1.5	6	50	0	0	0	0	0	50	0	X	0	0	0	0	1	32	0.25	0	0	0	1.5	0	0	7	X	X	85	G	15	20	0.5	0.25	45	45	SLT	SLT	15	30	1B	1B	X			
104	West Barnitz Creek	19101	280	0.1	0.2	0.1	2	6	50	30	0	0	0	0	30	0	0	0	X	0	0	5	16	0	0	0	0	0.25	0	0	85	X	X	85	M	65	15	0.75	1	65	35	SLT	SLT	12	30	1B	1A	X			
104	West Barnitz Creek	19101	300	0.3	0.4	0.3	2	5	80	0	0	0	0	0	20	0	0	X	0	0	0	4	12	0.25	0	0	0	0.5	0	0	60	X	X	85	M	85	0	0.75	0	70	35	SLT	SLT	10	40	1B	1A	X			
104	West Barnitz Creek	19101	320	0.1	0.1	0.1	1.5	11	65	0	0	0	0	0	35	0	0	X	0	0	0	0.5	4	0	0	0	0	0.25	0	0	15	X	X	80	M	15	0	0.5	0	55	40	SLT	SLT	3	45	1B	1A	X			
104	West Barnitz Creek	19101	340	0.4	0.6	0.4	2	6	70	0	0	0	0	0	15	15	0	X	0	0	0.25	1.25	15	0	0	0	0	0	0	0	70	X	0	70	M	20	75	0.75	1.5	35	40	SND	SLT	20	50	1C	1B	0	25		2
104	West Barnitz Creek	19101	360	0.1	0.2	0.1	2	6	40	0	0	0	0	0	60	0	0	X	0	0	0	3	15	0	0	0	0	0	0	0	85	0	0	70	M	50	60	1	1	45	65	SLT	SLT	20	5	1C	1B	X			
104	West Barnitz Creek	19101	380	0.2	0.3	0.2	2	5	95	0	0	0	0	0	5	0	0	X	0	0	0.5	2	22	0	0.5	0	0	0.25	0	0	45	X	X	75	M	20	15	0.5	0.75	65	35	SLT	SLT	17	10	1C	1B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	West Barnitz Creek	19101	400	0.1	0.2	0.1	2	4.5	100	0	0	0	0	0	0	0	0	X	0	0	0	0	1	0	0	0	0	0	0	0	65	0	X	85	M	15	10	0.25	0.25	60	25	SLT	SLT	30	15	1C	1C	X			
104	Quartermaster Creek	19100	20	0.6	0.7	0.4	4	4.5	90	0	0	0	0	0	10	0	0	X	0	0	0.25	1	0.5	0.25	0	0	0	0	0	0	20	0	0	85	G	20	80	0.5	0.75	60	65	SLT	SLT	7	5	1B	2B	X			
104	Quartermaster Creek	19100	40	0.3	0.4	0.4	4.5	5.5	10	10	65	5	0	0	10	0	0	X	0	0	0	1.5	0.5	0	0	0	0	0.25	20	0	35	0	0	80	G	10	30	0.5	0.75	50	60	SLT	SLT	12	8	2B	2B	X			
104	Quartermaster Creek	19100	60	0.3	0.3	0.2	5	6	20	0	55	15	0	0	10	0	0	X	0	0	2	5	4	0.25	0	0	0	0.5	45	0	8	X	X	80	G	50	15	1	0.5	80	70	SLT	SLT	3	3	2A	2A	X			
104	Quartermaster Creek	19100	80	0.1	0.1	0.1	5	5.5	5	0	70	20	0	0	5	0	X	0	0	0	0.5	0.75	0.25	0.5	0	0	0	0.5	85	0	1	0	X	90	G	65	0	0.75	0	55	50	SLT	SLT	15	15	1B	1B	X			
104	Quartermaster Creek	19100	100	0.4	0.4	0.4	5	10	80	5	0	0	0	0	5	10	0	X	0	0	0.5	0.75	0	0.5	1.5	0	0	0.25	47	0	3	X	X	85	G	0	85	0	1	40	50	SND	C	15	4	2B	2B	X			
104	Quartermaster Creek	19100	120	0.3	0.3	0.3	4	50	70	0	0	0	0	0	0	30	0	X	0	0	0	0.25	0.25	0	1.5	0	0	0	2	0	50	0	0	75	M	90	45	1	3	60	45	SLT	SLT	7	7	1B	2B	X			
104	Quartermaster Creek	19100	140	0.2	0.2	0.2	2.5	6	10	40	10	0	0	0	20	20	0	0	X	0	0	0.5	3	0	0	0	0	0	2	0	75	X	0	85	M	70	60	1	0.75	75	60	HPC	SND	10	7	1B	2B	X			
104	Quartermaster Creek	19100	160	0.3	0.3	0.1	3	6	30	10	25	0	0	0	35	0	0	X	X	0	0.25	6	15	0.5	0	0	0	0	40	0	35	X	X	90	M	30	25	0.75	0.5	65	70	SND	SND	12	6	1B	1B	X			
104	Quartermaster Creek	19100	180	0.6	1	0.8	4	5	30	20	15	0	0	0	0	35	0	X	0	0	0	5	3	0.25	0.5	0	0	0	15	0	60	X	0	85	M	25	75	0.5	1	45	55	SND	SLT	25	14	1B	1B	X			
104	Quartermaster Creek	19100	200	0.1	0.1	0.2	4	5	85	0	0	0	0	0	15	0	0	0	X	0	0	1.5	2	0	0	0	0	0	1	0	45	0	X	90	M	30	40	0.75	0.5	55	50	SLT	SLT	20	7	1B	2B	X			
104	Quartermaster Creek	19100	220	0.2	0.2	0.3	4	6	85	0	0	0	0	0	5	10	0	X	0	0	0.5	0	1	0	0	0	0	0	0	0	70	X	0	80	M	0	30	0	0.25	65	45	SLT	SLT	30	10	1B	1B	X			
104	Quartermaster Creek	19100	240	0.3	0.4	0.2	3.5	4.5	50	20	0	0	0	0	30	0	0	X	0	0	0	0	0.25	0	0.25	0	0	0	0	0	85	0	0	85	M	15	10	0.5	0.5	75	40	SLT	SLT	35	7	1B	2A	X			
104	Quartermaster Creek	19100	260	0.3	0.4	0.3	3	4	65	0	0	0	0	0	5	30	0	X	0	0	0	0.75	0.25	0	0	0	0	0	0	0	20	0	0	90	M	25	0	0.5	0	65	70	SLT	SLT	10	10	1B	2B	X			
104	Quartermaster Creek	19100	280	0.6	0.2	0.2	6	7	20	40	0	0	0	0	20	20	0	X	0	0	0.5	10	15	0	0	0	0	0	0	0	17	0	0	90	G	30	0	0.75	0	75	50	SLT	SLT	15	5	1B	2B	X			
104	Quartermaster Creek	19100	300	0.3	0.3	0.3	3	4	55	0	5	0	0	0	10	30	0	X	0	0	1	0.75	0.5	0	0	0	0	0	1	0	65	0	X	85	M	30	0	1.25	0	85	45	SLT	SLT	15	7	1B	2B	X			
104	Quartermaster Creek	19100	320	0.4	0.3	0.2	3	5	60	20	0	0	0	0	10	10	0	X	0	0	0	0	0.5	0.25	0	0	0	0	0	0	75	0	0	75	M	50	60	0.5	0.25	65	45	SLT	SLT	7	12	1B	1B	X			
104	Quartermaster Creek	19100	340	0.2	0.1	0.1	3	5	30	0	0	0	0	0	10	60	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	70	0	X	75	M	5	65	0.5	0.25	60	50	SLT	SLT	7	7	1B	1B	X			
104	Quartermaster Creek	19100	360	0.2	0.2	0.2	4	6	10	30	0	0	0	0	10	50	0	0	X	0	0	0.5	5	0	0	0	0	0	3	0	65	0	X	85	M	15	30	0.5	0.5	75	45	SLT	SLT	12	7	1B	1B	X			
104	Quartermaster Creek	19100	380	0.3	0.3	0.3	3.5	5	45	10	10	0	0	0	25	10	0	X	X	0	0	1.5	5	0	0	0	0	0.25	0	0	20	0	0	75	G	50	0	0.5	0	70	65	SLT	SLT	10	10	2B	2B	X			
104	Quartermaster Creek	19100	400	0.2	0.3	0.3	3.5	5	40	30	0	0	0	0	20	10	0	X	0	0	0	1	3	0	0	0	0	0	5	0	45	0	X	85	M	60	15	0.5	0.5	65	65	SLT	SLT	8	7	1B	1B	X			
104	Washita River # 384	23115	20	0.2	0.2	0.2	4	9	0	100	0	0	0	0	0	0	0	0	X	0	1	0	2	0	0	0	0	0	0	0	10	0	X	90	M	0	0	0	0	45	30	SND	SND	50	50	2B	2B	X			
104	Washita River # 384	23115	40	0.3	0.2	0.2	4	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	0	0	0	40	X	X	80	M	0	0	0	0	45	20	SND	SND	10	10	2B	2B	X			
104	Washita River # 384	23115	60	0.2	0.2	0.3	5	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0.5	0	0	0	0	0	0	60	X	X	75	M	0	0	0	0	25	45	SND	SND	50	50	2B	2B	0			2
104	Washita River # 384	23115	80	0.2	0.2	0.2	6	12	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	50	0	X	60	M	0	0	0	0	10	40	SND	SND	50	50	2B	2B	0	20		3
104	Washita River # 384	23115	100	0.1	0.3	0.2	6	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	0	0	0	50	X	X	40	T	0	0	0	0	15	40	SND	SND	50	50	2B	2B	0	30		3
104	Washita River # 384	23115	120	0.4	0.2	0.1	5	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	25	0	0	75	G	0	0	0	0	45	30	SND	SND	50	50	2B	2B	0			2
104	Washita River # 384	23115	140	0.6	0.2	0.2	7	11	0	90	0	0	0	0	10	0	0	X	X	0	0.5	1	3	0	0	0	0	0	0	0	20	0	X	85	G	0	0	0	0	70	15	SND	SND	50	50	2B	2B	X			
104	Washita River # 384	23115	160	0.4	0.2	0.1	5	10	0	100	0	0	0	0	0	0	0	0	X	0	0.5	1	3	0	0	0	0	0	0	0	30	X	X	70	M	0	0	0	0	25	40	SND	SND	50	50	2B	2B	0			1
104	Washita River # 384	23115	180	0.2	0.2	0.2	6	10	0	100	0	0	0	0	0	0	0	0	X	0	0.5	1	2	0	0	0	0	0	0	0	40	X	X	80	M	0	0	0	0	10	50	SND	SND	50	50	2B	2B	0	10		2
104	Washita River # 384	23115	200	0.1	0.3	0.2	6	10	0	100	0	0	0	0	0	0	0	0	X	0	0	1	2	0	0	0	0	0	0	0	75	0	0	80	M	0	0	0	0	15	45	SND	SND	50	50	2B	2B	X			
104	Washita River # 384	23115	220	0.2	0.2	0.3	6	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	2	0	0	0	0	0	0	0	90	0	0	90	T	0	0	0	0	25	45	SND	SND	50	50	2B	2B	X			
104	Washita River # 384	23115	240	0.2	0.2	0.1	7	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	90	X	X	85	M	0	0	0	0	40	35	SND	SND	50	50	2B	2B	0	10		
104	Washita River # 384	23115	260	0.1	0.2	0.1	7	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	90	0	X	80	T	0	0	0	0	25	40	SND	SND	50	50	2B	2B	0	10		
104	Washita River # 384	23115	280	0.1	0.1	0.2	7	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	90	0	X	80	T	0	0	0	0	25	45	SND	SND	50	50	2B	2B	0	5		

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Washita River # 384	23115	300	0.3	0.1	0.1	7	9	0	100	0	0	0	0	0	0	0	0	X	0	0	3	3	0	0	0	0	0	0	0	90	X	X	80	T	0	0	0	0	30	45	SND	SND	50	50	2B	2B	X			
104	Washita River # 384	23115	320	0.2	0.2	0.1	7	9	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	0	0	0	80	X	X	75	T	0	0	0	0	40	40	SND	SND	50	50	2B	2B	0	5		2
104	Washita River # 384	23115	340	0.1	0.2	0.1	7	10	0	100	0	0	0	0	0	0	0	0	X	0	0	1	1	0	0	0	0	0	0	0	85	X	X	75	M	0	0	0	0	35	40	SND	SND	50	50	2B	2B	0	10		2
104	Washita River # 384	23115	360	0.1	0.1	0.2	8	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	0	0	0	75	0	X	75	T	0	0	0	0	30	45	SND	SND	50	50	2B	2B	0			2
104	Washita River # 384	23115	380	0.3	0.1	0.2	6	11	0	90	0	0	0	0	10	0	0	0	X	0	0	1	2	0	0	0	0	0	0	0	75	X	X	80	T	0	0	0	0	15	60	SND	SND	50	50	2B	2B	X			
104	Washita River # 384	23115	400	0.1	0.2	0.2	6	11	0	100	0	0	0	0	0	0	0	0	X	0	0	0	2	0	0	0	0	0	0	0	75	0	X	80	T	0	0	0	0	10	60	SND	SND	50	50	2B	2B	X			
104	Shell Creek	19352	20	0.5	0.4	0.2	4.5	5.5	30	0	50	0	0	0	30	0	0	X	0	0	0.5	1	1	0	0	0	0	0	30	0	80	X	X	45	M	50	65	0.75	0.75	35	60	SND/C	SND/C	45	50	1A	1A	X			
104	Shell Creek	19352	40	0.4	0.5	0.2	6	7	30	0	40	5	0	0	25	0	0	X	0	0	1	0.5	0.5	0.25	0	0	0	0	10	0	75	0	0	60	M	80	15	0.75	0.5	40	80	SND/C	SND/C	20	50	1A	1A	X			
104	Shell Creek	19352	60	0.3	0.8	0.4	5	5.5	50	0	5	0	0	0	25	20	0	X	0	0	4	3	2	0.25	0	0	0	0	4	0	65	0	0	55	M	65	65	0.75	1	80	60	SND/C	SND/C	30	50	1A	1A	X			
104	Shell Creek	19352	80	0.7	0.8	0.5	6.5	6.5	40	0	15	0	0	0	35	20	0	X	0	0	0.25	1	10	0.5	0	0	0	0	3	0	70	0	0	65	M	40	55	0.75	0.5	65	75	SND/C	SND/C	35	30	1A	1A	X			
104	Shell Creek	19352	100	0.2	0.4	0.3	5	9	15	10	45	0	0	0	25	20	0	X	0	0	4	3	2.5	0.25	0	0	0	0	25	0	75	X	X	65	M	20	40	0.5	1.5	45	65	SND/GRV	HPC	35	5	1A	1C	X			
104	Shell Creek	19352	120	0.45	0.65	0.6	6	6.5	25	10	0	0	0	0	15	50	0	X	0	0	7	3	7	0	0	0	0	0.25	5	0	40	0	X	55	M	80	15	2	0.5	40	65	SND/C	HPC	20	20	1A	1A	X			
104	Shell Creek	19352	140	0.4	0.5	0.6	4	4	25	0	0	0	0	0	60	15	0	X	0	0	0.5	3	15	1	0	0	0	0.25	2	0	55	0	X	65	M	20	35	0.5	0.75	45	65	SND/C	SND/C	25	35	1A	1A	X			
104	Shell Creek	19352	160	0.4	0.6	0.5	5	9	15	0	0	0	0	0	50	35	0	X	0	0	1	15	20	1	0	0	0	0.25	7	0	60	0	0	75	M	15	15	0.5	0.25	75	60	HPC	SND	20	30	1A	1A	X			
104	Shell Creek	19352	180	0.5	0.7	0.5	8	9	50	0	0	0	0	0	40	10	0	X	0	0	1	10	7	0.5	0	0	0	0.25	0.5	0	55	X	0	80	M	10	15	1	0.5	65	50	SND/C	HPC	50	15	1A	1A	X			
104	Shell Creek	19352	200	0.5	0.7	0.5	5.5	6	10	0	0	5	0	0	5	80	0	X	0	0	3	2	7	0.25	1	0	0	0.25	4	0	50	0	X	85	M	10	5	0.75	0.5	65	65	HPC	HPC	10	20	1A	2A	X			
104	Shell Creek	19352	220	0.3	0.1	0.1	7.5	8	0	0	5	0	0	0	0	95	0	X	0	0	0	0	0.5	0.25	3	0	0.25	0.5	2	0	45	X	X	70	M	15	15	0.5	1	60	65	SND/C	SND/C	15	5	2B	2B	X			
104	Shell Creek	19352	240	0.1	0.1	0.2	6	6	0	0	0	0	0	0	5	95	0	X	0	0	0	0	0.75	0	0	0	0.25	2	0	50	0	0	X	80	S	20	0	1	0	60	45	SND/C	SND/C	30	35	2A	2A	X			
104	Shell Creek	19352	260	0.1	0.1	0.1	7	8	0	0	10	15	0	0	10	65	X	0	0	0	0	0	0.5	0	4	0	0	1.5	35	10	20	0	X	80	S	2	0.5	20	0.75	45	65	HPC	HPC	30	30	2B	2A	X			
104	Shell Creek	19352	280	0.1	0.1	0.1	3.5	6	15	10	15	15	0	0	15	30	X	0	0	0	0	0.25	1	0	0	0	0	0	40	5	55	X	X	65	M	5	0.5	60	0.75	55	40	SND/GRV	HPC	5	30	2B	2A	X			
104	Shell Creek	19352	300	0.4	0.3	0.4	5	5.5	45	0	0	0	0	0	5	50	0	X	0	0	0	0	0.5	0	1.5	0	0	0.25	35	0	35	0	X	85	S	0	30	0	0.15	35	70	SND/C	SND/C	40	30	2A	2B	X			
104	Shell Creek	19352	320	0.2	0.2	0.2	4	4	0	0	5	0	0	0	95	0	0	X	X	0	2	0	0.75	0	1	0	0	1	25	0	15	X	X	90	S	10	0	0.5	0	70	65	SND/C	SND/C	25	25	2B	2B	X			
104	Shell Creek	19352	340	0.4	0.5	0.4	6	6.5	35	5	10	15	0	0	20	15	0	X	0	0	2	1	5	1	0	0	0	1.5	30	0	25	X	X	80	S	10	25	0.5	0.75	60	45	HPC	HPC	30	30	2B	2B	X			
104	Shell Creek	19352	360	0.3	0.3	0.2	4	4.5	10	0	0	0	0	0	0	90	0	X	0	0	0	4	2	0.5	0	0	0	2.5	27	0	25	0	X	75	S	40	35	1	1	65	65	SND/C	SND/C	25	20	2B	2B	X			
104	Shell Creek	19352	380	0.2	0.3	0.2	5	5.5	5	0	5	0	0	0	0	90	0	X	0	0	0	0.5	3	0	1	0	0	4	20	0	12	0	X	90	M	5	10	0.25	0.25	55	65	SND/C	SND/C	5	10	2B	2B	X			
104	Shell Creek	19352	400	0.4	0.6	0.2	5.5	6	10	0	15	0	0	0	15	60	0	X	0	0	0.5	0	1.5	1	0.5	0	0	2	20	0	20	0	X	80	M	40	30	1	0.75	70	70	SND/C	SND/C	25	50	1A	1A	X			
104	Bear Creek	18766	20	0.2	0.1	0.1	5	7	5	85	0	0	0	0	10	0	0	0	X	0	0.25	0	2	1	0	0	1	2	0	0	10	X	X	75	G	0	10	0	0.5	30	40	SND	SND	20	20	2B	1B	X			
104	Bear Creek	18766	40	0.1	0.2	0.1	5.5	7.5	0	90	0	0	0	0	10	0	0	0	X	0	0.25	0.5	0.5	0.5	0	0	0	2	0	0	8	X	X	95	M	0	15	0	0.25	35	30	SND	SND	15	20	1A	1A	X			
104	Bear Creek	18766	60	0.1	0.2	0.2	7	9	0	95	0	0	0	0	5	0	0	X	X	0	0.25	0	4	0.25	0	0	0	2	0	0	4	X	X	60	M	100	0	1.5	0	65	30	SND	SND	3	10	1B	1C	X			
104	Bear Creek	18766	80	0.1	0.2	0.2	5	11	0	90	0	0	0	0	10	0	0	X	X	0	1	0	0	0	0	0	1	3	0	0	3	X	X	65	G	70	0	1.5	0	45	25	SND	SND			2B	2C	0	60	2	2
104	Bear Creek	18766	100	0.2	0.2	0.1	4	11	0	95	0	0	0	0	5	0	0	0	X	0	0.25	0	0	0	0	0	1	2	0	0	1	X	X	55	G	100	0	1.5	0	40	25	SND	SND			2B	2C	0	40	1	1
104	Bear Creek	18766	120	0.1	0.1	0.1	5.5	10	0	90	0	0	0	0	10	0	0	0	X	0	0.25	0	0.25	0	0	0	4	1	0	0	1	X	X	55	G	100	0	1.25	0	50	25	SND	SND			2B	2C	0	60	4	1
104	Bear Creek	18766	140	0.1	0.2	0.3	3.5	8	5	95	0	0	0	0	0	0	0	X	0	0	1.5	0	0.25	0	0	0	0	1.5	0	0	35	X	X	60	G	80	60	0.75	0.75	40	45	SND	SND			2B	2B	0	25	2	1
104	Bear Creek	18766	160	0.1	0.1	0.2	4	7	0	95	0	0	0	0	5	0	0	0	X	0	1	0	0	0.5	0	0	0	1.5	0	0	20	X	X	65	G	10	30	0.5	0.5	20	65	SND	SND	5	5	2B	2B	0	15	1	1
104	Bear Creek	18766	180	0.1	0.1	0.1	5	8	0	97	0	0	0	0	3	0	0	0	X	0	0	0	0.25	0	0	0	1.5	0.5	0	0	25	X	X	60	M	5	65	0.25	0.75	35	45	SND	SND	5	2	2B	2B	0	15	2	3

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Bear Creek	18766	200	0.1	0.1	0.1	5.5	9	0	90	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	35	X	X	65	G	35	85	0.75	1	40	45	SND	SND			2B	2C	0	60	2	1
104	Bear Creek	18766	220	0.2	0.2	0.2	4	8	0	90	0	0	0	0	10	0	0	X	0	0	0	0	0	0.5	0	0	0	10	0	0	12	0	X	65	G	5	100	0.25	1.25	30	20	SND	SND			2C	2C	0	40		1
104	Bear Creek	18766	240	0.2	0.3	0.1	4	10	0	95	0	0	0	0	5	0	0	X	X	0	0.5	0	0.5	0.5	0	0	0	1	0	0	17	X	X	60	M	0	100	0	1.5	25	50	SND	SND	10	3	2C	1C	0	15		1
104	Bear Creek	18766	260	0.1	0.2	0.5	6	10	0	85	0	0	0	0	15	0	0	X	X	0	0.5	1	1.5	0	0	0	3	0	0	0	7	X	X	65	M	70	15	0.75	0.25	35	35	SND	SND	25		1C	2C	0	15	2	2
104	Bear Creek	18766	280	0.1	0.1	0.2	5.5	9	5	90	0	0	0	0	5	0	0	0	X	0	0	1	1	0	0	0	0	1.5	0	0	17	X	X	60	M	75	10	0.75	0.25	50	30	SND	SND	17	10	1C	2C	0	40	2	1
104	Bear Creek	18766	300	0.1	0.2	0.2	5	7	0	95	0	0	0	0	5	0	0	0	X	0	0	0	0	0.25	0	0	0	4	0	0	8	X	X	65	M	100	5	1	0.25	35	40	SND	SND	10		1C	2C	0	15		1
104	Bear Creek	18766	320	0.2	0.1	0.1	3.5	6	0	85	0	0	0	0	15	0	0	X	X	0	0	0	1.5	0	0	0	4	1	0	0	8	X	X	70	M	40	15	0.75	0.5	45	30	SND	SND	12		1C	2C	0	10	2	1
104	Bear Creek	18766	340	0.2	0.1	0.1	6	7.5	0	96	0	0	0	0	4	0	0	0	X	0	0	0	0.25	0	0	0	3	1	0	0	5	X	X	70	G	30	5	0.5	0.5	35	30	SND	SND	30		1B	2C	0	50	1	1
104	Bear Creek	18766	360	0.3	0.2	0.2	3	5	0	80	0	0	0	0	20	0	0	0	X	0	0.5	0	0	2	0	0	10	15	0	0	25	0	X	80	G	30	15	0.5	0.5	30	30	SND	SND	50		1B	2B	0	10		
104	Bear Creek	18766	380	0.2	0.2	0.1	4	7	0	85	5	0	0	0	10	0	0	0	X	0	0	0	0	0	0	0	7	5	0	0	5	0	X	85	G	30	25	0.5	0.5	30	35	SND	SND			2B	2B	0	10	1	1
104	Bear Creek	18766	400	0.1	0.2	0.3	3	9	0	90	0	0	0	0	10	0	0	X	X	0	0.25	0	0.25	0	0	0	3.5	0.5	0	0	2	X	X	70	G	20	50	0.5	0.5	30	20	SND	SND			2B	2B	0	40	1	1
104	Trail Creek, Dewey Co.	23008	20	0.4	0.2	0.2	3	5	50	50	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0.5	0	0	0	2	0	0	0	X	X	70	G	0	5	0	1	85	80			25	50	2B	1B	X			
104	Trail Creek, Dewey Co.	23008	40	0.2	0.2	0.2	4	6	25	75	0	0	0	0	0	0	0	0	X	0	0.5	0.5	1	0	0	0	0	1	0	0	1	X	X	75	G	0	0	0	0	75	70			50	50	2B	1B	X			
104	Trail Creek, Dewey Co.	23008	60	0.3	0.3	0.2	3	4	30	70	0	0	0	0	0	0	0	0	X	0	1	2	1	1	0	0	0	2	0	0	40	X	X	75	G	0	5	0	1	45	80			50	50	1B	1B	X			
104	Trail Creek, Dewey Co.	23008	80	0.5	0.2	0.2	3	5	10	90	0	0	0	0	0	0	0	0	X	0	2	0	0	1	0	0	0	1	0	0	10	X	X	60	G	0	0	0	0	65	65			50	50	1B	1B	X			
104	Trail Creek, Dewey Co.	23008	100	0.6	0.4	0.2	2	6	60	40	0	0	0	0	0	0	0	0	X	0	1	0.5	0.5	1	0	0	0	2	0	0	0	X	X	80	M	5	5	2	1	55	75			50	50	1B	1B	X			
104	Trail Creek, Dewey Co.	23008	120	0.2	0.2	0.1	4	5	25	75	0	0	0	0	0	0	0	0	X	0	2	0.5	0	0	5	0	0	3	0	0	0	X	X	70	G	0	0	0	0	80	70			50	50	1B	1B	X			
104	Trail Creek, Dewey Co.	23008	140	0.2	0.5	0.3	3	7	50	25	0	0	25	0	0	0	0	0	X	0	0	0.5	1	0	3	0	0	0.5	0	0	1	X	X	25	M	0	1	0	2	45	75			50	50	1B	1B	X			
104	Trail Creek, Dewey Co.	23008	160	0.4	0.3	0.2	2	5	50	50	0	0	0	0	0	0	0	0	X	0	1	0	2	0.5	0	0	0	0.5	0	0	1	X	X	80	G	0	5	0	2	45	80			50	50	1B	1B	X			
104	Trail Creek, Dewey Co.	23008	180	0.2	0.2	0.2	3	4	30	70	0	0	0	0	0	0	0	0	X	0	0.5	0.5	2	2	0	0	0	3	0	0	0	X	X	70	G	0	0	0	0	80	80			50	50	1B	1B	X			
104	Trail Creek, Dewey Co.	23008	200	0.1	0.2	0.2	4	6	60	40	0	0	0	0	0	0	0	0	X	0	0.5	1	2	1	0	0	0	2	0	0	40	X	X	60	G	0	0	0	0	85	60			30	50	2B	1B	X			
104	Trail Creek, Dewey Co.	23008	220	0.2	0.2	0.3	3	6	30	70	0	0	0	0	0	0	0	X	X	0	0	2	1	0.5	0	0	0.5	0.5	0	0	0	X	X	50	G	0	20	0	5	60	75			25	25	2B	2B	X			
104	Trail Creek, Dewey Co.	23008	240	0.7	0.6	0.3	3	5	30	65	0	0	0	0	5	0	0	X	X	0	0	0	2	1	0	0	0	2	0	0	0	X	X	50	G	0	30	0	3	45	85			15	15	2B	2B	X			
104	Trail Creek, Dewey Co.	23008	260	0.5	0.3	0.2	3	5	10	90	0	0	0	0	0	0	0	0	X	0	2	2	1	0	0	0	0	2	0	0	40	X	X	70	G	0	0	0	0	85	60			10	15	1B	2B	0			1
104	Trail Creek, Dewey Co.	23008	280	0.3	0.3	0.4	2	3	5	95	0	0	0	0	0	0	0	0	X	0	1	0	0	3	0	0	0	0.5	0	0	20	0	X	70	G	0	0	0	0	80	65			10	10	2B	2B	X			
104	Trail Creek, Dewey Co.	23008	300	0.3	0.5	0.2	5	6	65	35	0	0	0	0	0	0	0	X	X	0	1	1	2	0.5	0	0	0	0.5	0	0	5	X	X	70	G	5	0	1	0	85	70			25	10	2B	2B	X			
104	Trail Creek, Dewey Co.	23008	320	0.3	0.2	0.3	4	6	25	75	0	0	0	0	0	0	0	0	X	0	2	0.5	0.5	1	0	0	0	1	0	0	0	X	X	85	G	0	0	0	0	60	75			40	15	2B	2B	X			
104	Trail Creek, Dewey Co.	23008	340	0.2	0.2	0.2	3	5	30	70	0	0	0	0	0	0	0	0	X	0	2	0	0.5	2	0	0	0	0	0	0	40	X	X	75	G	0	5	0	1	65	75			25	25	2B	2B	X			
104	Trail Creek, Dewey Co.	23008	360	0.5	0.4	0.1	3	6	40	55	0	0	0	0	1	4	0	X	X	0	1	0	1	1	0	0	0	0.5	0	0	5	X	X	50	G	5	0	1	0	85	50			0	25	2B	2B	X			
104	Trail Creek, Dewey Co.	23008	380	0.3	0.2	0.2	4	6	20	80	0	0	0	0	0	0	0	X	X	0	0	0.5	0.5	0	0	0	0	0.5	0	0	5	X	X	75	G	0	0	0	0	85	75			5	40	2B	2B	X			
104	Trail Creek, Dewey Co.	23008	400	0.3	0.1	0.1	4	7	2	98	0	0	0	0	0	0	0	0	X	0	3	2	2	0.5	0	0	0	1	0	0	10	X	X	85	G	0	0	0	0	75	60			15	30	2B	2B	X			
104	Canadian River	19115	20	0.1	0.1	0.1	8	40	0	100	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	X	X	95	G	0	0	0	0	10	10	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	40	0.1	0.1	0.1	6	40	0	100	0	0	0	0	0	0	0	X	0	0	0	0	0.5	0	0	0	0	0	0	0	0	X	X	95	G	0	0	0	0	10	10	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	60	0.1	0.1	0.1	8	40	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	0	X	X	95	G	0	0	0	0	10	10	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	80	0.1	0.1	0.1	8	50	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	95	G	0	0	0	0	10	30	SND	SND	50	50	2A	2A	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Canadian River	19115	100	0.1	0.2	0.2	6	60	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	95	S	0	0	0	0	5	40	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	120	0.1	0.1	0.1	5	70	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	95	S	0	0	0	0	5	45	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	140	0.1	0.1	0.1	6	70	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	95	G	0	0	0	0	5	45	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	160	0.1	0.1	0.1	5	70	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	95	G	0	0	0	0	5	55	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	180	0.1	0.1	0.1	8	70	0	100	0	0	0	0	0	0	0	0	X	0	0.5	0	0	0	0	0	0	0	0	0	0	X	X	95	G	0	0	0	0	5	60	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	200	0.1	0.1	0.2	6	70	0	100	0	0	0	0	0	0	0	0	X	0	0.5	0	0	0	0	0	0	0	0	0	0	X	X	95	G	0	0	0	0	5	60	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	220	0.1	0.1	0.1	4	70	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	95	G	0	0	0	0	5	45	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	240	0.1	0.1	0.1	4	60	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	1	0	0	0	X	X	95	G	0	0	0	0	5	45	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	260	0.1	0.1	0.1	6	50	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	95	G	0	0	0	0	10	30	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	280	0.1	0.1	0.1	7	40	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	95	G	0	0	0	0	25	15	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	300	0.2	0.1	0.1	6	45	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	95	G	0	0	0	0	45	10	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	320	0.2	0.2	0.1	5	60	0	100	0	0	0	0	0	0	0	X	0	0	0	0	1	0	0	0	0	1	0	0	0	X	X	95	G	0	0	0	0	45	5	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	340	0.1	0.1	0.1	3	60	0	100	0	0	0	0	0	0	0	X	0	0	0	0	1	0	0	0	0	1	0	0	10	X	X	95	G	0	0	0	0	45	5	SND	SND	50	50	2A	2A	X			
104	Canadian River	19115	360	0.1	0.1	0.1	2	70	0	100	0	0	0	0	0	0	0	0	X	0	0.5	0	0	0.5	0	0	0	0	0	0	5	X	X	95	G	0	0	0	0	45	5	SND	SND	50	50	2B	2A	X			
104	Canadian River	19115	380	0.1	0.1	0.1	3	70	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	95	G	0	0	0	0	30	10	SND	SND	50	50	2B	2A	X			
104	Canadian River	19115	400	0.1	0.1	0.1	3	70	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	X	X	90	G	0	0	0	0	25	15	SND	SND	50	50	2B	2A	X			
104	Un. Trib. To Canadian R.	23007	20	0.2	0.3	0.2	3	5	50	3	17	0	0	0	0	30	0	0	X	0	0	5	10	1	0	0	0	1	15	0	15	X	X	55	M	10	10	1	1	45	60			10	20	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	40	0.3	0.3	0.2	2	5	24	75	1	0	0	0	0	0	0	0	X	0	0	0	5	5	0	0	0	0	10	0	80	X	X	50	M	10	10	1	2	60	65			15	15	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	60	0.1	0.1	0.2	3	5	30	69	1	0	0	0	0	0	0	0	X	0	0	2	2	5	0	0	0	0	0	0	90	X	X	70	M	25	30	1	1	75	70			10	20	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	80	0.2	0.2	0.2	2	4	50	80	0	0	0	0	0	0	0	0	X	0	0	0	3	0	0	0	1	1	0	0	70	X	X	60	G	0	25	0	2	60	75			10	10	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	100	0.1	0.2	0.3	3	4	20	75	0	0	0	0	0	5	0	0	X	0	0	0.5	1	3	0	0	0	1	0	0	60	0	X	75	G	0	5	0	1	65	75			20	5	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	120	0.3	0.3	0.2	2	3	50	50	0	0	0	0	0	0	0	X	0	0	1	0	0	2	0	0	0	2	0	0	10	X	X	45	G	0	95	0	4	80	90			20	0	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	140	0.1	0.1	0.2	4	5	30	60	5	0	0	0	0	5	0	0	X	0	1	0	0	0	0	0	0	1	0	0	5	X	X	50	G	0	60	0	3	75	75			25	3	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	160	0.2	0.3	0.1	3	5	30	35	35	0	0	0	0	0	0	0	X	0	0	1	2	2	0	0	0	1	0	0	80	X	X	80	G	0	10	0	2	80	50			5	2	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	180	0.1	0.2	0.2	3	4	15	80	0	0	0	0	0	5	0	0	X	0	0.5	0	1	1	0	0	0	2	0	0	20	0	X	60	G	0	50	0	3	80	85			15	2	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	200	0.2	0.2	0.2	2	4	5	70	0	0	0	0	0	25	0	0	X	0	0.5	0.5	1	1	0	0	0	1	0	0	45	0	X	60	G	0	40	0	2	60	80			15	0	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	220	0.1	0.2	0.4	3	5	50	50	0	0	0	0	0	0	0	X	0	0	1	0	0	2	0	0	0	0.5	0	0	15	X	X	60	G	10	10	2	2	85	80			20	2	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	240	0.1	0.2	0.3	2	3	15	80	0	0	0	0	0	5	0	0	X	0	1	0.5	1	0	0	0	0	1	0	0	1	0	X	70	G	5	50	1	4	75	80			25	0	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	260	0.2	0.5	0.2	3	6	15	80	5	0	0	0	0	0	0	X	X	0	0	10	10	5	0	0	0	2	0	0	45	X	X	80	G	0	10	0	3	75	75			20	5	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	280	0.2	0.3	0.2	3	5	50	50	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	1	0	0	60	X	X	75	G	0	0	0	0	70	45			10	15	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	300	0.2	0.3	0.3	2	5	40	50	0	0	0	0	10	0	0	0	X	0	0.5	0	0.5	0	0	0	0	2	0	0	40	X	X	80	G	0	0	0	0	50	55			15	5	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	320	0.2	0.2	0.1	3	3	30	70	0	0	0	0	0	0	0	0	X	0	0.5	0	1	1	0	0	0	1	0	0	30	X	X	80	G	0	5	0	1	65	50			15	5	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	340	0.2	0.2	0.2	3	6	5	85	0	0	0	0	0	10	0	0	X	0	0	0	2	1	0	0	0	0.5	0	0	80	X	X	75	G	0	0	0	0	70	50			10	10	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	360	0.2	0.1	0.2	3	4	30	70	0	0	0	0	0	0	0	0	X	0	0	2	2	2	0	0	0	1	0	0	85	0	X	85	G	0	1	0	1	60	85			10	5	2B	2B	X			
104	Un. Trib. To Canadian R.	23007	380	0.2	0.2	0.2	3	4	10	90	0	0	0	0	0	0	0	0	X	0	0	0	2	1	0	0	0	0.5	0	0	60	0	X	90	G	0	0	0	0	70	80			15	5	2B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Un. Trib. To Canadian R.	23007	400	0.2	0.2	0.2	2	3	15	70	0	0	0	0	0	15	0	0	X	0	0.5	2	3	1	0	0	0	1	0	0	60	0	X	95	G	0	0	0	0	80	70			20	2	2B	2B	X			
104	Red Creek	19116	20	0.1	0.1	0.1	0.5	2	20	80	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	2	0	0	50	X	X	100	S	0	0	0	0	70	70	SND	SND	20	50	2B	2B	X			
104	Red Creek	19116	40	0.1	0.2	0.2	1	3	20	80	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	25	0	2	0	0	50	X	X	100	S	0	0	0	0	70	70	SND	SND	20	50	2B	2B	X			
104	Red Creek	19116	60	0.3	0.8	0.4	2	3	25	75	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	60	0	2	0	0	15	0	X	100	S	0	0	0	0	70	70	SND	SND	20	50	2B	2B	X			
104	Red Creek	19116	80	0.3	0.5	0.3	2	3	50	50	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	25	0	2	0	0	50	0	X	100	S	0	0	0	0	70	70	SND	SND	20	50	2C	2B	X			
104	Red Creek	19116	100	0.2	0.4	0.2	2	4	60	40	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	0	1	0	0	20	0	X	90	G	0	0	0	0	60	50	SND	SND	20	50	2B	1B	0	50	4	4
104	Red Creek	19116	120	0.1	0.1	0.1	0.5	4	80	20	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	20	0	X	80	G	0	0	0	0	45	45	Si&C	SI&C	15	50	2B	1B	X			
104	Red Creek	19116	140	0.4	0.6	0.4	2	4	50	30	0	0	0	0	20	0	0	X	0	0	0	2	2	0	0	0	0	0	0	0	50	0	X	70	M	0	0	0	0	45	45			5	50	2B	1B	X			
104	Red Creek	19116	160	0.1	0.1	0.1	1	4	20	40	20	20	0	0	0	0	0	X	0	0	0	5	5	0	0	0	0	0	0	0	50	X	X	60	M	0	0	0	0	45	50			5	40	2B	1B	0	10		2
104	Red Creek	19116	180	0.1	0.1	0.1	1	3	40	40	0	0	0	0	20	0	0	X	0	0	0	2	2	0	0	0	0	0	0	0	80	X	X	70	M	0	0	0	0	70	70			10	40	2B	1B	X			
104	Red Creek	19116	200	0.1	0.1	0.1	1	3	40	40	0	0	0	0	20	0	0	X	0	0	0	0	0	0	0	20	0	0	0	0	10	X	X	60	S	0	0	0	0	60	50			10	40	2B	1B	X			
104	Red Creek	19116	220	0.1	0.1	0.1	1	3	40	40	0	0	0	0	20	0	0	X	0	0	0	0	0	0	0	20	0	0	0	0	5	X	X	60	S	0	0	0	0	40	80			20	50	2B	2B	X			
104	Red Creek	19116	240	0.1	0.2	0.2	1	3	60	30	0	0	0	0	10	0	0	X	0	0	0	0	0	0	0	20	0	2	0	0	0	X	X	70	S	0	0	0	0	40	80			30	50	2B	2B	X			
104	Red Creek	19116	260	0.2	0.3	0.2	0.5	3	50	50	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	0	2	0	0	0	X	X	80	S	0	0	0	0	50	75			30	50	2B	2B	X			
104	Red Creek	19116	280	0.1	0.1	0.1	1	3	50	50	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	0	1	0	0	20	0	X	70	S	0	0	0	0	75	75			20	50	1B	2B	X			
104	Red Creek	19116	300	0.1	0.1	0.1	1	3	50	50	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	0	1	0	0	0	0	X	75	G	0	0	0	0	45	50			25	50	1B	2B	X			
104	Red Creek	19116	320	0.1	0.1	0.1	1	3	50	50	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	0	2	0	0	0	X	X	85	G	0	0	0	0	40	45	SND	SND	30	50	1B	2B	X			
104	Red Creek	19116	340	0.1	0.1	0.1	3	4	30	70	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	3	0	1	0	0	25	X	X	90	G	0	0	0	0	45	45	SND	SND	40	50	1B	2B	X			
104	Red Creek	19116	360	0.1	0.1	0.1	3	5	30	70	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	4	0	1	0	0	10	X	X	90	G	0	0	0	0	45	40	SND	SND	40	50	1B	2B	X			
104	Red Creek	19116	380	0.1	0.1	0.1	2	3	40	60	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	3	0	2	0	0	0	X	X	85	G	0	0	0	0	40	40	SND	SND	40	50	1B	2B	0	30	3	2
104	Red Creek	19116	400	0.1	0.1	0.1	1	3	40	60	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	3	0	1	0	0	10	X	X	85	G	0	0	0	0	45	40	SND	SND	30	50	1B	2B	X			
104	West Beaver Creek	21703	20	0.3	0.2	0.1	6	7	15	20	55	0	0	0	10	0	X	X	0	0	0.5	0.5	0.5	0.5	0	0	0.5	0.5	40	30	5	X	X	75	g	40	25	2	1.5	70	75	SND	SND	0	0			0	0		
104	West Beaver Creek	21703	40	0.4	0.6	0.4	7	7	15	20	55	10	0	0	0	0	0	X	0	0	0	0.5	0.5	0	0	0	0	0.5	25	0	5	0	0	80	g	0	40	0	2	80	80	SND	SND	0	0			0	0		
104	West Beaver Creek	21703	60	0.5	0.3	0.4	7	7	40	15	35	0	0	0	0	10	0	X	0	0	0.5	1.5	1	0	0	0	0	0.5	15	0	15	0	X	65	g	25	100	1	0.5	80	85	SND	SND	0	0			0	0		
104	West Beaver Creek	21703	80	0.5	0.6	0.5	7	8	30	25	10	0	30	0	5	0	0	X	0	0	0.5	1.5	1	0.5	0	0	0	0.75	12	0	35	0	X	65	m	10	100	0.5	1	75	80	C	C	10	15	1B	1B	0	0		
104	West Beaver Creek	21703	100	0.6	0.5	0.5	5	7	0	50	45	5	0	0	0	0	0	X	0	0	0.5	2	3.5	0.5	0	0	0	0.5	10	0	30	0	0	75	m	15	25	1	1	70	80	C	C	20	15	1B	1B	0	0		
104	West Beaver Creek	21703	120	0.1	0.3	0.4	6	8	20	40	10	0	0	0	30	0	0	X	0	0	0	0.5	2	1	0.5	0	0	0.5	6	0	5	0	X	50	m	50	80	1.5	1.5	75	80	C	C	10	5	1B	1B	0	0		
104	West Beaver Creek	21703	140	0.5	0.3	0.1	7	8	0	0	20	15	15	50	0	0	X	X	0	0	0	0.75	1.5	0.5	1	0	0	0.25	60	10	25	0	X	80	m	60	0	1	0	80	50	C	BLD	20	5	1B	1B	0	0		
104	West Beaver Creek	21703	160	1.1	1.3	0.9	8	9	50	20	5	0	0	0	25	0	0	X	0	0	0	1	1	0.5	1	0	0	0.5	25	0	10	0	X	50	m	70	0	2.5	0	85	65	C	BLD	25	10	1B	1B	0	0		
104	West Beaver Creek	21703	180	0.7	0.8	0.4	8	10	45	20	15	0	0	0	10	10	0	X	0	0	0	1	1.5	0	0	0	0	0.5	6	0	20	X	X	55	g	10	0	1.5	0	80	75	C	C	15	20	1B	1B	0	0		
104	West Beaver Creek	21703	200	0.1	0.1	0.1	3	12	20	0	70	0	0	0	10	0	X	X	0	0	0	0.5	0.75	0	0	0	0	0	25	15	0	X	X	50	g	70	0	1.5	0	70	65	C	C	25	25	1B	1B	0	0		
104	West Beaver Creek	21703	220	0.3	0.5	0.4	4	8	25	0	45	0	0	0	30	0	0	X	0	0	0	0	0.5	0	0.5	0	0	0	3	0	0	X	X	60	g	0	25	0	2.5	50	75	SND	C	30	15	1B	1B	0	0		
104	West Beaver Creek	21703	240	0.3	0.3	0.5	6	10	35	15	50	0	0	0	0	0	0	X	0	0	0	0	0.25	0.25	0.5	0	0	0	2	0	5	X	X	45	g	5	100	1	3	65	85	SND	C	30	10	1B	1B	0	0		
104	West Beaver Creek	21703	260	0.1	0.1	0.1	2	8	0	15	80	5	0	0	0	0	X	0	X	0	0	0	0	0.75	0.75	0	0	0.5	65	5	25	X	X	55	m	40	0	2	0	75	50	SND	SND	30	15	1B	1B	0	0		
104	West Beaver Creek	21703	280	0.4	0.7	0.4	6	8	50	20	0	0	0	0	30	0	0	X	0	0	0.5	2.5	3.5	0	0	0	0	0	5	0	30	0	X	50	m	70	0	3	0	80	70	SND	SND	20	10	1B	1B	0	0		

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	West Beaver Creek	21703	300	0.9	0.5	0.4	6	7	25	20	25	0	5	0	25	0	0	X	0	0	0	1.5	1	0.5	0	0	0	0	10	0	5	0	X	60	m	5	0	1.5	0	75	80	SND	SND	5	0	2B	2B	0	0		
104	West Beaver Creek	21703	320	0.7	0.7	0.6	4	4	0	0	0	0	0	0	10	90	0	X	0	0	0	0.5	1	1.5	0.5	0	0	0.5	0	0	10	0	0	65	m	10	0	1	0	80	70	HPC	SND	10	0	1B	2B	0	0		
104	West Beaver Creek	21703	340	0.7	0.5	0.8	6	6	60	25	0	0	0	0	15	0	0	X	0	0	0.5	0.75	1.5	1	0.5	0	0	0.5	0	0	35	0	X	70	m	25	0	2.5	0	75	70	HPC	SND	0	0			0	0		
104	West Beaver Creek	21703	360	0.4	0.1	0.2	5	7	20	65	0	0	0	0	15	0	0	X	0	0	0	0.5	0.75	0.5	0	0	0	0	0	0	5	0	X	55	g	50	0	3	0	75	75	SND	SND	20	0	1B		0	0		
104	West Beaver Creek	21703	380	0.2	0.2	0.1	4	5	0	10	15	5	0	70	0	0	0	X	X	0	0	0	0.5	0	0.75	0	0	0.5	7	0	20	0	0	80	m	10	0	1	0	85	75	C	SND	25	0	1B		0	0		
104	West Beaver Creek	21703	400	0.1	0.1	0.1	6	8	0	10	60	25	5	0	0	0	X	0	0	0	0	0	0.5	0	0	0	0	0	45	10	50	X	X	75	m	50	10	0.5	1	80	85	C	C	15	0	1B		0	0		
104	Stillwater Creek	21702	20	0.8	0.5	0.5	9	10	90	0	0	0	0	0	10	0	0	X	0	0	1	1	1.5	0.5	0	0	0	0.5	0	0	0	X	X	75	G	0	10	0	2.5	70	80	SND	C	0	0	2B	2B	X			
104	Stillwater Creek	21702	40	1	1.2	1.3	9	9	60	0	15	0	5	0	0	20	0	X	0	0	0.25	0.75	0.5	0	0	0	0	0.5	1.5	0	5	0	0	95	M	0	0	0	0	70	85	SND	C	0	0	2B	2B	X			
104	Stillwater Creek	21702	60	0.3	0.5	0.3	8	9	80	0	0	0	0	0	10	10	X	X	0	0	0.5	2.5	3.5	0	0	0	0	0	50	50	10	0	X	95	M	0	5	0	0.5	75	70	C	C	0	0	2B	2B	X			
104	Stillwater Creek	21702	80	0.5	0.5	0.3	9	9	85	15	0	0	0	0	0	0	0	X	0	0	0	3	2	0	0	0	0	0.25	0	0	10	0	X	80	M	20	0	1	0	85	85	C	SND	0	0	2B	2B	X			
104	Stillwater Creek	21702	100	0.7	1	0.5	8	9	65	10	10	0	0	0	15	0	0	X	0	0	0	0.5	1	0	0	0	0	0.5	0.5	0	15	X	X	80	M	20	0	2	0	85	75	C	SND	0	0	2B	2B	X			
104	Stillwater Creek	21702	120	0.6	0.7	0.4	9	9	75	15	0	0	0	0	10	0	0	X	0	0	0	1	2.5	0.5	0	0	0	0.5	0	0	10	0	X	80	M	40	0	2.5	0	85	80	C	Si&C	0	0	2B	2B	X			
104	Stillwater Creek	21702	140	0.6	1.2	0.6	13	14	80	10	0	0	0	0	10	0	X	X	0	0	0	0.5	1	0.5	0	0	0	0.5	1	10	5	X	X	60	G	0	60	0	2	85	75	SND	C	0	0	2B	2B	X			
104	Stillwater Creek	21702	160	1	1.3	0.8	13	13	75	20	0	0	0	0	5	0	0	X	0	0	0	0.75	0.5	0.5	0	0	0	0.75	0	0	5	0	X	55	G	0	100	0	2.5	85	85	SND	C	0	0	2B	2B	X			
104	Stillwater Creek	21702	180	0.2	0.3	0.5	6	8	25	0	65	0	0	0	10	0	0	X	0	0	0.5	0.75	1.5	0.75	0	0	0	0.5	1.5	0	10	0	0	85	M	20	0	2	0	80	80	C	SND	0	0	2B	2B	X			
104	Stillwater Creek	21702	200	0.4	0.5	0.4	4	5	15	15	65	0	0	0	5	0	0	X	0	0	0	1	2.5	0.5	0	0	0	0.25	6	0	15	0	0	85	M	0	0	0	0	70	75	C	SND	0	0	2B	2B	X			
104	Stillwater Creek	21702	220	0.2	0	0.2	5	6	30	10	0	0	0	0	60	0	0	X	0	0	0	4.5	3	1	0	0	0	0.75	7	0	10	X	X	90	M	0	0	0	0	85	85	C	SND	0	0	2B	2B	X			
104	Stillwater Creek	21702	240	0.3	0.4	0.3	7	8	70	5	5	5	0	0	15	0	0	X	0	0	0.5	2.5	1.5	0.5	0	0	0	1	1	0	25	0	X	90	M	10	0	1.5	0	85	80	SND	SND	0	0	2B	2B	X			
104	Stillwater Creek	21702	260	0.2	0.4	0.3	6	7	5	70	0	5	5	0	15	0	0	X	0	0	0	1.5	2.5	1	0	0	0	0.5	5	0	20	0	X	80	M	40	0	1	0	85	80	SND	SND	0	0	2B	2B	X			
104	Stillwater Creek	21702	280	0.5	0.5	0.4	5	6	15	0	0	0	0	0	10	75	0	X	0	0	0	2	2	0.5	0.75	0	0	0.5	0	0	10	X	X	70	M	0	0	0	0	85	80	BRK	C	0	0	2B	2B	X			
104	Stillwater Creek	21702	300	0.4	0.3	0.2	3	6	65	25	0	0	0	0	10	0	0	X	0	0	0.75	1	1	1.5	2.5	0	0	0.25	0	0	5	X	X	60	M	0	50	0	2.5	80	80	SND	C	0	0	2B	2B	X			
104	Stillwater Creek	21702	320	0.3	0.5	0.5	5	6	45	20	0	0	0	0	10	25	0	X	0	0	0	0.75	1.5	1	0	0	0	0.75	0	0	3	X	X	90	G	0	0	0	0	70	65	SND	SND	0	0	2B	2B	X			
104	Stillwater Creek	21702	340	0.2	0.3	0.2	2	6	0	0	70	0	0	0	0	30	0	X	0	0	0	1	1	0	0	0	0	0	3	0	5	X	X	70	G	0	75	0	1.5	60	70	SND	C	0	0	2B	2B	X			
104	Stillwater Creek	21702	360	0.2	0.3	0.2	4	5	20	0	50	0	0	0	5	25	X	X	0	0	0	0.5	0.5	0	0	0	0	0	4	15	3	X	X	65	G	0	40	0	2.5	70	80	SND	C	0	0	2B	2B	X			
104	Stillwater Creek	21702	380	0.4	0.5	0.4	5	6	0	0	65	0	0	0	0	35	0	X	0	0	1	0.5	0.5	0.5	0	0	0	0.25	4	0	2	0	X	70	G	0	50	0	3	70	85	SND	C	0	0	2B	2B	X			
104	Stillwater Creek	21702	400	0.3	0.3	0.3	4	5	30	0	50	0	0	0	20	0	0	X	0	0	0.5	1	2	1.5	0	0	0	0.5	3	0	15	0	X	90	M	40	10	0.5	1	80	85	C	C	0	0	2B	2B	X			
104	Elm Creek	23108	20	0.2	0.3	0.1	3	6	10	0	10	0	0	0	0	80	0	X	0	0	2	3	4	0	0	0	0	0	2	0	40	0	X	60	M	10	10	1	1	60	70			5	20	1C	1C	X			
104	Elm Creek	23108	40	0.1	0	0.1	2	6	20	0	40	0	0	0	0	40	0	X	X	0	3	0.5	0	0	0	0	0	0	2	0	85	X	X	60	T	5	0	1	0	70	65			10	15	1B	1B	X			
104	Elm Creek	23108	60	0.1	0.3	0.2	2	6	25	5	10	0	0	0	0	60	0	0	X	0	3	0	0	0	0	0	0	0	0.5	0	80	X	X	65	M	0	5	0	1	75	75			5	10	1B	1B	X			
104	Elm Creek	23108	80	0.1	0.1	0.1	2	6	20	15	25	0	0	0	0	40	0	0	X	0	0	0	0.5	0	0	0	0	0	0.5	0	80	X	X	70	G	0	0	0	0	80	85			10	10	1B	1B	X			
104	Elm Creek	23108	100	0.2	0.2	0.3	3	5	35	20	10	0	0	0	0	35	0	0	X	0	0.5	0	0.5	0	0	0	0	0	0	0	85	X	X	80	G	0	0	0	0	70	80			10	15	1B	1B	X			
104	Elm Creek	23108	120	0.2	0.2	0.1	4	7	55	0	10	5	0	0	0	30	0	X	X	0	0	0	1	1	0	0	0	0	3	0	70	X	X	80	M	10	0	1	0	85	85			15	15	1B	1B	X			
104	Elm Creek	23108	140	0.1	0.1	0.1	4	7	65	5	15	0	0	0	0	15	0	0	X	0	0	0	2	2	0	0	0	0	1	0	65	X	X	85	M	0	0	0	0	85	85			15	20	1B	1B	X			
104	Elm Creek	23108	160	0.1	0.1	0.1	4	7	15	5	20	0	0	0	0	60	0	0	X	0	0	0.5	3	0	0	0	0	0	2	0	75	0	X	80	M	0	0	0	0	80	75			5	20	1B	1B	X			
104	Elm Creek	23108	180	0.3	0.3	0.2	4	6	40	5	10	0	0	0	0	45	0	X	0	0	1	0	2	0	0	0	0	0	0	0	80	0	X	75	M	0	0	0	0	75	75			10	15	2B	1B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Elm Creek	23108	200	0.5	0.6	0.4	4	5	50	0	0	0	0	0	0	50	0	X	0	0	0	0	3	2	0	0	0	2	0	0	50	0	X	90	G	25	0	2	0	60	80			5	15	2B	1B	X			
104	Elm Creek	23108	220	0.3	0.4	0.4	4	5	45	0	0	0	0	0	0	55	0	X	0	0	0.5	0	2	0	0	0	0	1	0	0	70	0	X	85	M	0	0	0	0	75	75			10	20	1B	1B	X			
104	Elm Creek	23108	240	0.4	0.4	0.4	4	6	75	0	0	0	0	0	0	25	0	X	0	0	0	3	4	1	0	0	0	0	0	0	80	0	X	60	M	5	0	1	0	80	60			15	10	1B	1B	X			
104	Elm Creek	23108	260	0.2	0	0.3	3	7	30	5	15	0	0	0	0	50	0	0	X	0	0	3	2	2	0	0	0	0	0	0	70	X	X	80	M	0	0	0	0	85	65			15	15	1B	1B	X			
104	Elm Creek	23108	280	0.2	0.3	0.3	4	5	15	15	5	0	0	0	0	65	0	X	0	0	0.5	0	1	1	0	0	0	1	0	0	75	0	X	75	M	0	0	0	0	80	70			20	10	1B	1B	X			
104	Elm Creek	23108	300	0.3	0.3	0.2	3	6	60	5	0	0	0	0	0	35	0	X	0	0	0	0.5	1	0	0	0	0	0	0	0	80	0	X	70	M	0	5	0	1	80	75			15	5	1B	1B	X			
104	Elm Creek	23108	320	0.4	0.5	0.3	4	5	15	10	5	0	0	0	0	70	0	X	0	0	1	0	2	2	0	0	0	0.5	0	0	50	0	X	75	M	5	0	1	0	80	80			20	3	1B	2B	X			
104	Elm Creek	23108	340	0.4	0.6	0.5	4	5	15	5	5	0	0	0	0	75	0	X	0	0	0	0	1	2	0	0	0	1	0	0	60	0	X	65	M	0	0	0	0	80	80			15	5	1B	1B	X			
104	Elm Creek	23108	360	0.3	0.6	0.4	4	5	50	5	0	0	0	0	0	45	0	X	0	0	1	1	2	0	0	0	0	0.5	0	0	65	0	X	75	G	0	0	0	0	85	70			5	5	2B	2B	X			
104	Elm Creek	23108	380	0.4	0.3	0.4	0.5	6	40	10	0	0	0	0	0	50	0	X	0	0	0	2	1	2	0	0	0	0	0.5	0	40	0	X	75	G	5	0	1	0	80	70			15	2	1B	2B	X			
104	Elm Creek	23108	400	0.4	0.3	0.5	5	6	70	5	5	0	0	0	0	20	0	X	0	0	0.5	0.5	0	2	0	0	0	0.5	0	0	30	0	X	80	G	0	5	0	2	80	85			20	3	1B	2B	X			
104	Otter Creek	21706	20	0.5	0.5	0.4	8	12	20	0	60	10	10	0	0	0	0	X	0	0	1	2	1	0	0	0	0	0	20	0	15	X	X	45	M	100	0	1	0	70	70	SND	SND	10	50	1B	1A	X			
104	Otter Creek	21706	40	0.1	0.1	0.2	8	13	0	0	50	20	0	0	0	30	X	0	0	0	0	0	0.75	0.5	0	0	0	0	50	10	5	0	X	40	M	90	80	1	3	80	70	SND	HPC	10	50	1B	1A	X			
104	Otter Creek	21706	60	0.1	0	0.1	7	13	0	0	80	15	0	0	5	0	X	0	0	0	0	1	0.5	0	0.5	0	0	0	60	20	2	X	X	40	M	95	100	2.5	4	85	75	SND	HPC	12	50	1B	1B	X			
104	Otter Creek	21706	80	0.2	0.1	0.4	9	11	0	0	75	15	0	0	10	0	0	X	X	0	0	0	0.5	0	0.5	0	0	0	30	0	15	X	X	45	M	0	100	0	1	85	60	SND	HPC	25	50	1A	1A	X			
104	Otter Creek	21706	100	0.4	0.4	0.5	8	9	0	0	40	15	0	40	0	5	0	X	0	0	0.5	0	0.5	0	0.5	0	0	0	25	0	10	0	X	50	M	0	75	0	3	75	65	SND	SND	25	50	1A	1A	X			
104	Otter Creek	21706	120	0.5	0.5	0.5	8	10	0	0	70	5	0	0	0	25	0	X	0	0	0.5	0	0.5	0.5	0.5	0	0	0	30	0	20	0	X	40	M	60	100	3	4	75	70	HPC	HPC	30	50	1A	1A	X			
104	Otter Creek	21706	140	0.2	0.1	0.1	10	13	0	0	80	15	0	0	0	5	X	0	0	0	0	0	0.5	0.5	0.5	0	0	0	45	15	20	X	X	45	M	100	40	2	1.5	80	75	HPC	HPC	35	50	1A	1A	X			
104	Otter Creek	21706	160	0.2	0.2	0.2	5	10	0	0	70	20	10	0	0	0	X	0	X	0	0	0	0.5	0.75	0	0	0	0	50	10	15	0	X	45	M	100	0	3	0	85	80	HPC	HPC	35	50	1A	1A	X			
104	Otter Creek	21706	180	0.1	0.2	0.1	9	11	0	0	20	60	20	0	0	0	X	0	0	0	0	0	0	0	0.75	0	0	0	55	10	3	0	X	40	G	100	0	3	0	80	70	BRK	HPC	40	50	1A	1A	X			
104	Otter Creek	21706	200	0.4	0.5	0.2	9	20	0	0	45	10	5	40	0	0	X	X	0	0	0	1	1	0	1	0	0	0	40	10	30	0	X	45	T	100	0	4	0	80	80	BRK	HPC	40	50	1A	1A	X			
104	Otter Creek	21706	220	0.6	0.7	0.6	9	10	0	15	0	0	0	85	0	0	0	X	0	0	0.5	0	0.75	0.5	0.5	0	0	0	2.5	0	5	0	X	50	T	45	35	3	3	75	70	BRK	HPC	50	50	1A	1A	X			
104	Otter Creek	21706	240	0.7	1	1	10	12	25	25	0	10	0	35	0	5	0	X	0	0	1.5	0.5	0	0.5	0	0	0	0	2	0	20	0	X	55	M	25	25	3	2	70	80	SND	HPC	50	50	1A	1A	X			
104	Otter Creek	21706	260	0.1	0.1	0.2	13	13	0	0	50	35	5	0	0	10	X	0	0	0	0.5	0	0.5	0	0.5	0	0	0	30	10	50	X	X	45	T	60	75	1	3.5	75	70	HPC	HPC	35	50	1A	1A	X			
104	Otter Creek	21706	280	0.6	0.5	0.5	10	17	0	25	15	20	0	40	0	0	X	X	0	0	0.75	0	0	0	1	0	0	0	30	0	10	X	X	50	G	20	100	2	4	75	70	SND	C	50	50	1A	1A	X			
104	Otter Creek	21706	300	0.3	0.4	0.4	5	20	0	0	20	5	0	70	5	0	0	X	X	0	0.5	0.5	0.75	0.5	1.5	0	0	0	1.5	0	5	X	X	50	G	0	100	0	4	70	75	SND	C	50	50	1A	1A	X			
104	Otter Creek	21706	320	0.2	0.1	0.1	6	25	0	5	80	15	0	0	0	0	X	0	0	0	0.75	1	3	0.5	0	0	0	0	40	5	10	X	X	50	G	10	100	1	4	65	70	SND	C	50	50	1A	1A	X			
104	Otter Creek	21706	340	0.4	0.3	0.3	11	13	0	0	0	15	5	80	0	0	0	X	0	0	0	0.5	0.5	0.5	0.5	0	0	1	20	0	25	0	X	45	M	0	100	0	4	65	70	SND	C	50	50	1A	2B	X			
104	Otter Creek	21706	360	0.4	0.6	0.8	9	12	0	20	0	20	0	60	0	0	0	X	0	0	1	0	0	0.75	2	0	0	0.5	20	0	5	0	X	55	M	0	90	0	4	65	80	SND	BRK	50	50	1A	2B	X			
104	Otter Creek	21706	380	0.4	0.5	0.3	9	15	0	25	0	10	10	55	0	0	0	X	0	0	0	0	0	0	2	0	0	0	30	0	5	0	X	55	M	0	90	0	4	65	70	SND	BRK	50	0	1A	2B	X			
104	Otter Creek	21706	400	0.3	0.3	0.3	10	11	0	5	15	0	0	80	0	0	0	X	0	0	0	0	0	0	0.5	0	0	0.5	15	0	30	X	X	50	M	20	80	2	4	70	80	SND	BRK	50	10	1A	2B	X			
104	Skeleton Creek	21705	20	0.2	0.3	0.2	11	11	0	0	0	0	0	70	30	0	0	0	X	0	5	0	0	0	1	0	0	1	0.5	0	60	0	X	50	G	0	0	0	0	75	70	Cncrt	SND	0	0		2B	X			
104	Skeleton Creek	21705	40	0.1	0.3	0.2	11	11	0	35	0	10	40	0	15	0	0	0	X	0	2	0	0	0.5	0.75	0	0	1.5	1	0	0	0	X	75	G	0	0	0	0	80	70	BRK	SND	0	0		2B	0	0	0	
104	Skeleton Creek	21705	60	0.1	0.1	0.1	13	13	0	15	0	5	0	40	40	0	0	0	X	0	0	0.75	0.5	0.5	0.5	0	0	0.5	0.5	0	5	0	X	80	M	15	0	1.5	0	85	75	BRK	SND	5	0	1B	2B	0	0	0	
104	Skeleton Creek	21705	80	0.1	0.3	0.3	13	14	0	10	0	0	0	40	50	0	0	0	X	0	0	0	0.5	0	7.5	0	0	1	1.5	0	7	0	X	70	G	25	0	1.5	0	80	60	BRK	SND	10	0	1B	2B	0	0	0	

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Skeleton Creek	21705	100	0.1	0.2	0.2	14	14	0	0	10	20	5	35	30	0	X	0	0	0	0	0	0	0.5	1	0	0	1.5	20	75	5	0	X	50	G	100	0	1.5	0	85	60	BRK	SND	5	0	1B	2A	0	0	0	
104	Skeleton Creek	21705	120	0.1	0.1	0.1	15	15	0	0	30	40	5	0	25	0	X	0	0	0	0	0	0	0.5	0	0	0	2.5	60	10	0	X	X	70	G	25	0	1.5	0	85	80	BRK	SND	15	0	1B	2A	0	0	0	
104	Skeleton Creek	21705	140	0.3	0.3	0.3	14	14	0	80	0	0	0	10	10	0	0	X	0	0	0.5	0.5	1	0.5	0	0	0	2	2	0	3	0	X	95	G	0	0	0	0	75	65	SND	SND	5	0	1B	2A	0	0	0	
104	Skeleton Creek	21705	160	0.4	0.4	0.2	14	14	0	90	0	5	0	0	5	0	0	X	0	0	0	0	0	0.5	0	0	0	1.5	1	0	2	0	X	95	M	5	0	1.5	0	70	80	SND	SND	0	0	2A	2A	0	0	0	
104	Skeleton Creek	21705	180	0.2	0.3	0.3	14	14	0	40	15	0	0	45	0	0	0	X	0	0	0	0	0	0.75	0.5	0	0	1	1.5	0	3	0	X	65	M	75	0	2.5	0	90	75	BRK	SND	0	0	2A	2A	0	0	0	
104	Skeleton Creek	21705	200	0.1	0.2	0.2	14	14	0	20	0	0	0	65	15	0	0	0	X	0	0	0	0.75	0.5	0.75	0	0	1	1	0	2	0	X	50	M	100	0	6	0	90	75	BRK	SND	0	0	2A	2A	0	0	0	
104	Skeleton Creek	21705	220	0.1	0.1	0.1	14	14	0	0	0	0	0	80	20	0	0	0	X	0	0	0	0	0.5	1	0	0	1.5	1.5	0	4	0	X	50	G	100	0	5	0	90	70	BRK	SND	0	0	2A	2A	0	0	0	
104	Skeleton Creek	21705	240	0.1	0.2	0.2	14	14	0	15	5	0	0	65	15	0	0	0	X	0	0	0	0	0.5	0.75	0	0	1	1	0	0	0	X	45	G	100	10	6	0.5	90	75	BRK	SND	0	0	2A	2A	0	10	0	
104	Skeleton Creek	21705	260	0.1	0.2	0.1	14	14	0	25	5	5	0	50	15	0	0	0	X	0	0.5	0	1	0.5	0.75	0	0	1	1.5	0	5	0	X	55	G	50	0	3	0	85	75	BRK	SND	0	0	2A	2A	0	0	0	
104	Skeleton Creek	21705	280	0.1	0.2	0.2	14	14	0	40	0	0	0	35	25	0	0	0	X	0	0.5	0	0	0.75	0.5	0	0	2.5	0.5	0	0	0	X	90	G	0	10	0	0.5	80	80	SND	SND	0	0	2A	2A	0	0	0	
104	Skeleton Creek	21705	300	0.2	0.2	0.2	14	14	0	30	0	0	0	40	30	0	0	X	0	0	0.5	0	0	0.75	0.5	0	0	2.5	1	0	0	0	X	100	G	0	0	0	0	80	70	SND	SND	0	0	2A	2A	0	0	0	
104	Skeleton Creek	21705	320	0.2	0.2	0.2	14	14	0	55	0	5	5	15	20	0	0	X	0	0	0	0.5	1.5	0.5	0.5	0	0	2	1.5	0	2	0	X	95	G	0	5	0	0.5	80	65	SND	SND	0	0	2A	2A	0	5	0	
104	Skeleton Creek	21705	340	0.2	0.2	0.2	14	13	0	40	5	0	0	15	40	0	0	X	0	0	0	0.5	0.5	0.5	0.5	0	0	0.5	1	0	3	0	X	85	G	10	10	1.5	1.5	80	80	SND	SND	0	0	2A	2A	0	20	0	6
104	Skeleton Creek	21705	360	0.2	0.3	0.1	12	12	0	55	0	0	0	15	30	0	0	0	X	0	0	0.5	1	0.5	0	0	0	0.5	0.5	0	3	0	X	70	G	75	60	0.5	1	90	80	SND	SND	0	0	2A	2A	0	0	0	
104	Skeleton Creek	21705	380	0.1	0.2	0.1	10	11	0	30	5	0	0	45	20	0	0	0	X	0	0	0.25	0.5	0	0	0	0	0.5	1	0	3	0	X	65	G	50	45	0.1	0.1	90	80	SND	SND	0	0	2A	2A	0	0	0	
104	Skeleton Creek	21705	400	0.1	0.1	0.1	0	0	0	75	5	0	0	0	20	0	0	0	X	0	0	0.5	1.5	0	0	0	0	0	1	0	15	0	X	70	M	40	0.1	10	0.1	75	75	SND	SND	0	0	2A	2A	0	0	0	
104	Cottonwood Creek	23192	20	0.7	1.1	0.8	7	9	85	0	0	0	0	0	15	0	0	X	0	0	0	1	3.5	0	0	0	0	0	0	0	60	0	0	45	T	0	15	0	2.5	80	70			50	15			X			
104	Cottonwood Creek	23192	40	0.7	0.5	0.5	7	10	90	0	0	0	0	0	10	0	0	X	0	0	0.5	2	2.5	0.5	0	0	0	0	0	0	30	0	0	60	M	0	20	0	3	75	80			50	15			X			
104	Cottonwood Creek	23192	60	0.6	0.9	0.5	6	8	90	0	0	0	0	0	10	0	0	X	0	0	0	2	3	0	0	0	0	0	0	0	80	0	0	45	M	50	80	3	3	80	75			50	15			X			
104	Cottonwood Creek	23192	80	0.4	0.8	0.5	6	9	50	0	0	0	0	0	20	30	0	X	0	0	0	1	3.5	0	0	0	0	0	0	0	80	0	0	40	T	40	0	3.5	0	80	75			50	15			X			
104	Cottonwood Creek	23192	100	0.5	0.4	0.5	7	9	75	0	0	0	0	0	25	0	0	X	0	0	0	2.5	4	0.5	0	0	0	0	0	0	75	0	0	35	M	35	0	1	0	80	75			50	15			X			
104	Cottonwood Creek	23192	120	0.1	0.1	0.2	8	13	70	0	0	0	0	0	30	0	X	X	0	0	0	4	7	0	0	0	0	0	0	50	70	0	0	45	M	0	50	0	5	75	80			50	10			X			
104	Cottonwood Creek	23192	140	0.7	0.4	0.5	9	10	55	0	0	0	0	0	20	25	0	X	0	0	0	3	4	0	0	0	0	0	0	0	65	X	X	35	M	0	90	0	4	70	80			50	12			X			
104	Cottonwood Creek	23192	160	0.2	0	0.2	5	12	85	0	0	0	0	0	10	5	0	X	X	0	0	2.5	3.5	0	0	0	0	0	0	0	85	X	X	40	T	0	80	0	4	85	75			50	10			X			
104	Cottonwood Creek	23192	180	0.2	0.1	0.1	5	9	60	0	0	0	0	0	10	30	X	0	0	0	0	3.5	5	0.5	0	0	0	0	0	40	80	X	X	35	T	80	0	2	0	85	80			40	20			X			
104	Cottonwood Creek	23192	200	0.4	0.3	0.1	4	9	85	0	0	0	0	0	15	0	0	X	X	0	1	2.5	2.5	0.5	0	0	0	0	0	45	75	X	X	50	M	0	0	0	0	80	75			40	20			X			
104	Cottonwood Creek	23192	220	0.6	0.7	0.7	7	8	80	0	0	0	0	0	20	0	0	X	0	0	0	1.5	1.5	0.5	0	0	0	0	0	0	80	0	0	50	M	0	0	0	0	85	80			30	20			X			
104	Cottonwood Creek	23192	240	0.7	0.4	0.3	5	10	30	0	50	0	0	20	0	0	0	X	0	0	0	1	2	0.5	0	0	0	0	6	0	70	X	X	40	T	0	25	0	2	75	80			30	25			X			
104	Cottonwood Creek	23192	260	1	1.1	0.7	6	8	80	0	0	0	0	10	10	0	0	X	0	0	0	2	0.5	0	1	0	0	0	5	0	50	0	0	55	T	0	15	0	3	70	75			30	20			X			
104	Cottonwood Creek	23192	280	0.6	0.7	0.6	8	10	80	0	0	0	0	0	10	10	0	X	0	0	0	2	1	0	0	0	0	0.5	0	0	65	0	0	50	M	25	0	1.5	0	85	80			40	20			X			
104	Cottonwood Creek	23192	300	1.1	1.2	1.1	5	9	70	0	5	0	0	5	20	0	0	X	0	0	0	1.5	2.5	0	0.5	0	0	0	1	0	75	0	0	40	M	0	80	0	2.5	75	80			40	15			X			
104	Cottonwood Creek	23192	320	0.7	0.8	0.6	7	9	30	0	0	0	0	0	5	65	0	X	0	0	0	2	1	0	0	0	0	0	5	0	70	X	X	50	M	0	10	0	1.5	80	75			40	20			X			
104	Cottonwood Creek	23192	340	0.4	0.5	0.5	7	10	10	0	0	0	0	0	5	85	0	X	0	0	0	1.5	1	0.5	0	0	0	0	0	0	40	0	0	55	M	25	0	1	0	75	80			40	25			X			
104	Cottonwood Creek	23192	360	0.4	0.4	0.4	9	11	80	0	0	0	0	0	20	0	0	X	0	0	0	5	2	0.5	0	0	0	0	0	0	25	X	X	65	M	0	0	0	0	75	70			30	30			X			
104	Cottonwood Creek	23192	380	0.3	0.4	0.8	8	10	60	0	0	0	0	0	0	40	0	X	0	0	0	1	2.5	0	0	0	0	0	0	0	50	0	0	45	M	0	0	0	0	70	75			25	30			X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Cottonwood Creek	23192	400	0.5	0.7	0.4	7	9	60	0	0	0	0	0	30	10	0	X	0	0	0	1	1.5	0	0	0	0	0	0	0	40	0	0	40	M	15	0	1.5	0	80	75			15	20			X			
104	Chisolm Creek	23193	20	0.2	0.2	0.4	3	6	5	0	5	20	70	0	0	0	X	0	0	0	1	1	1	0	0	0	0	0	15	5	10	0	X	60	G	0	0	0	0	45	65			20	15	2B	2B	X			
104	Chisolm Creek	23193	40	0.4	0.7	0.6	10	12	50	0	35	0	0	0	0	15	0	X	0	0	1	0	1	0	0.5	0	0.5	0	7	0	0	0	X	80	G	0	50	0	3	50	80			20	40	2B	2B	X			
104	Chisolm Creek	23193	60	0.4	0.7	0.5	6	8	25	10	0	0	0	60	0	5	0	X	0	0	0	1	3	0	0.5	0	0	2	0	0	5	0	X	85	G	0	5	0	1	65	65			5	50	2B	2B	X			
104	Chisolm Creek	23193	80	0.2	1	0.1	6	12	5	10	80	5	0	0	0	0	X	0	0	0	0	0	2	0.5	0	0	1	3	10	10	5	X	X	80	G	0	0	0	0	70	60			15	40	2B	2B	X			
104	Chisolm Creek	23193	100	0.1	0.2	0.1	3	6	2	3	90	5	0	0	0	0	0	0	X	0	0.5	1	3	1	0	0	1	3	5	0	30	X	X	75	G	0	2	0	1	75	65			25	50	2B	2B	X			
104	Chisolm Creek	23193	120	0.3	0.4	0.3	4	6	10	65	5	0	0	0	0	20	0	X	X	0	0	0	3	1	0	0	2	2	10	0	5	X	X	85	G	0	1	0	1	70	60			30	50	2B	1B	X			
104	Chisolm Creek	23193	140	0.6	0.6	0.7	5	7	65	5	0	0	0	0	0	30	0	X	0	0	1	0	1	0	0	0	1	1	2	0	0	X	X	80	G	0	0	0	0	65	65			20	50	2B	1B	X			
104	Chisolm Creek	23193	160	0.2	0.4	0.5	5	7	25	70	4	0	0	0	1	0	0	0	X	0	0	1	1	0	0	0	1	1	0	0	0	X	X	75	G	0	0	0	0	60	70			20	50	2B	1B	X			
104	Chisolm Creek	23193	180	0.4	0.5	0.5	5	6	50	50	0	0	0	0	0	0	0	X	0	0	0	0	1	0	0	0	0	1	1	0	1	0	X	80	G	0	0	0	0	65	80			25	50	2B	1B	X			
104	Chisolm Creek	23193	200	0.2	0.5	0.4	4	5	40	60	0	0	0	0	0	0	0	0	X	0	0	1	2	0	0	0	0.5	1	0	0	3	0	X	70	G	0	0	0	0	70	75			25	20	2B	2B	X			
104	Chisolm Creek	23193	220	0.3	0.8	0.5	4	5	75	25	0	0	0	0	0	0	0	X	0	0	1	3	2	0	0	0	0.5	2	0	0	0	0	X	70	G	0	0	0	0	75	65			20	20	2B	2B	X			
104	Chisolm Creek	23193	240	0.2	0.6	0.4	5	6	25	50	0	0	0	0	0	25	0	0	X	0	1	2	3	0	0	0	0	1	0.5	0	10	0	X	80	G	0	0	0	0	80	70			30	25	2B	2B	X			
104	Chisolm Creek	23193	260	0.3	0.4	0.5	4	6	35	5	0	0	0	0	0	60	0	0	X	0	1	0	2	0	0	0	0	1	0.5	0	15	0	X	80	G	0	5	0	1	85	65			40	30	1B	2B	X			
104	Chisolm Creek	23193	280	0.4	0.5	0.3	4	7	25	75	0	0	0	0	0	0	0	0	X	0	1	2	1	0	0	0	0	1	0	0	50	0	X	75	G	0	0	0	0	75	60			25	25	2B	2B	X			
104	Chisolm Creek	23193	300	0.3	0.8	0.4	5	7	10	30	0	0	0	0	0	60	0	X	0	0	0	5	3	0	2	0	1	2	0	0	70	0	X	70	G	0	0	0	0	80	70			10	15	2B	2B	X			
104	Chisolm Creek	23193	320	0.6	0	0.1	2	6	5	0	0	0	0	0	0	95	0	0	X	0	0.5	0.5	1	0	1	0	0	0	0	0	30	0	X	75	M	0	0	0	0	80	75			20	35	2B	2B	X			
104	Chisolm Creek	23193	340	0.7	1.1	0.8	6	8	10	10	5	0	0	0	0	75	0	X	0	0	1	1	1	0	1	0	0	0	0	0	10	0	X	70	G	0	0	0	0	80	75			10	50	2B	1B	X			
104	Chisolm Creek	23193	360	0.3	0.3	0.3	3	9	5	0	0	0	0	0	0	95	0	0	X	0	1	0	0	0	0	0	0	0	0	0	5	0	X	80	G	0	0	0	0	85	80			15	50	2B	1B	X			
104	Chisolm Creek	23193	380	0.2	0.3	0.5	6	7	25	65	0	0	0	0	0	10	0	X	0	0	1	0	0.5	0	0	0	0	0	0.5	0	0	X	X	80	G	0	0	0	0	80	85			20	50	2B	1B	X			
104	Chisolm Creek	23193	400	0.2	0.3	0.4	6	8	15	35	5	0	0	0	0	45	0	0	X	0	1	2	1	0	0	0	0.5	0	0	0	0	X	X	80	G	0	0	0	0	80	70			25	30	1B	1B	X			
104	Deer Creek	23194	20	0.8	1.8	0.8	12	14	20	0	0	0	0	0	0	80	0	X	X	0	1	4	3	0	0	0	0	0	0	0	20	0	X	65	M	0	20	0	2	65	65	HPC	HPC	30	40	1A	1A	X			
104	Deer Creek	23194	40	0.8	2	0.6	14	16	60	0	0	0	0	0	0	40	0	X	0	0	3	1	1	0	0	0	0	0	0	0	30	0	X	60	M	40	20	2	2	70	75	HPC	HPC	50	50	1A	1A	X			
104	Deer Creek	23194	60	0.6	2	6	12	13	40	0	0	0	0	0	0	60	0	X	0	0	4	1.5	1	0	0	0	0	0	0	0	40	0	X	60	M	30	10	2	2	70	70	HPC	HPC	50	50	1A	1A	X			
104	Deer Creek	23194	80	0.8	1.6	0.8	12	14	60	0	0	0	0	0	0	40	0	X	0	0	1	0.5	1	0	0	0	0	0	0	0	50	0	X	50	M	25	10	3	1	75	70	Si&C	SI&C	50	50	1A	1B	X			
104	Deer Creek	23194	100	0.9	1	0.5	8	12	70	0	0	0	0	0	0	30	0	X	X	0	1	1	2	0	1	0	0	0	0	0	35	0	X	60	M	40	20	4	1	80	65	Si&C	SI&C	50	40	1A	1B	X			
104	Deer Creek	23194	120	1.2	0.9	0.3	10	12	60	0	0	0	0	0	0	40	0	0	X	0	2	8	10	0	0	0	0	0	0	0	10	0	X	70	M	30	0	3	0	70	60	Si&C	SI&C	50	40	1A	1B	X			
104	Deer Creek	23194	140	1	2	1.1	11	12	30	0	0	0	0	0	0	70	0	X	X	0	1	6	8	0	0	0	0	0	0	0	15	0	X	60	M	20	0	1	0	70	65	HPC	HPC	50	30	1A	1B	X			
104	Deer Creek	23194	160	1.1	2	1	14	15	70	0	0	0	0	0	0	30	0	X	0	0	1	3	2	0	0	0	0	0	0	0	5	0	X	40	M	0	20	0	3	80	80	HPC	HPC	50	30	1A	1B	X			
104	Deer Creek	23194	180	0.7	0.4	0.4	10	11	20	0	40	30	0	0	0	10	0	X	X	0	1	0	0	0	0	0	0	0	20	10	10	0	X	40	M	20	40	20	3	80	80	HPC	HPC	50	40	1A	1A	X			
104	Deer Creek	23194	200	0.2	0.2	0.4	10	12	10	0	60	20	0	0	0	10	X	0	0	0	2	1	1	0	0	0	0	0	25	10	40	X	X	55	M	30	40	2	3	65	80	HPC	HPC	50	40	1A	1A	X			
104	Deer Creek	23194	220	0.2	0.7	0.4	10	14	30	0	30	20	0	0	0	20	0	0	X	0	1	1	2	0	0	0	0	0	20	10	55	0	X	40	M	0	80	0	3	55	80	Si&C	HPC	50	50	1A	1A	X			
104	Deer Creek	23194	240	0.7	0.8	0.6	8	14	80	0	0	0	0	0	0	20	0	X	X	0	2	4	1.5	0	0	0	0	0	5	0	20	0	X	35	M	0	80	0	3	50	80	Si&C	SI&C	50	50	1A	1A	X			
104	Deer Creek	23194	260	1	2	1	8	10	70	0	0	0	0	0	0	30	0	X	0	0	3	1	1	0	0	0	0	0	0	0	10	0	X	45	M	50	40	2	3	65	75	Si&C	SI&C	50	50	1A	1A	X			
104	Deer Creek	23194	280	0.8	1	0.9	10	11	60	0	0	0	0	0	0	40	0	X	0	0	1	1	1.5	0	0	0	0	0	0	0	15	0	X	40	M	20	30	2	2	70	75	Si&C	SI&C	50	50	1A	1A	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Deer Creek	23194	300	1.1	2	1	14	16	60	0	0	0	0	0	0	40	0	X	0	0	2	1	2	0	0	0	0	0	0	0	10	0	X	50	M	30	40	2	3	65	75	Si&C	SI&C	50	30	1A	1A	X			
104	Deer Creek	23194	320	0.8	1	0.7	10	12	60	0	0	0	0	0	0	40	0	X	X	0	1	3	2	0	0	0	0	0	0	0	10	0	X	60	M	20	40	2	4	60	70	Si&C	SI&C	50	30	1A	1A	X			
104	Deer Creek	23194	340	0.5	0.5	0.7	12	13	60	0	0	0	0	0	0	40	0	X	0	0	3	8	10	0	0	0	0	0	0	0	15	0	X	75	M	20	30	1	2	65	70	HPC	SI&C	50	40	1A	1A	X			
104	Deer Creek	23194	360	0.8	0.8	1	13	15	80	0	0	0	0	0	0	20	0	X	0	0	1	4	6	0	0	0	0	0	0	0	10	0	X	75	M	20	25	1	1	65	75	Si&C	SI&C	50	40	1A	1A	X			
104	Deer Creek	23194	380	0.4	1.8	1	11	14	60	10	0	0	0	0	0	30	0	X	X	0	0	3	2.5	0	0	0	0	0	0	0	30	0	X	45	M	40	45	1	2	60	70	Si&C	SI&C	50	40	1A	1A	X			
104	Deer Creek	23194	400	0.6	1.3	1	10	12	80	0	0	0	0	0	0	20	0	X	0	0	1	2	3	0	0	0	0	0	0	0	15	0	X	40	M	60	50	1	1	45	55	Si&C	SI&C	50	50	1A	1A	X			
104	Kingfisher Creek	19093	20	0.8	0.55	0.3	10	16	0	85	0	10	0	0	5	0	0	X	0	0	0	0	0.5	0.25	0	0	0	0.25	12	0	35	X	0	40	M	5	10	1	0.5	65	45	SND	SND	30	5	2A	2B	X			
104	Kingfisher Creek	19093	40	0.3	0.2	0.2	12	25	5	90	5	0	0	0	0	0	0	X	X	0	0	1	1.5	0	0	0	0	0.25	3	0	7	X	X	70	M	20	5	2.5	0.5	45	35	SND	SND	25	30	2B	2B	X			
104	Kingfisher Creek	19093	60	0.3	0.2	0.2	10	24	0	75	15	0	0	0	10	0	0	X	X	0	0	0.5	0	0	0	0	0	0.25	7	0	10	X	X	85	M	60	5	0.75	0.5	55	35	SND	SND	25	40	1B	1B	X			
104	Kingfisher Creek	19093	80	0.2	0.3	0.1	10	24	0	80	15	0	0	0	5	0	0	0	X	0	0	2	1	0	0	0	0	0.25	10	0	3	X	X	90	M	25	0	1	0	40	30	SND	SND	30	40	1A	1A	X			
104	Kingfisher Creek	19093	100	0.3	0.2	0.1	9	22	0	70	25	0	0	0	5	0	0	X	0	0	0	0	2	0	0	0	0	0.25	30	0	3	X	X	90	M	50	0	0.75	0	40	15	SND	SND	30	50	1A	1A	X			
104	Kingfisher Creek	19093	120	0.1	0.2	0.3	10	22	10	75	10	0	0	0	5	0	0	X	X	0	0	0	0.25	0	0.5	0	0	0	15	0	18	X	X	90	M	55	20	0.75	1	20	45	SND	SLT	35	50	1B	1A	X			
104	Kingfisher Creek	19093	140	0.1	0.2	0.2	12	20	10	80	5	0	0	0	5	0	0	0	X	0	0	0	0.5	0	1	0	0	0.25	5	0	17	X	X	95	M	0	70	0	0.25	15	55	SND	SLT	45	50	1B	1A	X			
104	Kingfisher Creek	19093	160	0.1	0.2	0.1	14	19	5	75	15	0	0	0	5	0	0	0	X	0	0	0	0.5	0	3	0	0	0	15	0	15	X	X	80	M	15	45	0.5	0.25	35	35	SLT	SND	50	50	1B	1A	X			
104	Kingfisher Creek	19093	180	0.3	0.2	0.2	9	23	5	85	5	0	0	0	5	0	0	X	0	0	0	1	0.5	0.25	0	0	0	0	7	0	7	X	X	90	M	0	20	0	0.25	40	30	SLT	SND	50	50	1B	1A	X			
104	Kingfisher Creek	19093	200	0.2	0.1	0.1	18	19	0	85	5	5	0	0	5	0	0	X	X	0	0	0	0.25	0	1	0	0	1	4	1	4	X	X	95	M	20	0	0.75	0	50	30	SLT	SND	50	50	1A	1A	X			
104	Kingfisher Creek	19093	220	0.1	0.3	0.4	8	18	15	75	5	0	0	0	5	0	0	X	0	0	0	2	1	0	2	0	0	0	15	0	12	X	X	85	M	55	20	1	0.25	25	45	SND	SLT	40	50	1A	1A	X			
104	Kingfisher Creek	19093	240	0.1	0.2	0.4	14	15	0	75	12	0	0	0	5	8	0	X	X	0	0	0	0.25	0	1.5	0	0	0	10	0	15	X	X	80	M	30	50	0.5	0.75	30	45	SLT	SLT	45	40	1A	1A	X			
104	Kingfisher Creek	19093	260	0.1	0.2	0.1	19	20	5	60	30	0	0	0	5	0	0	0	X	0	0	5	4	0	0	0	0	0.25	25	0	3	X	X	95	M	10	15	0.5	0.25	35	40	SLT	SLT	45	35	1A	1A	X			
104	Kingfisher Creek	19093	280	0.1	0.2	0.2	8	18	0	90	5	0	0	0	5	0	0	X	0	0	0	1	0.5	2	0	0	0	0	15	0	4	X	X	90	M	50	10	0.5	0.25	55	20	SLT	SND	40	50	1B	1A	X			
104	Kingfisher Creek	19093	300	0.3	0.2	0.2	9	21	0	65	33	0	0	0	2	0	0	0	X	0	0	0	0.25	0	0.5	0	0	0	5	0	5	X	X	80	M	75	0	0.5	0	50	15	SLT	SND	30	50	1B	1A	X			
104	Kingfisher Creek	19093	320	0.2	0.2	0.1	13	17	5	35	55	0	0	0	5	0	0	0	X	0	0	1	0.25	1	0	0	0	0.25	20	0	2	X	X	85	M	10	50	0.5	0.75	40	25	SND	SLT	40	50	1A	1A	X			
104	Kingfisher Creek	19093	340	0.2	0.2	0.2	10	20	0	25	60	10	0	0	5	0	X	0	0	0	0	0.5	0.25	0	0	0	0	0.25	60	5	2	X	X	90	M	0	20	0	0.25	20	45	SND	SND	50	50	1A	1A	X			
104	Kingfisher Creek	19093	360	0.1	0	0.3	12	22	0	80	15	0	0	0	5	0	0	X	0	0	0	1.5	1	0	0	0	0.25	1	30	0	12	X	X	90	M	0	50	0	0.5	40	45	SLT	SND	20	50	1B	1A	X			
104	Kingfisher Creek	19093	380	0.1	0.2	0.2	17	21	0	90	5	0	0	0	5	0	0	X	0	0	0	1	1.5	0	1	0	0	0	25	0	1	X	X	85	G	35	15	0.5	0.5	40	40	SND	SND	20	40	2B	1A	X			
104	Kingfisher Creek	19093	400	0.4	0.5	0.1	10	24	0	85	0	0	0	0	15	0	0	X	0	0	0.5	3.5	2	1	0	0	0	0.5	30	0	4	X	0	85	M	10	0	0.5	0	50	20	SLT	SND	10	50	2B	1A	X			
104	Trail Creek	23009	20	0.6	0.2	0.1	6	6	10	80	0	0	0	0	5	5	0	X	0	0	0.5	0.5	1	0.5	0	0	0	0	0	0	70	X	X	35	M	10	15	1	1.5	80	75			15	10	1B	1B	X			
104	Trail Creek	23009	40	0.7	0.8	0.4	6	8	5	65	0	0	0	0	10	20	0	X	0	0	0	0.5	0	0.5	0	0	0	0	0	0	80	X	X	50	M	0	0	0	0	50	75			20	10	1B	1B	X			
104	Trail Creek	23009	60	0.3	0.5	0.4	3	8	0	55	0	0	0	0	0	45	0	X	0	0	0	0.5	0.5	0	0	0	0	0	0	0	75	0	X	35	G	0	75	0	4	40	80			25	10	1C	1B	X			
104	Trail Creek	23009	80	0.1	0.2	0.3	1.5	9	0	30	60	0	0	0	0	10	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	50	0	X	55	M	0	90	0	4	25	80			25	8	1C	1B	X			
104	Trail Creek	23009	100	0.1	0.1	0.3	6	7	0	65	30	0	0	0	0	5	0	X	0	0	0.5	0	0	0.5	0	0	0	0	0	0	35	0	X	60	M	0	50	0	1.5	20	80			25	5	1C	1B	X			
104	Trail Creek	23009	120	0.3	0.4	0.2	3	6	0	40	25	0	0	0	0	35	0	X	0	0	0	1	0.5	0	0	0	0	0	0	0	60	0	X	55	M	70	0	2	0	65	70			25	25	1C	1B	X			
104	Trail Creek	23009	140	0.4	0.4	0.3	6	6	5	65	0	0	0	0	5	25	0	X	0	0	0.5	0	0.5	0.5	0	0	0	0	0	0	60	0	X	50	M	95	5	2	1	65	70			25	25	1B	1B	X			
104	Trail Creek	23009	160	0.2	0.3	0.1	3.5	5	0	60	10	0	0	0	0	30	0	X	0	0	1	0.5	0	0.5	0	0	0	0	0	0	40	0	X	70	M	5	0	1	0	80	70			20	50	1B	1B	X			
104	Trail Creek	23009	180	0.3	0.6	0.6	6	7	5	65	0	0	0	0	0	30	0	X	0	0	0.5	0	1	0	0	0	0	0	0	0	20	0	X	60	M	5	5	1	1	75	60			10	50	1B	1B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Trail Creek	23009	200	0.1	0.1	0.1	2.5	8	0	20	75	0	0	0	0	5	0	0	X	0	0.5	0	0	0	0	0	0	0.5	5	0	30	0	X	55	M	0	75	0	4	45	75			15	0	1B		X			
104	Trail Creek	23009	220	0.4	0.3	0.3	5.5	8	40	25	30	5	0	0	0	0	0	X	0	0	0	0	0	0.5	0	0	0	0	0	0	25	0	X	40	M	0	100	0	2	35	80			15	5	1B	1B	X			
104	Trail Creek	23009	240	0.3	0.5	0.4	7	9	65	0	0	0	0	0	0	45	0	X	0	0	0.5	2	4	0.5	0	0	0	0	0	0	35	0	X	50	M	5	0	1	0	65	75			20	8	1B	1B	X			
104	Trail Creek	23009	260	0.5	0.9	0.8	3	9	20	0	0	0	0	0	0	80	0	X	0	0	0.5	0.5	0.5	1.5	1	0	0	0	0	0	30	0	X	55	M	0	75	0	4	70	80			20	5	1B	1B	X			
104	Trail Creek	23009	280	0.1	0.1	0.1	2	8	0	45	50	0	0	0	5	0	0	0	X	0	0	10	20	0	0.5	0	0	0	0.5	0	80	0	X	70	M	5	40	1	4	80	65			30	10	1B	1B	X			
104	Trail Creek	23009	300	0.4	0.5	0.6	4.5	10	0	50	20	0	0	0	5	25	0	0	X	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0.5	0	40	0	X	30	M	0	75	0	35	35	75			30	5	1B	1B	X			
104	Trail Creek	23009	320	0.8	0.9	0.6	4	7	60	0	0	0	0	0	20	20	0	X	0	0	0	1	1.5	0.5	0	0	0	0	1	0	70	X	X	35	M	0	80	0	4	35	70			30	1	1B	1B	X			
104	Trail Creek	23009	340	0.2	0.2	0.2	1.5	9	0	90	0	0	0	0	10	0	0	0	X	0	0.5	0.5	0.5	1	0	0	0	0	0	0	40	0	X	60	M	70	0	1	0	80	60			30	15	1B	1B	X			
104	Trail Creek	23009	360	0.3	0.1	0.1	2	10	0	90	0	0	0	0	10	0	0	0	X	0	0.5	0	1	0.5	0.5	0	0	0	0	0	75	0	X	60	M	5	75	1	3	50	75			35	10	1B	1B	X			
104	Trail Creek	23009	380	0.1	0.1	0.1	2	10	0	35	40	0	0	0	0	25	0	0	X	0	0.5	1	2	0.5	0.5	0	0	0	0	0	15	X	X	55	M	20	85	1	3	55	80			50	8	1B	1B	X			
104	Trail Creek	23009	400	0.1	0.1	0.1	3	8	0	75	15	0	0	0	10	0	X	0	0	0	0	0.5	1	0	0	0	0	0	3	40	40	X	X	70	M	5	10	1	3	45	80			50	5	1B	1B	X			
104	Cottonwood Creek, Major Co.	12972	0	0.01	0.04	0.03	0.37	1.52	20	75	5	0	0	0	2	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0			0	0			0			
104	Cottonwood Creek, Major Co.	12972	20	0.03	0.03	0.03	1.52	0.18	35	75	0	0	0	0	1	0	0	0	X	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0							X			
104	Cottonwood Creek, Major Co.	23107	20	0.15	0.1	0.1	4	8	80	0	5	10	0	0	5	0	0	0	X	0	0	0.5	1	0	0	0	0	0.5	1	0	3	0	X	85	G	0	0	0	0	55	25			0	0			X			
104	Cottonwood Creek, Major Co.	12972	40	0.06	0.06	0.06	1.52	1.83	25	75	0	0	0	0	1	0	0	0	X	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0							X			
104	Cottonwood Creek, Major Co.	23107	40	0.3	0.3	0.3	6	8	80	0	5	0	0	0	5	10	0	0	X	0	0	0.5	0.5	0	0	0	0	0.5	2	0	3	0	X	95	G	0	0	0	0	70	55			0	0			X			
104	Cottonwood Creek, Major Co.	12972	60	0.03	0.03	0.03	0.91	1.52	25	75	0	0	0	0	1	0	0	0	X	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0							X			
104	Cottonwood Creek, Major Co.	23107	60	0.2	0.3	0.4	5	6	90	0	5	0	0	0	0	5	0	0	X	0	0	0	0	0	0	0	0	1	0	0	5	0	X	95	M	0	0	0	0	85	80			0	5		1A	X			
104	Cottonwood Creek, Major Co.	12972	80	0.03	0.05	0.03	0.91	1.52	25	75	0	0	0	0	1	0	0	0	X	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0							X			
104	Cottonwood Creek, Major Co.	23107	80	0.2	0.3	0.2	4.5	5.5	80	0	10	0	0	0	5	15	0	0	X	0	0	0.5	0.5	0	0	0	0	0.5	5	0	5	0	X	95	G	0	5	0	0.5	85	70			0	0			X			
104	Cottonwood Creek, Major Co.	12972	100	0.05	0.04	0.05	0.91	1.22	25	75	0	0	0	0	1	0	0	0	X	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0							X			
104	Cottonwood Creek, Major Co.	23107	100	0.3	0.4	0.2	5	6	80	0	15	0	0	0	5	0	0	0	X	0	0	0	0	0	0	0	0	1	3	0	3	0	X	95	G	0	0	0	0	85	80			0	0			X			
104	Cottonwood Creek, Major Co.	12972	120	0.08	0.11	0.06	1.07	1.37	25	75	0	0	0	0	1	0	0	0	X	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0							X			
104	Cottonwood Creek, Major Co.	23107	120	0.4	0.3	0.5	9	10	30	70	0	0	0	0	0	0	0	X	0	0	0.5	0	0	0	0	0	0	0.5	0	0	2	0	X	50	M	5	80	1	1.5	70	80			0	0			X			
104	Cottonwood Creek, Major Co.	12972	140	0.09	0.14	0.08	1.52	1.83	25	75	0	0	0	0	1	0	0	0	X	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0							X			
104	Cottonwood Creek, Major Co.	23107	140	0.2	0.3	0.2	11	13	25	65	0	0	0	0	0	10	0	0	X	0	0	0	0	0	0	0	0	1	0	0	8	0	X	75	M	5	50	0	0.5	75	60			0	0			X			
104	Cottonwood Creek, Major Co.	12972	160	0.14	0.15	0.14	0.91	0.91	25	75	0	0	0	0	1	0	0	0	X	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0							X			
104	Cottonwood Creek, Major Co.	23107	160	0.2	0.6	0.5	4	5	95	0	0	0	0	0	5	0	0	0	X	0	0	0	0.5	0	0	0	0	1	0	0	2	0	X	80	M	0	0	0	0	75	70			0	0			X			
104	Cottonwood Creek, Major Co.	12972	180	0.03	0.05	0.03	0.91	1.83	25	75	0	0	0	0	1	0	0	0	X	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	O	0	0	0	0	0	0							X			
104	Cottonwood Creek, Major Co.	23107	180	0.3	0.4	0.4	5	5	85	15	0	0	0	0	0	0	0	X	0	0	0	0.5	1	0.5	0	0	0	0.5	1	0	15	0	X	65	M	25	15	0.5	0.5	75	80			0	0			X			
104	Cottonwood Creek, Major Co.	23107	200	0.1	0.2	0.2	4	7	100	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	1	0	10	0	X	80	M	0	15	0	1	35	40			0	0			X			
104	Cottonwood Creek, Major Co.	23107	220	0.2	0.3	0.2	4.5	7	85	10	5	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	1	0	X	95	G	0	0	0	0	45	70			0	0			X			
104	Cottonwood Creek, Major Co.	23107	240	0.2	0.3	0.2	5	6	20	75	0	0	0	0	5	0	0	0	X	0	0	0.5	0	0	0	0	0	0	0	0	1	0	X	95	M	0	0	0	0	65	70			0	0			X			
104	Cottonwood Creek, Major Co.	23107	260	0.2	0.2	0.3	6	9	10	90	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	1	0	0	0	0.5	0	0	8	0	X	95	M	0	5	0	0.5	55	70			0	0			X			
104	Cottonwood Creek, Major Co.	23107	280	0.2	0.2	0.1	5	6	15	80	0	0	0	0	0	5	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	8	0	X	90	M	0	5	0	0.5	85	40			0	0			X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Cottonwood Creek, Major Co.	23107	300	0.3	0.3	0.2	6	7	70	25	0	0	0	0	5	0	0	X	0	0	0	0	0	0	0	0	0	5	0	0	20	0	X	75	M	5	5	0.5	0.5	70	60			0	0			X			
104	Cottonwood Creek, Major Co.	23107	320	0.1	0.3	0.2	4	6	15	55	0	0	30	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0	0	0	10	0	X	85	M	5	20	0.5	1	60	70			0	0			X			
104	Cottonwood Creek, Major Co.	23107	340	0.2	0.1	0.4	5	6	10	80	0	0	10	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0.5	0	0	20	0	X	90	M	5	0	0.5	0	35	65			0	0			X			
104	Cottonwood Creek, Major Co.	23107	360	0.1	0.1	0.2	5	6	15	15	0	0	0	0	0	70	0	0	X	0	0	0.5	0	0	0	0	0	0	0	0	1	0	X	65	M	40	0	2	0	55	80			0	0			X			
104	Cottonwood Creek, Major Co.	23107	380	0.5	0.4	0.3	4	6	20	80	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0.5	0	0	0	0	0	0	1	0	X	55	M	60	0	1	0	40	65			0	0			X			
104	Cottonwood Creek, Major Co.	23107	400	0.1	0.4	0.4	5	5	25	15	0	0	0	0	5	55	0	0	X	0	0.5	0.5	0	0	0	0	0	1	0	0	25	0	X	95	M	0	0	0	0	80	85			0	0			X			
104	Griever Creek	19114	20	0.1	0.2	0.2	2	5	0	20	70	10	0	0	0	0	X	0	0	0	0	0	0.5	0.5	0	0	0.5	1	60	5	10	X	X	60	G	20	0	1	0	40	55	SND/HPC	SND	0	0	2B	2B	X			
104	Griever Creek	19114	40	0.1	0.2	0.3	2	4	0	50	40	10	0	0	0	0	0	X	X	0	0.5	0	0	1	0	0	0	0.5	40	5	40	X	X	70	G	30	0	1	0	60	65	SND	SND	10	10	2B	2B	X			
104	Griever Creek	19114	60	0.4	0.4	0.2	3	5	10	90	0	0	0	0	0	0	0	X	0	0	0	0	0.5	0.5	0	0	0	2.5	0	0	10	X	X	85	G	10	0	1	0	60	45	SND	SND	10	20	2B	2B	X			
104	Griever Creek	19114	80	0.1	0.1	0.2	2	4	10	80	10	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	1	0	0	15	X	X	85	G	0	0	0	0	50	60	SND	SND	10	20	2B	2B	X			
104	Griever Creek	19114	100	0.3	0.4	0.2	3	4	10	90	0	0	0	0	0	0	0	X	0	0	0	0	1.5	1	0	0	0	2	0	0	0	X	X	90	G	0	0	0	0	55	60	SND	SND	10	25	2B	2B	X			
104	Griever Creek	19114	120	0.2	0.2	0.2	1	3	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	3	0	0	0	X	X	90	G	0	0	0	0	60	60	SND	SND	10	30	2B	2B	X			
104	Griever Creek	19114	140	0.2	0.3	0.3	1	3	10	90	0	0	0	0	0	0	0	0	X	0	0	1	2	1	0	0	0	2	0	0	10	X	X	85	G	10	0	0.5	0	65	65	SND/SI&C	SND/SI&C	10	30	2B	2B	X			
104	Griever Creek	19114	160	0.1	0.2	0.2	3	5	10	90	0	0	0	0	0	0	0	0	X	0	1	1	0.5	0	0	0	0	1	0	0	20	X	X	80	G	0	0	0	0	45	60	SND	SND	0	30	2B	2B	X			
104	Griever Creek	19114	180	0.1	0.2	0.1	1	2	20	80	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	1	0	0	10	X	X	80	G	0	0	0	0	55	50	SND/SI&C	SND/SI&C	0	40	2B	2B	X			
104	Griever Creek	19114	200	0.3	0.5	0.4	4	6	20	80	0	0	0	0	0	0	0	X	0	0	0	0	1	0	0	0	0	1.5	0	0	5	X	X	85	G	0	0	0	0	60	45	SND/SI&C	SND/SI&C	10	40	2B	2B	0	20		2
104	Griever Creek	19114	220	0.4	0.5	0.2	2	3	10	90	0	0	0	0	0	0	0	0	X	0	0.5	2	3	0	0	0	0	2	10	0	0	X	X	85	G	0	0	0	0	50	45	SND	SND	0	40	2B	2B	X			
104	Griever Creek	19114	240	0.2	0.3	0.2	1	3	20	80	0	0	0	0	0	0	0	0	X	0	0	3	4	0	0	0	0	3	5	0	0	X	X	85	G	0	10	0	1	55	55	SND/SI&C	SND/SI&C	15	40	2B	2B	X			
104	Griever Creek	19114	260	0.2	0.3	0.1	2	4	0	100	0	0	0	0	0	0	0	X	0	0	0	1	2	0	0	0	0	1	5	0	0	X	X	80	G	20	0	1	0	60	50	SND	SND	15	40	2B	2B	X			
104	Griever Creek	19114	280	0.3	0.6	0.2	2	5	30	70	0	0	0	0	0	0	0	X	0	0	0	0	1	0	0	0	0	2	0	0	0	X	X	85	G	20	10	1	1	60	65	SND/SI&C	SND/SI&C	10	15	2B	2B	X			
104	Griever Creek	19114	300	0.1	0.1	0.1	1	3	20	80	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	70	G	10	20	0.5	1	65	50	SND/SI&C	SND/SI&C	20	10	2B	2B	X			
104	Griever Creek	19114	320	0.5	0.6	0.4	3	5	30	70	0	0	0	0	0	0	0	X	0	0	0	0	1	0	0	0	0	1	0	0	5	X	X	60	G	40	20	1	1	60	65	SND	SND	20	10	2B	2B	X			
104	Griever Creek	19114	340	0.1	0.2	0.1	1	4	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0.5	0	0	10	X	X	40	G	0	40	0	2	45	75	SND	SND	20	10	2B	2B	X			
104	Griever Creek	19114	360	0.2	0.3	0.2	2	3	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	70	G	10	30	1	1	40	60	SND	SND	0	0	2B	2B	X			
104	Griever Creek	19114	380	0.1	0.1	0.1	2	4	0	40	0	40	20	0	0	0	0	0	X	0	0	0	1	0	0	0	0	0.5	25	0	20	X	X	80	G	0	20	1	45	45	0	SND	SND	0	0	2B	2B	X			
104	Griever Creek	19114	400	0.2	0.2	0.2	2	4	0	40	0	40	20	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1.5	20	0	10	X	X	80	G	10	20	1	1	40	60	SND	SND	0	0	2B	2B	X			
104	Traders Creek	19113	20	0.1	0.2	0.3	2	5	0	100	0	0	0	0	0	0	0	0	X	0	1	0	0	0	0	0	0	2	0	0	0	X	X	75	G	0	0	0	0	60	70	SND	SND	50	50	2A	2A	0			1
104	Traders Creek	19113	40	0.1	0.1	0.1	2	6	0	95	5	0	0	0	0	0	0	0	X	0	1	0	0	0	0	0	0	2	0	0	5	0	0	80	G	0	0	0	0	60	80	SND	SND	50	50	2A	2A	X			
104	Traders Creek	19113	60	0.1	0.1	0.1	2	5	0	95	5	0	0	0	0	0	0	0	X	0	1	0	0	0	0	0	0	2	0	0	5	0	0	80	G	0	0	0	0	70	85	SND	SND	50	50	2A	2A	X			
104	Traders Creek	19113	80	0.2	0.1	2	5	0	95	5	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	10	0	0	85	G	0	0	0	0	75	85	SND	SND	50	50	2A	2A	X			
104	Traders Creek	19113	100	0.1	0.2	0.2	1	0.5	0	98	2	0	0	0	0	0	0	0	X	0	1	0	0	0	0	0	0	1	0	0	10	0	0	85	G	0	0	0	0	70	80	SND	SND	50	50	2A	2A	0			1
104	Traders Creek	19113	120	0.1	0.2	0.1	2	6	0	98	2	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	5	0	0	85	G	0	0	0	0	70	65	SND	SND	50	50	2A	2A	X			
104	Traders Creek	19113	140	0.1	0.1	0.1	2	6	0	98	2	0	0	0	0	0	0	0	X	0	0	0	0.5	1	0	0	0	2	0	0	40	0	0	85	G	0	0	0	0	60	60	SND	SND	50	50	2A	2A	X			
104	Traders Creek	19113	160	0.1	0.2	0.2	3	6	0	99	1	0	0	0	0	0	0	0	X	0	1	0	0.5	1	0	0	0	1	0	0	25	X	X	80	G	0	0	0	0	60	70	SND	SND	50	50	2A	2A	X			
104	Traders Creek	19113	180	0.1	0.2	0.1	2	8	0	98	2	0	0	0	0	0	0	0	X	0	0.5	0	0.5	0.5	0	0	0	1	0	0	20	X	X	85	G	0	0	0	0	60	45	SND	SND	50	50	2A	2A	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Traders Creek	19113	200	0.1	0.1	0.1	2	8	0	98	2	0	0	0	0	0	0	0	X	0	0.5	0	0.5	0.5	0	0	0	2	0	0	15	X	X	80	G	0	0	0	0	65	70	SND	SND	50	50	2B	2A	X			
104	Traders Creek	19113	220	0.1	0.1	0.1	2	8	0	98	2	0	0	0	0	0	0	0	X	0	1	0	0	1	0	0	0	2	0	0	20	0	0	80	G	0	0	0	0	60	75	SND	SND	50	50	2B	2A	X			
104	Traders Creek	19113	240	0.1	0.1	0.1	2	8	0	98	2	0	0	0	0	0	0	0	X	0	0	0	0	1	0	0	0	2	0	0	0	X	X	60	G	0	0	0	0	45	40	SND	SND	50	50	2B	2A	0	10		
104	Traders Creek	19113	260	0.1	0.1	0.1	2	8	0	98	2	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	X	X	75	G	0	0	0	0	40	60	SND	SND	50	50	2B	2A	X			
104	Traders Creek	19113	280	0.1	0.1	0.1	1	6	0	98	2	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	85	G	0	0	0	0	45	40	SND	SND	50	50	2B	2A	X			
104	Traders Creek	19113	300	0.1	0.1	0.1	3	6	0	98	2	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	85	G	0	0	0	0	65	60	SND	SND	50	50	2B	2A	X			
104	Traders Creek	19113	320	0.1	0.1	0.1	2	6	0	98	2	0	0	0	0	0	0	0	X	0	1	0	0	1	0	0	0	2	0	0	5	X	X	80	G	0	0	0	0	55	65	SND	SND	50	50	2B	2A	X			
104	Traders Creek	19113	340	0.1	0.1	0.1	5	6	0	98	2	0	0	0	0	0	0	0	X	0	1	0	0	1	0	0	0	2	0	0	5	X	X	80	G	0	0	0	0	40	65	SND	SND	50	50	2B	2B	X			
104	Traders Creek	19113	360	0.1	0.1	0.1	2	6	0	98	2	0	0	0	0	0	0	0	X	0	1	0	0	0	0	0	0	2	0	0	0	0	0	85	G	0	0	0	0	55	50	SND	SND	50	50	2B	2B	X			
104	Traders Creek	19113	380	0.1	0.1	0.1	2	5	0	99	1	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	10	0	0	85	G	0	0	0	0	70	45	SND	SND	50	50	2B	2B	X			
104	Traders Creek	19113	400	0.1	0.1	2	6	0	98	2	0	0	0	0	0	0	0	0	X	0	0	0	0	1	0	0	0	1	0	0	5	0	0	80	G	0	0	0	0	50	60	SND	SND	50	50	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	20	0.1	0.2	0.1	6	12	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	70	G	0	0	0	0	45	40	SND	SND	20	15	2B	2B	0	15		2
104	Buffalo Creek, Harper Co.	19112	40	0.15	0.15	0.1	6	11	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	0	0	80	G	0	0	0	0	45	45	SND	SND	20	10	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	60	0.1	0.1	0.1	7	11	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	80	G	0	0	0	0	45	45	SND	SND	20	10	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	80	0.1	0.2	0.3	6	14	0	100	0	0	0	0	0	0	0	0	X	0	0	2	1	0	0	0	0	1	0	0	10	X	X	80	G	0	10	0	1	45	55	SND	SND	20	10	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	100	0.3	0.2	0.1	6	10	0	100	0	0	0	0	0	0	0	0	X	0	0	1	1	0	0	0	0	1.5	0	0	0	X	X	85	M	0	0	0	0	50	50	SND	SND	30	10	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	120	0.2	0.2	0.2	10	12	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	1	0	0	0	X	X	85	M	10	0	1	0	55	40	SND	SND	20	15	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	140	0.1	0.2	0.2	7	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	90	G	0	0	0	0	50	45	SND	SND	30	20	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	160	0.2	0.2	0.3	8	11	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	1	0	0	0	X	X	90	G	0	0	0	0	35	45	SND	SND	30	15	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	180	0.1	0.2	0.3	7	11	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	1	0	0	0	0	2	0	0	0	X	X	90	G	0	0	0	0	40	55	SND	SND	30	10	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	200	0.2	0.3	0.2	6	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	1	0	0	0	X	X	85	G	0	10	0	1	40	55	SND	SND	30	10	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	220	0.1	0.3	0.1	8	11	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	2	0	0	5	X	X	80	G	0	0	0	0	30	50	SND	SND	30	10	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	240	0.1	0.2	0.1	10	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	1	0	0	0	X	X	80	G	0	0	0	0	35	40	SND	SND	20	10	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	260	0.1	0.1	0.1	6	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	85	G	0	0	0	0	30	45	SND	SND	10	20	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	280	0.2	0.3	0.1	8	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	10	X	X	90	G	0	0	0	0	35	40	SND	SND	10	20	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	300	0.1	0.1	0.1	8	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	15	X	X	90	M	0	0	0	0	45	40	SND	SND	10	30	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	320	0.1	0.1	0.1	9	11	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0.5	0	0	10	X	X	85	M	0	0	0	0	65	40	SND	SND	10	30	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	340	0.1	0.2	0.1	8	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	1	0	0	10	X	X	80	M	0	0	0	0	60	45	SND	SND	10	20	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	360	0.1	0.1	0.1	10	11	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	0	0.5	0	0	0	X	X	85	M	0	0	0	0	60	45	SND	SND	10	15	2B	2B	X			
104	Buffalo Creek, Harper Co.	19112	380	0.1	0.2	0.1	10	13	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0.5	0	0	0	X	X	70	M	0	0	0	0	45	40	SND	SND	10	10	2B	2B	0	15		2
104	Buffalo Creek, Harper Co.	19112	400	0.1	0.2	0.2	10	12	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	1	0	0	10	X	X	85	M	0	0	0	0	55	45	SND	SND	10	10	2B	2B	X			
104	Cimarron River, Harper Co.	22997	20	0.1	0.1	0.2	37	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	40	0.1	0.1	0.2	36	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	60	0.1	0.1	0.2	26	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	80	0.1	0.1	0.1	27	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Cimarron River, Harper Co.	22997	100	0.1	0.1	0.2	31	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	120	0.1	0.1	0.1	35	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	140	0.2	0.1	0.2	37	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	75	G	0	20	0	0.7	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	160	0.3	0.1	0.1	37	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	70	G	0	25	0	0.7	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	180	0.1	0.2	0.1	39	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	90	G	0	10	0	0.7	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	200	0.2	0.1	0.1	30	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	220	0.3	0.1	0.1	26	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	240	0.2	0.2	0.1	33	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	260	0.1	0.2	0.1	35	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	280	0.2	0.1	0.1	32	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	5	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	300	0.3	0.2	0.1	30	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	10	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	320	0.2	0.2	0.1	36	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	10	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	340	0.2	0.1	0.1	35	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	10	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	360	0.1	0.2	0.1	32	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	10	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	380	0.2	0.1	0.1	35	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	10	5	SND	SND	50	50	2B	2B	X			
104	Cimarron River, Harper Co.	22997	400	0.2	0.1	0.1	36	100	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	0	X	X	100	G	0	0	0	0	10	5	SND	SND	50	50	2B	2B	X			
104	Spring Creek	21704	20	0.1	0.2	0.1	3	6	75	0	0	0	0	0	15	10	0	X	0	0	0.5	0.5	0	0	0	0	0	0.75	0	0	20	X	X	70	m	10	20	0.5	1.5	65	65	SND	HPC	15	0	1A		X			
104	Spring Creek	21704	40	0.4	0	0.3	5	6	0	80	0	0	0	0	20	0	0	X	X	0	2	1.5	1	1	0	0	0	0	0	0	15	X	X	80	m	100	10	1	1.5	70	40	SND	HPC	20	5	1A	1B	X			
104	Spring Creek	21704	60	0.1	0.1	0.1	3	7	0	90	0	0	0	0	10	0	X	X	0	0	0	0.75	0.75	0	0	0	0	0	1.5	30	25	X	X	65	m	0	0	0	0	60	60	SND	HPC	20		1A		X			
104	Spring Creek	21704	80	0.1	0.2	0.1	2	8	0	50	40	0	0	0	10	0	X	X	0	0	0	1.5	1	0	0	0	0	0	5	25	35	X	X	60	m	80	10	2	1.5	70	80	HPC	SND	10		1A		X			
104	Spring Creek	21704	100	0.1	0.1	0.1	4	6	0	95	0	0	0	0	5	0	0	0	X	0	0	0.5	0.25	0	0	0	0	0.5	0	0	5	X	X	90	m	15	0	3	0	70	60	SND	SND	10	5	1B	1B	X			
104	Spring Creek	21704	120	0.1	0.1	0.1	3	6	0	55	45	0	0	0	0	0	X	X	0	0	0	0.5	0.25	0	0	0	0	0.5	10	40	25	X	X	55	m	0	100	0	0.5	75	60	SND	C	0	3		1B	X			
104	Spring Creek	21704	140	0.1	0.1	0.1	3	6	0	80	10	0	0	0	10	0	X	0	X	0	0	0.25	0.25	0	0	0	0	0	3	25	60	X	X	45	t	20	100	0.5	0.5	75	50	SND	SND	3	5	1C	1C	X			
104	Spring Creek	21704	160	0.1	0.1	0.1	3	7	0	70	20	0	0	0	10	0	0	0	X	0	0.5	0.25	0.75	0.25	0	0	0	0	1.5	0	60	X	X	40	t	60	50	0.5	0.5	80	50	SND	C	10	5	1C	1C	X			
104	Spring Creek	21704	180	0.1	0.2	0.1	4	6	0	85	5	0	0	0	10	0	0	X	0	0	0	0	0.25	0	0	0	0	0	1	0	55	X	X	50	t	20	80	0.5	0.5	75	50	C	C	0	0			0	40		3
104	Spring Creek	21704	200	0.1	0	0.1	4	6	0	85	10	0	0	0	5	0	X	0	X	0	0.75	0	0.25	0.25	0	0	0	0	3	5	30	X	X	30	m	5	20	0.5	1	80	70	C	C	0	0			0	10		3
104	Spring Creek	21704	220	0.1	0.1	0.1	3	7	0	65	15	0	0	0	20	0	0	X	X	0	0	0.5	0.25	0	0	0	0	0	2	0	50	X	X	35	t	75	10	0.5	1.5	75	70	SND	HPC	10	0	1C		0	30		2
104	Spring Creek	21704	240	0.2	0.3	0.5	5	5	0	80	0	0	0	0	5	15	0	X	0	0	3	1.5	0.5	0.5	0	0	0	0	0	0	20	X	X	30	t	85	100	0.5	3	80	75	SND	HPC	10	0	1C		0	0	0	1
104	Spring Creek	21704	260	0.1	0.1	0.1	1	7	0	0	30	0	0	70	0	0	X	0	0	0	0	0	0.25	0	0.25	0	0	0	12	50	25	X	X	45	t	10	50	0.5	1.5	70	65	C	SND	10	0	1C		0	20		2
104	Spring Creek	21704	280	0.1	0.1	0.1	4	5	0	0	0	0	0	85	15	0	X	0	X	0	0	0	0.25	0	0.5	0	0	0	3	5	30	0	X	40	t	100	2.5	2.5	0.25	85	40	BRK	SND		15		1C	0	40		1
104	Spring Creek	21704	300	0.1	0.1	0.1	6	6	0	25	0	15	0	40	20	0	X	X	0	0	0	0	0.5	0	0.5	0	0	0	8	0	70	0	X	50	m	20	20	0.5	0.5	75	75	C	SND	5	10	1C	1C	0	25		1
104	Spring Creek	21704	320	0.1	0	0.1	5	6	0	25	0	0	0	70	5	0	0	X	0	0	0	0	0.5	0.5	0.5	0	0	0	3	0	70	X	X	40	t	80	50	1	0.5	65	70	SND	C	10	10	1C	1C	0	25		1
104	Spring Creek	21704	340	0.1	0.1	0.1	3	4	10	10	0	0	0	70	10	0	0	X	0	0	0	0.25	0.25	0	0.5	0	0	0	1	0	75	0	X	60	m	0	10	0	0.5	75	80	BRK	SND	0	15		1C	0	50		1
104	Spring Creek	21704	360	0.1	0.1	0.1	4	5	75	5	0	0	0	0	20	0	X	0	X	0	0	0	0.25	0	0.25	0	0	0	1.5	50	70	0	X	50	t	25	25	3	0.5	80	45	C	C	0	10		1C	0	25		1
104	Spring Creek	21704	380	0.1	0.1	0.1	4	6	0	0	5	0	0	80	15	0	X	0	X	0	0	0	0.25	0	0	0	0	0	1	25	75	0	X	55	t	0	15	0	0.5	65	70	SND	BRK	0	5		1C	0	10		1

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Spring Creek	21704	400	0.1	0.1	0.1	4	7	0	0	0	15	5	60	20	0	0	X	X	0	0	0	0.25	0	0.25	0	0	0	2	0	50	0	X	60	m	0	100	0	2	65	85	SND	BRK	0	0			0	40		1
104	Turkey Creek	23003	20	0.4	0.3	0.2	4	6	20	20	0	75	5	0	0	0	0	0	X	0	0.5	0	0	0.5	0	0	0	0.3	5	0	10	0	X	65	M	0	0	0	0	60	80			8	0	2B	2A	X			
104	Turkey Creek	23003	40	0.2	0.1	0.1	4.5	6	5	50	40	0	0	0	0	5	0	0	X	0	0.5	0	0.5	0.5	0	0	0	0.5	10	0	50	0	X	70	M	50	0	2	0	80	80			0	0	2A	road	X			
104	Turkey Creek	23003	60	0.1	0.2	0.2	3.5	10	60	20	20	0	0	0	0	0	0	0	X	0	1	0	2	0.5	0	0	0	5	5	0	55	0	X	75	M	50	0	1.5	0	70	80			0	0	2A	road	X			
104	Turkey Creek	23003	80	0.2	0.1	0.1	2	10	30	0	60	0	0	0	10	0	X	0	0	0	0	0.5	0	0	0	0	0	0	3	0	80	X	X	35	S	0	0	0	0	75	60			0	0			X			
104	Turkey Creek	23003	100	0.2	0.4	0.1	3	5	10	25	25	0	0	0	5	35	0	0	X	0	0	0	0.5	0	2	0	0	1	3	0	75	0	X	70	M	75	0	2	0	80	55			0	0			X			
104	Turkey Creek	23003	120	0.1	0.1	0.1	2	4	0	0	10	0	0	0	0	0	X	0	0	0	0	0.5	2	0	1	0	0	0	8	40	80	0	X	70	M	0	0	0	0	80	25			0	0			X			
104	Turkey Creek	23003	140	0.1	0.2	0.3	2	4	0	0	30	0	0	0	0	70	0	0	X	0	0.5	0	0.5	0.5	0	0	0	0	3	0	90	0	X	65	M	0	5	0	1	65	70			0	0			X			
104	Turkey Creek	23003	160	0.4	0.4	0.3	2	4	20	50	0	0	20	0	0	10	0	0	X	0	0	0	1	0	1	0	0	0	1	0	30	0	X	70	M	0	15	0	1	75	70			0	0			X			
104	Turkey Creek	23003	180	0.2	0.4	0.2	2.5	4	10	0	10	0	0	0	0	80	0	0	X	0	2	0.5	3	2	4	0	0	0	2	0	60	0	X	70	M	0	10	0	0.5	75	85			0	0			X			
104	Turkey Creek	23003	200	0.2	0.2	0.2	2	5	0	0	90	0	0	0	0	10	0	0	X	0	0	0	0.5	0	0	0	0	0	5	0	45	0	X	45	M	15	30	1	1	75	55			0	0			X			
104	Turkey Creek	23003	220	0.4	0.5	0.4	2	5	0	0	20	0	0	0	15	65	0	0	X	0	3	0	0	1.5	1	0	0	0	1	0	65	0	X	55	M	25	20	1.5	0.5	70	75			5	0		1B	X			
104	Turkey Creek	23003	240	0.2	0.2	0.3	3	5	15	50	35	0	0	0	0	0	0	0	X	0	0.5	1	0.5	0	1	0	0	0	3	0	60	0	X	45	M	25	15	1	0.5	75	70			8	5	1B	1B	X			
104	Turkey Creek	23003	260	0.3	0.4	0.2	5	8	15	40	30	0	0	0	15	0	0	0	X	0	0	0	0.5	0.5	2	0	0	0	3	0	90	0	X	35	M	0	75	0	2	60	65			0	0			X			
104	Turkey Creek	23003	280	0.5	0.5	0.4	3.5	10	10	30	60	0	0	0	0	0	0	X	0	0	0.5	1	5	0.5	0.5	0	0	0	1	0	20	X	X	30	M	50	85	2	4	65	80			0	0			X			
104	Turkey Creek	23003	300	0.5	1.1	0.7	4.5	6	10	15	0	0	0	0	5	70	0	X	0	0	0	3	6	0.5	0	0	0	0	0	0	10	0	X	35	M	0	25	0	3	60	45			0	0			X			
104	Turkey Creek	23003	320	0.3	0.3	0.3	2.5	5	0	0	90	0	0	0	0	10	0	X	0	0	0.5	0	0.5	0.5	0	0	0	0	0	0	20	0	X	75	M	0	35	0	0.5	80	80			0	0			X			
104	Turkey Creek	23003	340	0.5	0.4	0.3	3	5	0	60	25	0	0	0	0	15	0	X	0	0	0	0	0.5	0	0	0	0	0	3	0	55	0	X	50	M	20	5	3	0.5	75	75			0	0			X			
104	Turkey Creek	23003	360	0.4	0.6	0.4	3	6	25	50	0	0	0	0	0	25	0	0	X	0	0	0	0.5	0	0	0	0	0	5	0	40	0	X	70	M	60	10	1.5	0.5	70	70			0	0			X			
104	Turkey Creek	23003	380	0.7	0.8	0.8	3.5	5	30	0	0	0	0	0	0	70	0	0	X	0	0	0	0.5	0	0	0	0	0	1	0	25	0	X	70	M	0	20	0	0.5	70	75			0	0			X			
104	Turkey Creek	23003	400	0.7	0.6	0.2	5	12	15	40	30	0	0	0	15	0	0	0	X	0	0	1	5	0	0	0	0	0.5	1	0	10	0	X	70	M	25	0	2	0	75	55			0	0			X			
104	Yellowstone Creek	23105	20	0.1	0.2	0.2	4	8	5	15	60	20	0	0	0	0	X	0	X	0	0	0	0.5	0.5	0	0	0	0.5	20	15	0	0	X	30	G	50	80	1	1	20	85			50	50	2C	2C	0	5		
104	Yellowstone Creek	23105	40	0.2	0.2	0.2	3	8	0	20	65	14	0	0	0	1	0	0	X	0	0.5	0	0	0	0	0	0	0	15	0	0	X	X	35	G	0	100	0	1	30	90			50	50	2C	2C	0	1		
104	Yellowstone Creek	23105	60	0.1	0.3	0.2	4	9	1	25	60	12	1	0	0	1	0	0	X	0	1	0	0	0	0	0	0	0.5	20	0	0	X	X	60	G	0	75	0	1	15	80			50	50	2B	2B	X			
104	Yellowstone Creek	23105	80	0.3	0	0.2	4	8	1	39	60	0	0	0	0	0	0	0	X	0	2	0	2	1	0	0	0	0.5	5	0	10	X	X	60	M	20	40	1	1	80	65			50	50	2B	2B	X			
104	Yellowstone Creek	23105	100	0.2	0.2	0.4	5	7	5	15	80	4	0	0	1	0	X	0	X	0	0	0	5	2	0	0	0	0	5	10	5	X	X	65	G	0	30	0	1	45	80			50	50	2B	2B	X			
104	Yellowstone Creek	23105	120	0.3	0.2	0.4	4	9	7	30	50	13	0	0	0	0	0	0	X	0	0	0	2	0	0	2	0	0	5	0	0	X	X	70	G	0	90	0	1	40	90			50	50	2B	2B	X			
104	Yellowstone Creek	23105	140	0.3	0.2	0.1	3	14	2	43	45	5	0	0	0	0	0	0	X	0	1	0.5	3	2	0	0	0	0	2	0	0	X	X	70	M	60	10	1	1	80	50			50	50	2B	2B	X			
104	Yellowstone Creek	23105	160	0.2	0.1	0.2	7	8	3	27	65	5	0	0	0	0	X	0	X	0	1	0	2	0	0	0	0.5	0.5	5	15	0	X	X	75	M	70	5	1	1	75	55			50	50	2B	2B	0	2		3
104	Yellowstone Creek	23105	180	0.1	0.3	0.2	6	9	5	35	50	5	0	1	4	0	0	X	X	0	2	0	2	2	0	1	0	1	5	0	1	X	X	50	G	0	25	0	1	50	80			50	50	2B	2B	0	3		3
104	Yellowstone Creek	23105	200	0.4	0.3	0.2	3	10	10	43	45	0	0	0	2	0	0	X	X	0	0	0	0	0	0	0	0	3	2	0	0	X	X	55	G	0	15	0	1	45	60			50	50	2B	2B	0	15		2
104	Yellowstone Creek	23105	220	0.4	0.1	0.1	6	10	5	35	60	0	0	0	0	0	0	X	X	0	0	0	0	0	0	0	2	2	3	0	0	X	X	65	G	80	0	1	0	80	40			50	50	2B	2B	0	5		2
104	Yellowstone Creek	23105	240	0.1	0.1	0.4	5	8	2	43	55	0	0	0	0	0	0	0	X	0	1	0	0	2	0	0	0	3	1	0	1	X	X	60	G	5	30	1	1	65	65			50	50	2B	2B	X			
104	Yellowstone Creek	23105	260	0.2	0.1	0.2	7	10	5	35	60	0	0	0	0	0	0	0	X	0	2	0	0	2	0	0	0.5	2	25	0	5	X	X	65	G	75	10	1	1	80	75			50	50	2B	2B	X			
104	Yellowstone Creek	23105	280	0.1	0.4	0.2	4	8	3	34	55	5	0	0	3	0	0	X	X	0	3	0	2	1	0	0	1	1	15	0	0	X	X	65	G	5	0	1	0	80	70			50	50	2B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Yellowstone Creek	23105	300	0.5	0.2	0.1	6	10	2	30	60	8	0	0	0	0	0	X	X	0	2	0	3	2	0	0	2	1	10	0	2	X	X	70	G	30	5	1	1	75	60			50	50	2B	2B	0	10		3
104	Yellowstone Creek	23105	320	0.3	0.3	0.2	3	15	5	15	60	20	0	0	0	0	X	0	X	0	2	0	0	0	0	0	3	3	20	10	0	X	X	60	G	20	10	1	1	70	30			50	50	2B	2B	0	5		2
104	Yellowstone Creek	23105	340	0.3	0.3	0.1	3	20	2	5	70	23	0	0	0	0	X	0	0	0	3	0	0	0	0	0	0	5	30	5	0	X	X	50	G	20	0	2	0	80	25			50	50	2B	2B	0	15		3
104	Yellowstone Creek	23105	360	0.2	0.2	0.2	5	7	0	35	65	0	0	0	0	0	0	0	X	0	2	0	0	0	0	0	0	3	5	0	2	X	X	70	G	0	0	0	0	60	65			50	50	2B	2B	0			2
104	Yellowstone Creek	23105	380	0.2	0.5	0.3	3	15	2	30	40	8	0	0	20	0	0	0	X	0	0	0	2	1	0	0	2	5	5	0	0	X	X	75	G	0	0	0	0	70	55			50	50	2B	2B	X			
104	Yellowstone Creek	23105	400	0.2	0.1	0.1	8	9	10	5	80	5	0	0	0	0	0	0	X	0	2	0	1	0	0	0	2	2	5	0	0	X	X	80	G	50	0	1	0	75	45			50	50	2B	2B	0			2
104	Sandy Creek	23106	20	0.1	0.7	0.4	16	40	0	95	0	0	0	0	5	0	0	0	X	0	0.5	0.5	0.5	0	0	0	0	0.5	0	0	75	X	X	75	G	0	0	0	0	50	30			0	0			X			
104	Sandy Creek	23106	40	0.4	0.2	0.5	15	25	0	90	0	0	0	0	5	5	0	0	X	0	0	0	0.5	0.5	0	0	0	0.5	1	0	5	X	X	30	G	0	0	0	0	60	40			0	0			X			
104	Sandy Creek	23106	60	0.1	0.1	0.1	16	18	10	85	0	0	0	0	5	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0	0	0	30	X	X	30	T	0	0	0	0	50	60			50	50	1C	1C	X			
104	Sandy Creek	23106	80	0.2	0.1	0.1	16	16	5	90	0	0	0	0	5	0	0	0	X	0	0.5	0.5	0.5	0.75	0	0	0	0	0	0	65	0	0	60	T	0	0	0	0	50	80			50	50	1C	1C	X			
104	Sandy Creek	23106	100	0.2	0.1	0.1	15	18	5	90	0	0	0	0	5	0	0	0	X	0	0	3.5	2	0.5	0	0	0	0	0	0	20	0	0	65	M	0	15	0	0.5	60	80			40	50	1C	1C	X			
104	Sandy Creek	23106	120	0.1	0.1	0.2	15	17	0	95	0	0	0	0	5	0	0	0	X	0	0.5	2.5	1.5	1	0	0	0	0.5	0	0	50	X	0	65	M	0	10	0	0.5	70	80			35	50	1C	1C	X			
104	Sandy Creek	23106	140	0.2	0.1	0.1	14	15	0	90	0	0	0	0	10	0	0	0	X	0	0.5	3	3.5	0.5	0	0	0	0.5	0	0	20	0	0	70	M	10	0	0.5	0	75	75			50	40	1C	1C	X			
104	Sandy Creek	23106	160	0.1	0.4	0.2	15	16	10	85	0	0	0	0	5	0	0	X	X	0	0	1.5	3	0	0	0	0	0	0	0	15	0	0	70	M	0	10	0	0.5	50	70			30	50	1C	1C	X			
104	Sandy Creek	23106	180	0.2	0.1	0.3	18	20	10	90	0	0	0	0	0	0	0	0	X	0	0	2.5	3.5	0.5	0	0	0	0.5	0	0	15	0	X	75	G	10	10	0.5	0.5	40	60			30	40	1C	1C	X			
104	Sandy Creek	23106	200	0.4	0.1	0.1	14	16	10	85	0	0	0	0	5	0	0	0	X	0	0	1	0.5	0.5	0	0	0	0	0	0	35	0	X	45	T	25	0	0.5	0	75	50			20	40	1C	1C	X			
104	Sandy Creek	23106	220	0.4	0.4	0.3	9	17	10	90	0	0	0	0	0	0	0	X	X	0	1	1	0.5	1.5	0	0	0	0	0	0	30	X	X	40	T	50	30	0.5	1	75	45			40	40	1C	1C	X			
104	Sandy Creek	23106	240	0.1	0.2	0.2	14	16	5	90	0	0	0	0	0	5	0	X	X	0	0	1.5	1	0.5	0	0	0	0	0	0	25	X	X	40	T	25	0	0.5	0	75	50			50	40	1C	1C	X			
104	Sandy Creek	23106	260	0.1	0.2	0.3	13	15	10	85	0	0	0	0	0	5	0	0	X	0	0	1.5	2	0.5	0	0	0	0	0	0	25	X	0	65	M	0	50	0	0.5	70	75			50	40	1C	1C	X			
104	Sandy Creek	23106	280	0.4	0.2	0.1	12	19	10	85	0	0	0	0	5	0	0	0	X	0	0	1	1	0	0	0	0	0	0	0	15	X	X	60	T	0	0	0	0	60	50			50	40	1C	1C	X			
104	Sandy Creek	23106	300	0.2	0.5	1	10	14	20	80	0	0	0	0	0	0	0	X	X	0	0.5	1.5	2	1	0	0	0	0.5	0	0	35	0	0	50	T	0	10	0	0.5	60	80			50	40	C1	1C	X			
104	Sandy Creek	23106	320	1	0.6	0.1	13	15	10	85	0	0	0	0	5	0	0	X	X	0	0	2	1	0	0	0	0	0.5	0	0	30	0	0	50	T	0	0	0	0	60	60			50	30	1C	1C	X			
104	Sandy Creek	23106	340	0.1	0.1	0.3	14	26	10	85	0	0	0	0	5	0	0	0	X	0	0.5	1.5	3	0.5	0	0	0	0.5	0	0	35	X	X	40	T	0	10	0	0.5	60	70			50	40	1C	1C	X			
104	Sandy Creek	23106	360	0.1	0	0.1	12	18	15	80	0	0	0	0	5	0	X	X	0	0	0	2.5	4.5	0	0	0	0	0.5	0	0	20	0	0	50	T	10	0	0.5	0	50	70			50	50	1C	1C	X			
104	Sandy Creek	23106	380	0.4	0.2	0.2	16	22	10	80	0	0	0	0	10	0	0	X	X	0	0.5	4	8	1	0	0	0	0	0	0	40	X	X	60	T	20	0.5	10	0.5	70	75			30	30	1C	1C	X			
104	Sandy Creek	23106	400	0.1	0	0.7	13	22	5	85	0	0	0	0	10	0	0	X	X	0	0.5	2	1	1	0	0	0	0.5	0	0	65	X	X	60	T	10	0	0.5	0	40	70			20	30	1C	1C	X			
104	Duck Creek	22991	20	0.2	0.3	0.1	2	6	0	0	75	10	0	15	0	0	0	0	X	0	0	1	2	0.5	0.5	0	0	0	10	20	85	X	X	70	M	45	0	1.5	0	80	40			15	15	1B	1A	X			
104	Duck Creek	22991	40	0.2	0.3	0.1	4	6	15	10	75	0	0	0	0	0	0	X	0	0	0	0.5	1	0.5	0	0	0	0	20	0	85	0	X	60	M	75	0	1.5	0	60	70			10	15	1B	1A	X			
104	Duck Creek	22991	60	0.4	0.7	0.6	6	6	10	45	40	0	0	0	5	0	0	X	0	0	1	1	1	1	0	0	0	0	5	0	80	0	X	60	M	45	0	1	0	75	70			10	15	1B	1A	X			
104	Duck Creek	22991	80	0.1	0	0.2	3.5	8	5	0	75	10	0	0	0	0	X	0	0	0	0	2	2	0	0	0	0	0	10	10	70	X	X	75	M	15	5	15	1	80	60			12	15	1A	1A	X			
104	Duck Creek	22991	100	0.1	0.2	0.2	5	6	30	30	35	0	0	0	5	0	0	X	0	0	0	1	2	0	0	0	0	0	7	0	60	0	X	50	M	75	0	2	0	80	30			10	15	1A	1A	X			
104	Duck Creek	22991	120	0.2	0.3	0.4	4	5	50	0	0	0	0	30	20	0	0	X	0	0	0	1	1	0	0	0	0	0	3	0	65	0	X	60	M	0	80	0	1	50	55			15	5	1A	1A	X			
104	Duck Creek	22991	140	0.2	0.4	0.3	5	8	45	20	0	0	0	0	20	15	0	X	0	0	0.5	3	4	0	0	0	0	0	1	0	60	0	X	80	M	0	20	0	1	60	80			8	5	1A	1A	X			
104	Duck Creek	22991	160	0.5	0.5	0.4	5	6	25	35	35	0	0	0	5	0	0	X	0	0	1	2	1.5	0.5	0	0	0	0	0	0	80	0	X	70	M	10	35	1	1	80	70			3	4	1A	1A	X			
104	Duck Creek	22991	180	0.3	0.2	0.1	7	7	60	15	15	0	0	0	10	0	0	X	0	0	0.5	0.5	0.5	0.5	0	0	0	0	0	0	80	0	X	70	M	0	5	0	1	80	60			1	2	1A	1A	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Duck Creek	22991	200	0.1	0.1	0.1	7	8	20	0	70	0	0	0	10	0	0	X	0	0	0	2	1	0	0	0	0	0	0	0	85	0	X	75	M	5	10	1	1	75	75			0	5		1A	X			
104	Duck Creek	22991	220	0.1	0.1	0.1	7	9	10	0	65	0	0	0	25	0	0	0	X	0	0	0.5	1.5	0	0	0	0	0	1	0	75	0	X	75	M	15	5	1	0.5	75	70			0	10		1A	X			
104	Duck Creek	22991	240	0.3	0.4	0.3	4	7	25	0	65	5	0	0	10	0	0	X	0	0	0	0	1	0	0	0	0	0	2	0	85	0	X	60	M	0	0	0	0	70	35			0	12		1A	X			
104	Duck Creek	22991	260	0.3	0.4	0.3	6	7	20	0	70	0	0	0	10	0	0	X	0	0	0	0.5	0.5	0	0	0	0	0	1	0	60	0	X	70	M	10	0	1.5	0	65	60			0	3		1A	X			
104	Duck Creek	22991	280	0.1	0.1	0.1	2.5	8	0	0	100	0	0	0	0	0	X	0	0	0	0	1	0.5	0	0	0	0	0	15	0	55	0	X	55	M	20	0	1	0	65	35			0	0			X			
104	Duck Creek	22991	300	0.1	0.2	0.1	6	7	20	15	55	0	0	0	10	0	0	X	0	0	0	1.5	2	0.5	0	0	0	0	8	0	35	0	X	60	M	75	0	2	0	60	40			0	0			X			
104	Duck Creek	22991	320	0.2	0.3	0.1	4	8	0	15	75	10	0	0	0	0	0	0	X	0	0	4	0.5	0	0	0	0	0	7	0	65	0	X	70	M	20	5	0.5	0.5	70	65			0	0			X			
104	Duck Creek	22991	340	0.2	0.2	0.1	4.5	7	10	0	60	25	0	0	5	0	0	0	X	0	0	1	0.5	0	0	0	0	0	20	0	90	0	X	45	M	0	0	0	0	60	75			0	15		1C	X			
104	Duck Creek	22991	360	0.2	0.1	0.1	4.5	6	5	0	80	10	0	0	5	0	0	0	X	0	0	0.5	0.5	0.5	0	0	0	0	25	0	50	0	X	70	M	15	0	1	0	70	80			0	20		1C	X			
104	Duck Creek	22991	380	0.1	0.1	0.1	4.5	10	10	10	75	5	0	0	0	0	X	0	0	0	0	0	0.5	0	0	0	0	0	25	0	40	0	X	50	M	50	0	1.5	0	65	60			0	5		1C	X			
104	Duck Creek	22991	400	0.1	0.1	0.2	4	7	30	0	60	0	0	0	10	0	0	0	X	0	0	0	0.5	0.5	0	0	0	0	5	0	35	0	X	60	M	50	0	1	0	70	40			0	5		1C	X			
104	Bitter Creek	22992	20	0.2	0.1	0.3	8	10	25	0	60	10	0	0	0	5	0	0	X	0	0.5	0.15	0.5	0.5	0	0	0	0	2	25	80	0	X	45	M	0	0	0	0	70	70			20	20	1A	1A	X			
104	Bitter Creek	22992	40	0.1	0.2	0.3	6	9	15	0	80	0	0	0	0	5	0	0	X	0	0	0.5	0.3	0	0	0	0	0	1	0	50	0	X	50	M	0	0	0	0	70	75			25	20	1A	1A	X			
104	Bitter Creek	22992	60	0.8	0.9	0.8	7	8	0	0	30	0	0	0	20	5	0	X	0	0	0	3	1	0	0	0	0	0	4	0	60	0	X	50	M	0	15	0	1	55	70			30	25	1A	1A	X			
104	Bitter Creek	22992	80	0.1	0.1	0.1	9	10	25	0	60	0	0	0	5	10	X	0	0	0	0	2	1.5	0	0	0	0	0	1	20	70	0	X	45	M	15	0	2.5	0	75	80			30	50	1A	1A	X			
104	Bitter Creek	22992	100	0.5	0.9	0.6	5	9	20	0	0	0	0	0	10	70	0	0	X	0	0	0	1	0.5	0	0	0	0	0	0	85	0	X	50	M	75	5	3	1	80	60			30	50	1A	1A	X			
104	Bitter Creek	22992	120	0.5	1	0.9	8	9	90	0	0	0	0	0	10	0	0	X	0	0	0	3	1	0	0	0	0	0	2	0	35	0	X	60	M	50	5	3	0.5	70	80			0	50		1A	X			
104	Bitter Creek	22992	140	0.7	1.1	0.9	8	8	90	0	0	0	0	0	10	0	0	X	0	0	0.5	0.5	1	0.5	0	0	0	0	0	0	60	0	X	65	M	0	30	0	0.5	80	80			5	50	1A	1A	X			
104	Bitter Creek	22992	160	1	1	0.6	7.5	9	70	0	0	0	0	0	0	30	0	X	0	0	1	2	0.5	2	0	0	0	0	0	0	60	0	X	60	M	0	5	0	0.5	75	70			10	50	1A	1A	X			
104	Bitter Creek	22992	180	0.3	0.5	0.7	7	12	10	0	0	0	0	0	5	85	0	X	0	0	1	2	0	1	0	0	0	0.5	0	0	20	0	X	35	M	100	0	1	0	75	50			15	50	1A	1A	X			
104	Bitter Creek	22992	200	0.9	1.1	1.2	9	11	20	0	0	0	0	0	5	75	0	X	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0	50	0	X	30	M	90	10	3	1	70	75			25	50	1A	1A	X			
104	Bitter Creek	22992	220	0.8	1	0.8	8	10	75	0	0	0	0	0	5	20	0	X	0	0	0	2	1	0.5	0	0	0	0	0	0	70	0	X	25	M	65	0	1.5	0	75	80			25	50	1A	1A	X			
104	Bitter Creek	22992	240	0.9	1.3	1.1	9	11	80	0	0	0	0	0	10	10	0	X	0	0	0	0.5	2	0	0	0	0	0	0	0	80	0	X	50	M	75	10	1	1	80	75			30	50	1A	1A	X			
104	Bitter Creek	22992	260	0.7	0.9	1	10	11	75	0	0	0	0	0	0	25	0	X	0	0	0.5	0.1	0.5	0	0	0	0	0.5	0	0	40	0	X	50	M	10	10	2	1	80	80			30	50	1A	1A	X			
104	Bitter Creek	22992	280	0.5	1.1	0.7	8	10	15	0	0	0	0	0	15	70	0	X	0	0	0	0.5	0.5	0	0	0	0	0	0	0	30	0	X	55	M	15	5	3	1	75	80			30	50	1A	1A	X			
104	Bitter Creek	22992	300	0.8	1	0.9	10	11	80	0	0	0	0	0	0	20	0	X	0	0	0	3	0.5	0	0	0	0	0	0	0	10	0	X	65	M	15	10	1	1	80	75			30	50	1A	1A	X			
104	Bitter Creek	22992	320	0.9	1.4	1.2	9	9	100	0	0	0	0	0	0	0	0	X	0	0	2	0	0	1	0	0	0	0.5	0	0	25	0	X	65	M	0	0	0	0	65	80			30	30	1A	1A	X			
104	Bitter Creek	22992	340	0.9	1	0.7	9	12	40	0	0	0	0	0	0	60	0	X	0	0	1	1.5	0	0.5	0	0	0	0	0	0	55	0	X	50	M	10	25	1	1	70	70			40	30	1A	1A	X			
104	Bitter Creek	22992	360	0.9	1.1	1	7	8	70	0	0	0	0	0	0	30	0	X	0	0	0	0.5	0	0.5	0	0	0	0	0	0	65	0	X	60	M	25	5	1	1	60	70			40	40	1A	1A	X			
104	Bitter Creek	22992	380	0.3	0.5	0.7	7	8	90	0	0	0	0	0	10	0	0	X	0	0	0.5	2.5	2	0.5	0	0	0	0	0	0	80	0	X	45	M	20	15	1	1	70	80			40	40	1A	1A	X			
104	Bitter Creek	22992	400	0.6	0.7	0.6	6	11	20	0	0	0	0	0	10	70	0	X	0	0	0	2	2	0	1	0	0	0	0	0	25	0	X	60	M	0	10	0	1	60	70			50	40	1A	1A	X			
104	North Canadian River	23111	20	0.4	0.5	0.5	20	22	1	97	0	1	0	0	0	1	0	0	X	0	0	2	2	0	0	0	0	0.5	3	0	20	X	X	70	S	0	0	0	0	45	45	Si&C	SND	50	50	1B	2B	X			
104	North Canadian River	23111	40	0.5	0.5	0.4	25	31	0	100	0	0	0	0	0	0	0	0	X	0	0	0	2	0	0	0	1	0.5	2	0	5	X	X	75	M	0	0	0	0	50	55	SND	SND	50	50	1B	1B	X			
104	North Canadian River	23111	60	0.5	0.4	0.5	28	30	1	99	0	0	0	0	0	0	0	X	X	0	0	2	2	1	0	0	0.5	0.5	1	0	5	X	X	80	M	0	0	0	0	45	65	SND	SND	50	50	1B	1B	X			
104	North Canadian River	23111	80	0.5	0.8	0.7	18	20	0	100	0	0	0	0	0	0	0	0	X	0	0	3	4	1	0	0	0	0.5	0	0	10	0	X	80	M	0	0	0	0	65	60	SND	SND	50	50	1B	1B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	North Canadian River	23111	100	0.6	0.5	0.6	16	19	0	100	0	0	0	0	0	0	0	0	X	0	0.5	0	3	0	0	0	0	2	0	0	15	0	X	80	M	0	0	0	0	70	45	SND	SND	50	50	1B	1B	X			
104	North Canadian River	23111	120	0.8	0.5	2	18	20	1	99	0	0	0	0	0	0	0	0	X	0	0.5	2	3	0	0	0	0	2	0	0	40	0	X	85	M	0	0	0	0	70	60	SND	SND	50	50	1B	1B	X			
104	North Canadian River	23111	140	0.6	0.4	3	21	22	2	88	0	0	0	0	0	10	0	0	X	0	1	0	2	0	0	0	0	1	0	0	30	X	X	70	M	0	15	0	1	50	80	Si&C	HPC	50	50	1B	1C	X			
104	North Canadian River	23111	160	0.6	0.4	0.5	20	55	3	90	0	0	0	0	0	7	0	0	X	0	1	0	3	2	0	0	0	2	0	0	25	0	X	70	M	0	20	0	1	45	85	Si&C	SI&C	50	50	1B	1C	X			
104	North Canadian River	23111	180	0.4	0.3	0.6	20	21	0	95	0	0	0	0	0	5	0	0	X	0	1	0.5	3	1	0	0	0	2	0	0	15	0	X	65	M	0	0	0	0	65	85	Si&C	SI&C	50	50	1B	1B	X			
104	North Canadian River	23111	200	0.4	0.5	0.6	21	23	0	95	0	0	0	0	0	5	0	0	X	0	1	0	2	2	0	0	0	0	0	0	20	0	X	70	M	0	0	0	0	65	65	HPC	HPC	50	50	1B	1B	X			
104	North Canadian River	23111	220	0.6	0.5	0.5	20	22	2	95	0	0	0	0	0	3	0	0	X	0	0	0.5	1	2	0	0	0	0.5	0	0	5	0	X	80	M	0	0	0	0	45	70	Si&C	SI&C	50	50	1B	1B	X			
104	North Canadian River	23111	240	0.8	0.5	0.4	22	24	2	98	0	0	0	0	0	0	0	0	X	0	0	0	2	0	0	0	0	1	0	0	0	0	X	85	M	0	0	0	0	45	65	Si&C	SI&C	50	50	1B	1B	X			
104	North Canadian River	23111	260	0.7	0.6	0.3	23	24	1	97	0	0	0	0	0	2	0	0	X	0	1	0	1	0	0	0	0	3	0	0	1	0	X	85	M	0	0	0	0	60	70	Si&C	SI&C	50	50	1B	1B	X			
104	North Canadian River	23111	280	0.6	0.5	0.5	20	22	2	98	0	0	0	0	0	0	0	0	X	0	0	0	2	1	0	0	0	2	0	0	5	0	X	85	M	0	0	0	0	65	65	Si&C	SI&C	50	50	2B	1B	X			
104	North Canadian River	23111	300	0.5	0.4	0.5	20	24	0	100	0	0	0	0	0	0	0	0	X	0	1	0	2	2	0	0	0	1	0	0	10	X	X	80	M	0	0	0	0	70	75	SND	SI&C	50	50	2B	1B	X			
104	North Canadian River	23111	320	0.4	0.6	0.5	15	17	3	95	0	0	0	0	0	2	0	0	X	0	0	1	3	1	0	0	0	2	0	0	15	X	X	75	M	0	0	0	0	60	70	SND	SI&C	50	50	2B	1B	X			
104	North Canadian River	23111	340	0.5	0.5	0.5	18	21	2	95	0	0	0	0	0	3	0	0	X	0	0.5	0.5	1	0	0	0	0	3	0	0	10	0	X	75	M	0	0	0	0	65	65	HPC	SI&C	50	50	1B	1B	X			
104	North Canadian River	23111	360	0.4	0.4	0.5	23	25	2	95	0	0	0	0	0	3	0	0	X	0	1	1	0.5	0	0	0	0	0	0	0	5	0	X	80	M	0	0	0	0	50	45	Si&C	SI&C	50	50	1B	1B	X			
104	North Canadian River	23111	380	0.6	0.4	0.6	25	26	1	98	0	0	0	0	0	2	0	0	X	0	0	1	2	0	0	0	0	0.5	0	0	2	0	X	70	M	0	0	0	0	75	80	Si&C	SI&C	50	50	1B	1B	X			
104	North Canadian River	23111	400	0.4	0.4	0.6	25	27	2	98	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	0	1	0	0	1	0	X	80	M	0	25	0	2	80	75	Si&C	SI&C	50	50	1B	1B	X			
104	Persimmon Creek	21657	20	0.1	0.1	0.1	6	12	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	1	0	0	0	0	0	0	0	50	0	X	40	S	0	25	0	1.8	45	65			40	25	2B	2B	X			
104	Persimmon Creek	21657	40	0.1	0.2	0.1	3	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0.5	0	0	0	0	0	0	0	X	X	60	S	0	25	0	1.5	60	60			20	20	2B	2B	X			
104	Persimmon Creek	21657	60	0.1	0.1	0.1	5	7	0	90	0	0	0	0	10	0	0	0	X	0	0	0.5	2	0	0	0	0	0.5	0	0	0	X	X	70	S	0	40	0	1.7	45	70			15	20	2B	2B	X			
104	Persimmon Creek	21657	80	0.1	0.1	0.1	4	6	0	90	0	0	0	0	10	0	0	0	X	0	0	0.5	2	1	0	0	0	0	0	0	0	X	X	20	S	60	60	1.8	1.8	80	80			15	20	2B	2B	X			
104	Persimmon Creek	21657	100	0.1	0.2	0.1	5	8	0	95	0	0	0	0	5	0	0	0	X	0	0	1	2	1	0	0	0	0	0	0	10	0	0	40	T	50	50	1.7	1.7	75	70			20	20	2B	2B	X			
104	Persimmon Creek	21657	120	0.1	0.1	0.1	5	7	0	100	0	0	0	0	0	0	0	0	X	0	1	0	1	1	0	0	0	0	0	0	60	0	0	40	T	50	50	1.6	1.6	80	75			20	15	1B	1B	X			
104	Persimmon Creek	21657	140	0.1	0.1	0.1	5	6	0	100	0	0	0	0	0	0	0	0	X	0	1	0	1	2	0	0	0	0	0	0	50	X	X	30	T	25	50	1.6	1.6	80	70			25	20	1B	1B	X			
104	Persimmon Creek	21657	160	0.2	0.2	0.1	3	5	0	100	0	0	0	0	0	0	0	0	X	0	1	0	1	1	0	0	0	0	0	0	50	0	0	50	T	50	50	1.3	1.5	80	80			25	20	1B	1B	X			
104	Persimmon Creek	21657	180	0.2	0.1	0.1	3	5	0	100	0	0	0	0	0	0	0	0	X	0	1	0	0	1	0	0	0	0	0	0	75	0	0	50	T	50	50	1.6	1.7	85	80			30	25	1B	1B	X			
104	Persimmon Creek	21657	200	0.1	0.1	0.1	4	5	0	100	0	0	0	0	0	0	0	0	X	0	1	0	0	1	0	0	0	0	0	0	30	0	0	60	M	25	25	1.7	1.8	70	75			25	25	1B	1B	X			
104	Persimmon Creek	21657	220	0.1	0.1	0.1	4	5	0	95	0	0	0	0	5	0	0	0	X	0	1	0.5	1	2	0	0	0	0	0	0	30	0	0	60	M	25	20	1.4	1.6	80	70			30	30	1B	1B	X			
104	Persimmon Creek	21657	240	0.2	0.1	0.2	4	6	0	95	0	0	0	0	5	0	0	0	X	0	1	0	1	3	0	0	0	0	0	0	40	0	0	60	M	25	40	1.6	1.6	80	80			25	25	1B	1B	X			
104	Persimmon Creek	21657	260	0.1	0.2	0.1	6	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0	0	0	10	X	X	40	M	20	25	1.5	1.5	70	50			40	40	1B	1B	X			
104	Persimmon Creek	21657	280	0.4	0.4	0.2	5	7	0	90	0	0	0	0	10	0	0	0	X	0	0	3	4	1	0	0	0	0	0	0	20	X	X	50	T	20	20	1.6	1.7	80	80			40	40	1B	1B	X			
104	Persimmon Creek	21657	300	0.1	0.1	0.1	5	9	0	100	0	0	0	0	0	0	0	0	X	0	1	2	4	2	0	0	0	0	0	0	5	X	X	50	T	0	80	0	1.6	50	80			40	40	1B	1B	X			
104	Persimmon Creek	21657	320	0.2	0.2	0.2	2	4	0	100	0	0	0	0	0	0	0	0	X	0	1	0	0	2	0	0	0	0	0	0	25	0	0	80	T	10	0	1	0	85	55			30	30	1B	1B	X			
104	Persimmon Creek	21657	340	0.1	0.1	0.1	3	5	0	100	0	0	0	0	0	0	0	0	X	0	1	0	0	1	0	0	0	0	0	0	20	0	0	75	M	10	15	1.5	1.6	80	75			20	15	1B	1B	X			
104	Persimmon Creek	21657	360	0.1	0.2	0.1	4	7	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	0	0	0	40	0	0	80	M	5	10	15	1.6	60	75			15	10	1B	1B	X			
104	Persimmon Creek	21657	380	0.2	0.1	0.1	2	5	0	100	0	0	0	0	0	0	0	0	X	0	0.5	2	3	1	0	0	0	0	0	0	10	0	0	60	M	10	20	1.6	1.7	60	75			15	5	1B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Persimmon Creek	21657	400	0.1	0.1	0.1	3	5	0	100	0	0	0	0	0	0	0	0	X	0	0	1	2	1	0	0	0	0	0	0	60	0	0	60	T	30	40	1.3	1.5	75	80			15	10	1B	2B	X			
104	Beaver River	22998	20	0.4	0.2	0.2	11	14	2	98	0	0	0	0	0	0	0	0	X	0	1	1	0	0	0	0	0.5	1	0.5	0	0	0	X	40	G	0	0	0	0	25	10	SND	Si&C	50	50	2C	2B	0	10		1
104	Beaver River	22998	40	0.1	0.3	0.4	10	16	1	99	0	0	0	0	0	0	0	0	X	0	0.5	0	0	0	0	0	1	1	0	0	0	0	X	35	G	10	0	1	0	30	15	SND	Si&C	50	50	2C	2C	0	20	1	6
104	Beaver River	22998	60	0.1	0.2	0.5	10	20	2	98	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0.5	0	2	0	0	0	0	X	60	G	0	40	0	1	15	60	SND	Si&C	50	50	2B	2B	0	5		3
104	Beaver River	22998	80	0.4	0.2	0.2	10	18	1	99	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	1	1	0	0	0	0	X	50	G	0	80	0	1	25	80	Si&C	Si&C	50	50	2B	2B	0	20		1
104	Beaver River	22998	100	0.4	0.3	0.2	10	19	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	1	0	0	0	0	X	40	G	0	0	0	0	45	35	SND	Si&C	50	50	2C	2B	0	30	1	2
104	Beaver River	22998	120	0.2	0.2	0.1	15	22	0.5	99	0	0	0	0	0.5	0	0	0	X	0	0.5	0	0	0	0	0	1	1	0	0	0	0	X	40	G	5	0	1	0	40	35	SND	Si&C	50	50	2C	2B	0	15	2	2
104	Beaver River	22998	140	0.2	0.1	0.5	20	25	1	99	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0.5	2	1	0	0	0	0	X	60	G	0	0	0	0	45	15	SND	Si&C	50	50	2B	2B	0	5		1
104	Beaver River	22998	160	0.3	0.3	0.2	15	20	2	97	0	0	0	0	1	0	0	0	X	0	0.5	0	0.5	0	0	0	2	1	0	0	0	0	X	50	G	0	0	0	0	45	45	SND	SND	50	50	2B	2B	0	5		1
104	Beaver River	22998	180	0.3	0.3	0.3	10	16	1	99	0	0	0	0	0	0	0	0	X	0	1	0.5	0	0	0	0	1	3	0	0	0	0	X	65	G	0	0	0	0	20	35	SND	Si&C	50	50	2B	2B	X			
104	Beaver River	22998	200	0.3	0.3	0.2	22	25	5	95	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	1	1	0	0	0	X	X	50	G	0	0	0	0	25	45	SND	SND	50	50	2B	2B	0	5		3
104	Beaver River	22998	220	0.3	0.2	0.2	15	25	3	97	0	0	0	0	0	0	0	0	X	0	0.5	0	0	0	0	0.5	1	2	0	0	0	0	X	70	G	0	0	0	0	40	30	Si&C	Si&C	50	50	2B	2B	0			1
104	Beaver River	22998	240	0.2	0.2	0.3	12	28	4	96	0	0	0	0	0	0	0	0	X	0	0.5	0.5	0.5	0	0	1	2	2	0	0	0	0	X	50	G	0	0	0	0	45	20	SND	Si&C	50	50	2C	2B	0	5	1	1
104	Beaver River	22998	260	0.2	0.3	0.2	15	27	2	96	0	0	0	0	2	0	0	0	X	0	1	0	0	0	0	2	3	1	0	0	0	X	X	65	G	0	0	0	0	60	30	SND	Si&C	50	50	2B	2B	0	1		1
104	Beaver River	22998	280	0.3	0.3	0.1	12	20	1	97	0	0	0	0	2	0	0	0	X	0	0	0	0	0	0	2	4	2	0	0	0	X	X	60	G	0	0	0	0	45	25	SND	Si&C	50	50	2B	2B	0	1		1
104	Beaver River	22998	300	0.3	0.3	0.2	10	16	2	97	0	0	0	0	1	0	0	0	X	0	0.5	0	0	0	0	2	3	2	0	0	0	X	X	50	G	0	0	0	0	35	30	SND	Si&C	50	50	2C	2B	0	20	1	2
104	Beaver River	22998	320	0.4	0.3	0.3	8	12	2	95	0	0	0	0	3	0	0	0	X	0	0	0	0	0	0	1	5	2	0	0	0	X	X	60	G	10	0	1	0	30	25	SND	Si&C	50	50	2C	2B	0	15		1
104	Beaver River	22998	340	0.1	0.2	0.4	12	15	2	98	0	0	0	0	0	0	0	0	X	0	1	0	0	0	0	0.5	3	1	0	0	0	0	X	60	G	0	0	0	0	20	35	SND	Si&C	50	50	2C	2B	0	10	1	1
104	Beaver River	22998	360	0.3	0.4	0.2	9	15	3	97	0	0	0	0	0	0	0	0	X	0	1	0	0	0	0	2	1	2	0	0	0	0	X	70	G	0	5	0	1	15	50	SND	Si&C	50	50	2C	2B	0	15	1	3
104	Beaver River	22998	380	0.2	0.2	0.3	13	19	2	98	0	0	0	0	0	0	0	0	X	0	0.5	0	0	0	0	1	3	1	0	0	0	0	X	40	G	1	0	1	0	45	15	SND	Si&C	50	50	2B	2B	0	20	1	1
104	Beaver River	22998	400	0.3	0.3	0.3	10	14	5	95	0	0	0	0	0	0	0	0	X	0	1	0	0	0	0	2	2	1	0	0	0	0	X	60	G	5	0	1	0	50	45	Si&C	Si&C	50	50	2B	2B	0	10		5
104	Clear Creek, Harper Co.	23000	20	0.2	0.2	0.2	5	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	0	0	0	0	0	0	100	G	0	0	0	0	10	15	SND	SND	50	15	2B	2B	X			
104	Clear Creek, Harper Co.	23000	40	0.3	0.4	0.3	5	15	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	0	0	0	0	0	0	100	G	0	0	0	0	5	20	SND	SND	50	15	2B	2B	X			
104	Clear Creek, Harper Co.	23000	60	0.4	0.4	0.4	3	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	20	0	0	0	0	0	0	100	G	0	0	0	0	10	15	SND	SND	50	20	2B	2B	X			
104	Clear Creek, Harper Co.	23000	80	0.2	0.3	0.2	4	16	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	0	0	0	0	0	0	100	G	0	0	0	0	15	10	SND	SND	50	40	2B	2B	X			
104	Clear Creek, Harper Co.	23000	100	0.3	0.3	0.3	5	16	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	0	0	0	0	0	0	100	G	0	0	0	0	15	5	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	120	0.4	0.5	0.2	4	16	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	0	0	0	0	0	0	100	G	0	0	0	0	15	15	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	140	0.2	0.2	0.2	5	16	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	0	0	0	0	0	0	100	G	0	0	0	0	10	20	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	160	0.6	0.6	0.3	6	20	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	0	0	0	0	0	0	90	G	10	0	0.4	0	25	15	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	180	0.3	0.3	0.2	4	18	10	90	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	0	0	0	0	0	0	100	G	0	0	0	0	5	10	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	200	0.3	0.4	0.4	4	20	10	90	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	0	0	0	0	0	0	100	G	0	0	0	0	10	10	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	220	0.2	0.2	0.2	7	20	15	85	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	7	0	0	0	0	0	0	100	G	0	0	0	0	25	10	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	240	0.4	0.4	0.2	7	20	20	80	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	0	0	0	0	0	0	100	G	0	0	0	0	35	10	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	260	0.3	0.4	0.3	4	15	15	85	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	0	0	0	0	0	0	100	G	0	0	0	0	35	10	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	280	0.2	0.3	0.2	5	16	20	80	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	8	0	0	0	0	0	0	100	G	0	0	0	0	30	10	SND	SND	50	50	2B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Clear Creek, Harper Co.	23000	300	0.3	0.5	0.2	6	20	10	90	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	15	0	0	0	0	0	0	100	G	0	0	0	0	25	5	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	320	0.3	0.3	0.2	6	20	15	85	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	15	0	0	0	0	0	0	100	G	0	0	0	0	15	5	SND	SND	40	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	340	0.7	0.8	0.2	6	20	20	80	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	20	0	0	0	0	0	0	100	G	0	0	0	0	10	5	SND	SND	40	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	360	0.4	0.4	0.2	6	20	20	80	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	20	0	0	0	0	0	0	100	G	0	0	0	0	15	5	SND	SND	30	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	380	0.4	0.4	0.2	6	20	25	75	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	15	0	0	0	0	0	0	100	G	0	0	0	0	20	5	SND	SND	30	50	2B	2B	X			
104	Clear Creek, Harper Co.	23000	400	0.3	0.3	0.2	8	20	25	75	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	0	0	0	0	0	0	100	G	0	0	0	0	25	5	SND	SND	20	50	2B	2B	X			
104	Kiowa Creek, Harper Co.	22999	20	0.2	0.3	0.4	5	7	0	100	0	0	0	0	0	0	0	0	X	0	0.5	0	0.5	0	0	0	0.5	0	0	0	5	X	X	40	G	20	80	0.5	1	65	20	SND	SND	50	50	2C	2C	0			1
104	Kiowa Creek, Harper Co.	22999	40	0.4	0.3	0.3	6	9	0	90	0	0	10	0	0	0	0	0	X	0	1	1.5	1	0	0	0	1	0	5	15	0	X	X	45	G	70	0	2	0	70	30	SND	SND	50	50	2C	2C	0			2
104	Kiowa Creek, Harper Co.	22999	60	0.4	0.4	0.1	4	10	0	100	0	0	0	0	0	0	0	0	X	0	1	0	1	0.5	0	0	0.5	0	0	0	0	X	X	50	G	80	0	2	0	75	25	SND	SND	50	50	2B	2B	X			
104	Kiowa Creek, Harper Co.	22999	80	0.4	0.2	0.2	4	6	0	100	0	0	0	0	0	0	0	0	X	0	0.5	0	1	0.5	0	0	0.5	0.5	0	0	10	0	X	85	G	0	0	0	0	45	35	SND	SND	50	50	2B	2B	0			1
104	Kiowa Creek, Harper Co.	22999	100	0.2	0.6	0.4	5	8	0	100	0	0	0	0	0	0	0	0	X	0	1	0	1	1	0	0	1	0.5	0	0	35	0	X	85	G	0	0	0	0	40	65	SND	SND	50	50	2B	2B	X			
104	Kiowa Creek, Harper Co.	22999	120	0.3	0.3	0.1	6	10	0	100	0	0	0	0	0	0	0	0	X	0	1.5	0.5	1	0	0	0	0.5	1	0	0	20	0	X	70	G	0	30	0	1	35	55	SND	SND	50	50	2B	2B	X			
104	Kiowa Creek, Harper Co.	22999	140	0.4	0.4	0.3	5	10	0	100	0	0	0	0	0	0	0	0	X	0	1	0	0.5	0.5	0	0	0.5	1	0	0	20	X	X	85	G	0	0	0	0	35	40	SND	SND	50	50	2B	2B	0	20	1	1
104	Kiowa Creek, Harper Co.	22999	160	0.3	0.3	0.2	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	1	1	0	0	0	0	X	32	S	0	0	0	0	35	35	SND	SND	50	50	2B	2B	0			1
104	Kiowa Creek, Harper Co.	22999	180	0.2	0.4	0.4	4	10	0	100	0	0	0	0	0	0	0	0	X	0	1	0	1	0.5	0	0	1	0	0	0	5	0	X	70	G	0	0	0	0	30	45	SND	SND	50	50	2B	2B	X			
104	Kiowa Creek, Harper Co.	22999	200	0.2	0.4	0.3	4	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	2	0	0	0	1	0.5	0	0	20	X	X	85	S	0	0	0	0	25	30	SND	SND	50	50	2B	2B	X			
104	Kiowa Creek, Harper Co.	22999	220	0.3	0.3	0.4	4	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0.5	0	0	15	0	X	80	S	0	0	0	0	30	45	SND	SND	50	50	2B	2B	X			
104	Kiowa Creek, Harper Co.	22999	240	0.3	0.4	0.4	4	8	0	100	0	0	0	0	0	0	0	0	X	0	1	1	1.5	1	0	0	1	1	0	0	30	0	X	90	S	0	0	0	0	35	45	SND	SND	50	50	2B	2B	0			1
104	Kiowa Creek, Harper Co.	22999	260	0.3	0.3	0.3	5	10	0	100	0	0	0	0	0	0	0	0	X	0	1	0	1	0	0	0	1	1	0	0	10	0	X	85	G	0	0	0	0	40	45	SND	SND	50	50	2B	2B	0			3
104	Kiowa Creek, Harper Co.	22999	280	0.3	0.3	0.4	4	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	1	0	0	0	30	0	X	85	G	0	0	0	0	20	35	SND	SND	50	50	2B	2B	X			
104	Kiowa Creek, Harper Co.	22999	300	0.3	0.3	0.4	5	10	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	20	0	X	85	S	0	0	0	0	20	45	SND	SND	50	50	2B	2B	0			1
104	Kiowa Creek, Harper Co.	22999	320	0.3	0.3	0.4	4	11	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	1	0	0	0	25	0	X	75	G	0	0	0	0	15	35	SND	SND	50	50	2B	2B	X			
104	Kiowa Creek, Harper Co.	22999	340	0.3	0.3	0.3	4	12	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	1	0	0	0	15	0	X	80	S	0	0	0	0	30	20	SND	SND	50	50	2B	2B	0			2
104	Kiowa Creek, Harper Co.	22999	360	0.2	0.4	0.5	3	8	0	100	0	0	0	0	0	0	0	0	X	0	1	0	1	0	0	0	2	1	0	0	15	0	X	85	S	0	0	0	0	25	35	SND	SND	50	50	2B	2B	X			
104	Kiowa Creek, Harper Co.	22999	380	0.4	0.2	0.3	6	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	1.5	0.5	0	0	10	X	X	80	S	0	0	0	0	30	30	SND	SND	50	50	2B	2B	0			2
104	Kiowa Creek, Harper Co.	22999	400	0.3	0.3	0.3	6	12	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	1	0	0	1	0	0	0	15	X	X	85	S	0	0	0	0	25	30	SND	SND	50	50	2B	2B	0			3
104	Kiowa Creek, Beaver Co.	22995	20	0.5	0.7	0.4	8	10	10	90	0	0	0	0	0	0	0	X	X	0	0	1	0	0	0	0	3	1	0	0	5	X	X	75	G	0	0	0	0	35	40	SND	SND	10	10	2B	2B	X			
104	Kiowa Creek, Beaver Co.	22995	40	0.7	0.5	0.2	3	10	5	95	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	1	0.5	0	0	0	X	X	70	G	0	10	0	0.5	65	30	SND	SND	30	20	2B	2B	X			
104	Kiowa Creek, Beaver Co.	22995	60	0.2	0.2	0.2	3	8	0	15	50	35	0	0	0	0	X	0	0	0	1.5	0	1	0	0	0	1	0.5	5	5	10	0	X	85	G	0	0	0	0	50	30	SND	SND	40	40	2B	2B	0			1
104	Kiowa Creek, Beaver Co.	22995	80	0.4	0.3	0.1	4	8	5	95	0	0	0	0	0	0	0	X	X	0	3	1.5	0.5	0	0	0	0	2	0	0	0	0	X	85	G	0	0	0	0	55	35	SND	SND	30	50	2B	2B	X			
104	Kiowa Creek, Beaver Co.	22995	100	0.6	0.5	0.3	6	8	10	90	0	0	0	0	0	0	0	X	X	0	1	1	2	1	0	0	1	1	5	10	0	X	X	70	G	30	0	2	0	75	55	SND	SND	40	40	2B	2B	X			
104	Kiowa Creek, Beaver Co.	22995	120	0.2	0.3	0.3	3	5	5	95	0	0	0	0	0	0	0	0	X	0	1	0	1	0	0	0	1	0.5	0	0	0	X	X	85	G	10	0	1	0	60	45	SND	SND	30	30	2B	2B	0			2
104	Kiowa Creek, Beaver Co.	22995	140	0.3	0.2	0.2	4	6	5	95	0	0	0	0	0	0	0	0	X	0	1	3	0	0.5	0	0	0.5	0.5	0	0	15	X	X	90	G	0	0	0	0	60	50	SND	SND	50	20	2B	2B	0			1
104	Kiowa Creek, Beaver Co.	22995	160	0.2	0.3	0.4	3	6	10	90	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	1	0	0	0	X	X	85	G	0	0	0	0	45	55	SND	SND	50	40	2B	2B	0	10		1
104	Kiowa Creek, Beaver Co.	22995	180	0.4	0.5	0.3	3	6	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	1	1	0	0	25	0	X	90	G	0	0	0	0	50	40	SND	SND	50	40	2B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Kiowa Creek, Beaver Co.	22995	200	0.2	0.3	0.3	3	8	5	90	5	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	1	1	0	0	0	0	X	90	G	0	0	0	0	50	55	SND	SND	50	50	2B	2B	0	20		1
104	Kiowa Creek, Beaver Co.	22995	220	0.1	0.3	0.4	3	6	10	80	10	0	0	0	0	0	0	0	X	0	1	0	1	0	0	0	0.5	0.5	0	0	5	X	X	80	M	10	0	1	0	60	65	SND	SND	50	50	1B	2B	X			
104	Kiowa Creek, Beaver Co.	22995	240	0.2	0.4	0.5	3	5	10	75	15	0	0	0	0	0	0	0	X	0	1	0	1	0.5	0	0	0.5	0.5	0	0	10	X	X	90	M	0	0	0	0	45	65	SND	SND	50	50	1B	2B	X			
104	Kiowa Creek, Beaver Co.	22995	260	0.3	0.1	0.2	5	7	5	70	20	0	0	0	5	0	0	0	X	0	1	0	0	0	0	0	0.5	1	0	0	15	X	X	90	M	0	0	0	0	45	55	SND	SND	50	50	1B	2B	X			
104	Kiowa Creek, Beaver Co.	22995	280	0.3	0.3	0.1	4	10	10	85	0	0	0	0	5	0	0	0	X	0	0	0	2	1	0	0	0.5	0.5	0	0	10	X	X	80	G	0	0	0	0	50	35	SND	SND	50	50	2B	2B	0	30		4
104	Kiowa Creek, Beaver Co.	22995	300	0.2	0.3	0.2	4	8	5	80	10	0	0	0	5	0	0	0	X	0	0	0	2	1	0	0	1	1	0	0	0	X	X	70	G	0	10	0	0.5	40	55	SND	SND	50	50	1B	2B	X			
104	Kiowa Creek, Beaver Co.	22995	320	0.3	0.3	0.4	4	5	5	85	0	0	0	0	10	0	0	0	X	0	0	0	3	1	0	0	0.5	0.5	0	0	15	X	X	90	M	0	0	0	0	45	45	SND	SND	50	50	1B	2B	X			
104	Kiowa Creek, Beaver Co.	22995	340	0.1	0.4	0.2	3	8	0	95	0	0	0	0	5	0	0	0	X	0	1	0	1	0	0	0	0.5	0.5	0	0	10	X	X	90	M	0	0	0	0	40	55	SND	SND	50	50	1B	1B	0			1
104	Kiowa Creek, Beaver Co.	22995	360	0.5	0.5	0.4	4	5	0	100	0	0	0	0	0	0	0	0	X	0	0	0	3	0	0	0	0.5	1	0	0	10	X	X	85	M	0	0	0	0	65	60	SND	SND	50	50	2B	1B	X			
104	Kiowa Creek, Beaver Co.	22995	380	0.2	0.3	0.3	5	8	5	90	0	0	0	0	5	0	0	0	X	0	0	0	1	0	0	0	1	1	0	0	0	X	X	90	G	0	0	0	0	60	65	SND	SND	50	50	2B	2B	X			
104	Kiowa Creek, Beaver Co.	22995	400	0.3	0.5	0.5	4	10	15	80	0	0	0	0	5	0	0	0	X	0	0	0	1.5	1	0	0	0.5	0.5	0	0	10	X	X	90	G	0	0	0	0	45	70	SND	SND	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	20	0.7	0.9	0.7	19	22	100	0	0	0	0	0	0	0	0	X	0	0	1	0	1	0	0	0	1	1	0	0	0	0	X	100	G	0	0	0	0	10	5	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	40	0.6	0.9	0.8	17	21	100	0	0	0	0	0	0	0	0	X	0	0	1	0	0	0	0	0	1	1	0	0	0	0	X	100	G	0	0	0	0	10	10	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	60	0.6	0.7	0.6	16	19	100	0	0	0	0	0	0	0	0	X	0	0	1	0	0	0	0	0	1	1	0	0	0	0	X	100	G	0	0	0	0	10	10	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	80	0.5	0.8	0.6	16	20	100	0	0	0	0	0	0	0	0	X	0	0	1	0	0	0	0	0	1	1	0	0	0	0	X	100	G	0	0	0	0	10	10	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	100	0.7	1	0.8	14	20	100	0	0	0	0	0	0	0	0	X	0	0	1	0	0	0	0	0	3	1	0	0	0	0	X	100	G	0	0	0	0	5	10	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	120	0.7	0.8	0.7	10	20	100	0	0	0	0	0	0	0	0	X	0	0	1	0	0	0	0	0	5	0	0	0	0	0	X	100	G	0	0	0	0	5	10	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	140	0.5	0.6	0.5	11	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	8	0	0	0	0	0	X	100	G	0	0	0	0	5	10	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	160	0.2	0.3	0.2	10	20	100	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	90	0	0	0	0	0	X	100	G	0	0	0	0	5	5	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	180	0.2	0.3	0.2	10	20	100	0	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	90	0	0	0	0	0	X	100	G	0	0	0	0	5	5	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	200	0.4	0.4	0.4	2	20	75	25	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	40	0	0	0	0	0	X	100	G	0	0	0	0	5	5	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	220	0.2	0.3	0.2	3	20	50	50	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	40	0	0	0	0	0	X	100	G	0	0	0	0	5	5	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	240	0.2	0.3	0.2	2	20	25	75	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	40	0	0	0	0	0	X	100	G	0	0	0	0	10	15	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	260	0.2	0.3	0.3	3	20	20	80	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	50	0	0	0	0	0	X	100	G	0	0	0	0	10	15	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	280	0.2	0.3	0.3	3	20	20	80	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	60	0	0	0	0	0	X	100	G	0	0	0	0	5	15	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	300	0.2	0.3	0.3	2	20	25	75	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	50	0	0	0	0	0	X	100	G	0	0	0	0	5	15	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	320	0.2	0.3	0.2	5	20	25	75	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	50	0	0	0	0	0	X	100	G	0	0	0	0	5	15	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	340	0.4	0.5	0.4	7	20	90	10	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	20	0	0	0	0	0	X	100	G	0	0	0	0	10	15	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	360	0.5	0.5	0.1	11	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	25	0	0	0	0	0	X	100	G	0	0	0	0	10	15	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	380	0.6	0.8	0.7	21	23	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	10	0	0	0	0	0	X	100	G	0	0	0	0	10	15	Si&C	SI&C	50	50	2B	2B	X			
104	Clear Creek, Beaver Co.	22994	400	0.7	0.8	0.8	23	23	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	2	0	0	0	0	0	X	100	G	0	0	0	0	10	15	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	20	1	1.2	0.6	20	25	90	5	0	0	0	0	5	0	0	X	0	0	0	1	1	0	0	1	50	1	0	0	5	0	X	80	G	0	0	0	0	25	15	Si&C	SI&C	10	50	2B	2B	X			
104	Palo Duro Creek	22993	40	0.9	1.2	0.9	12	17	85	5	0	0	0	0	10	0	0	X	0	0	0	0	0	0	0	5	20	2	0	0	5	0	X	85	G	0	0	0	0	35	45	Si&C	SI&C	20	50	2B	2B	X			
104	Palo Duro Creek	22993	60	0.1	0.1	0.1	10	13	80	15	0	0	0	0	5	0	0	0	X	0	0	0	0	0	0	1	30	1	0	0	0	0	X	80	G	0	0	0	0	45	40	Si&C	SI&C	25	50	2B	2B	X			
104	Palo Duro Creek	22993	80	0.1	0.2	0.2	10	12	60	5	0	0	0	0	35	0	0	X	0	0	0	0	0	0	0	2	20	1	0	0	1	0	X	85	G	0	0	0	0	70	80	Si&C	SI&C	30	50	2B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Palo Duro Creek	22993	100	0.3	0.3	0.3	8	9	35	5	0	0	0	0	60	0	0	X	0	0	0	0	0	0	0	5	15	2	0	0	0	0	X	90	G	0	0	0	0	85	85	Si&C	SI&C	40	50	2B	2B	X			
104	Palo Duro Creek	22993	120	0.3	0.2	0.1	9	11	45	5	0	0	0	0	50	0	0	X	0	0	0	0	0	0	0	10	10	3	0	0	0	0	X	80	G	0	0	0	0	75	70	Si&C	SI&C	45	50	2B	2B	X			
104	Palo Duro Creek	22993	140	0.3	0.3	0.1	10	13	50	0	0	0	0	0	50	0	0	X	0	0	0	0	0	0	0	5	15	1	0	0	1	0	X	75	G	0	0	0	0	60	65	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	160	0.1	0.1	0.1	13	15	40	0	0	0	0	0	60	0	0	X	0	0	0	0	0	0	0	10	10	0	0	0	0	0	X	80	G	0	0	0	0	55	75	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	180	0.2	0.2	0.2	16	18	50	0	0	0	0	0	50	0	0	X	0	0	0	0	0	0	0	5	15	0	0	0	0	0	X	75	G	0	0	0	0	60	65	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	200	0.1	0.1	0.2	15	78	50	0	0	0	0	0	50	0	0	X	0	0	0	0	0	0	0	5	20	0	0	0	0	0	X	75	M	0	0	0	0	65	70	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	220	0.2	0.1	0.3	10	13	40	0	0	0	0	0	60	0	0	X	0	0	0	0	0	0	0	5	25	0	0	0	0	0	X	80	G	0	0	0	0	70	85	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	240	0.2	0.2	12	14	60	0	0	0	0	0	40	0	0	0	X	X	0	0	0	0	0	0	10	15	0	0	0	5	0	X	70	G	0	0	0	0	75	80	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	260	0.5	0.3	0.2	8	14	50	0	0	0	0	0	50	0	0	X	0	0	0	0	0	0	0	5	20	0	0	0	0	0	X	70	G	0	0	0	0	80	45	Si&C	SI&C	50	50	2B	2B	0			3
104	Palo Duro Creek	22993	280	0.2	0.3	0.2	12	14	40	0	0	0	0	0	60	0	0	X	X	0	0	0	0	0	0	5	10	0	0	0	0	0	X	70	G	0	0	0	0	80	80	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	300	0.1	0.2	0.2	10	15	40	0	0	0	0	0	60	0	0	X	X	0	0	0	0	0	0	5	25	0	0	0	0	0	X	75	G	0	0	0	0	75	75	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	320	0.2	0.2	0.2	12	14	50	0	0	0	0	0	50	0	0	X	0	0	0	0	0	0	0	10	25	0	0	0	0	0	X	75	G	0	0	0	0	75	75	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	340	0.2	0.2	0.2	15	16	40	0	0	0	0	0	60	0	0	X	0	0	0	0	0	0	0	10	50	0	0	0	0	0	X	70	G	0	0	0	0	65	60	Si&C	SI&C	50	50	2B	2B	0			3
104	Palo Duro Creek	22993	360	0.3	0.4	0.2	15	17	50	0	0	0	0	0	50	0	0	X	0	0	0	0	0	0	0	10	35	0	0	0	3	0	X	65	G	0	0	0	0	60	50	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	380	0.3	0.3	0.3	14	16	40	0	0	0	0	0	60	0	0	X	0	0	0	0	0	0	0	10	50	0	0	0	0	0	X	70	G	0	0	0	0	65	45	Si&C	SI&C	50	50	2B	2B	X			
104	Palo Duro Creek	22993	400	0.2	0.2	0.2	13	16	60	0	0	0	0	0	40	0	0	X	0	0	0	0	0	0	0	10	50	0	0	0	2	0	X	60	G	0	0	0	0	60	50	Si&C	SI&C	50	50	2B	2B	X			
104	Wolf Creek	19111	20	0.2	0.2	0.3	10	12	0	100	0	0	0	0	0	0	0	0	X	0	0	1	0.5	5	0	0	0	1	0	0	10	X	X	90	G	0	0	0	0	45	50	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	40	0.4	0	0.4	12	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1.5	2	0	0	0	1	0	0	5	X	X	80	G	10	0	1	0	55	40	SND	SND	30	50	1A	1A	X			
104	Wolf Creek	19111	60	0.3	0.2	0.4	12	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	1	0	0	0	1	0	0	10	X	X	90	M	0	0	0	0	45	40	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	80	0.2	0.2	0.5	14	15	0	100	0	0	0	0	0	0	0	0	X	0	1.5	0	0.5	3	0	0	0	0.5	0	0	20	X	X	95	M	0	0	0	0	35	35	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	100	0.2	0.3	0.5	10	14	0	100	0	0	0	0	0	0	0	0	X	0	4	0	0.5	5	0	0	0	0.5	0	0	55	X	X	90	M	0	0	0	0	30	25	SND	SND	50	50	2A	1A	X			
104	Wolf Creek	19111	120	0.3	0.3	0.2	8	10	0	100	0	0	0	0	0	0	0	0	X	0	2	0	0.5	3	0	0	0	1.5	0	0	20	X	X	95	M	0	0	0	0	35	30	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	140	0.5	0.3	0.2	11	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	1.5	0	0	0	4	0	0	25	X	X	95	M	0	0	0	0	40	20	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	160	0.3	0.3	0.2	12	14	0	100	0	0	0	0	0	0	0	0	X	0	1	0	1.5	1	0	0	0	3	0	0	10	X	X	90	M	0	0	0	0	50	30	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	180	0.4	0.4	0.2	11	12	0	100	0	0	0	0	0	0	0	0	X	0	1	0.5	1	3	0	0	0	1	0	0	5	X	X	85	M	10	0	1	0	60	40	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	200	0.4	0.2	0.2	11	12	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1.5	1	0	0	0	1	0	0	0	X	X	90	M	10	0	1	0	60	35	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	220	0.4	0.3	0.1	12	13	0	100	0	0	0	0	0	0	0	0	X	0	3	0.5	1	2	0	0	0	0.5	0	0	20	X	X	95	M	0	0	0	0	55	30	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	240	0.2	0.3	0.4	13	14	0	100	0	0	0	0	0	0	0	0	X	0	1	0	0.5	1	0	0	0	1.5	0	0	15	X	X	95	M	0	0	0	0	20	35	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	260	0.2	0.4	0.5	12	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	1	0	0	0	0.5	0	0	0	X	X	95	M	0	0	0	0	30	45	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	280	0.1	0.2	0.3	13	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	3.5	0	0	0	0.5	0	0	10	X	X	95	M	10	0	0.5	0	40	45	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	300	0.2	0.2	0.2	14	15	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1.5	1	0	0	0	3	0	0	0	X	X	85	M	0	0	0	0	50	45	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	320	0.3	0.2	0.2	12	14	0	100	0	0	0	0	0	0	0	0	X	0	1.5	0	1	1	0	0	0	1.5	0	0	5	X	X	95	M	0	0	0	0	50	50	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	340	0.4	0.4	0.1	13	15	0	100	0	0	0	0	0	0	0	0	X	0	3	0	1	1	0	0	0	2	0	0	10	X	X	95	M	0	0	0	0	50	50	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	360	0.4	0.2	0.3	14	14	0	100	0	0	0	0	0	0	0	0	X	0	1	2	1	1	0	0	0	1	0	0	20	X	X	95	M	0	0	0	0	40	45	SND	SND	50	50	1A	1A	X			
104	Wolf Creek	19111	380	0.2	0.2	0.2	14	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	1	0	0	0	1	0	0	15	X	X	95	M	0	0	0	0	30	45	SND	SND	50	50	1A	1A	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Wolf Creek	19111	400	0.5	0.3	0.1	15	16	0	100	0	0	0	0	0	0	0	0	X	0	1	3	1	1.5	0	0	0	1	0	0	15	X	X	95	M	0	0	0	0	45	30	SND	SND	50	50	1A	1A	X			
104	Buzzard Creek	23006	20	0.1	0.3	0.3	3	13	5	95	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	50	X	X	80	G	0	0	0	0	20	25	SND	SND	30	30	2B	2B	X			
104	Buzzard Creek	23006	40	1	0.6	0.5	4	12	0	100	0	0	0	0	0	0	0	X	X	0	1	0	0	0	0	0	3	1	5	0	0	0	X	95	G	0	0	0	0	20	25	SND	SND	50	50	2B	2B	X			
104	Buzzard Creek	23006	60	0.6	0.5	0.2	2	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	5	1	0	0	80	0	X	95	S	0	0	0	0	25	20	SND	SND	50	50	2B	2B	X			
104	Buzzard Creek	23006	80	0.4	0.4	0.1	10	16	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	2	0.5	0	0	0	X	X	85	G	0	0	0	0	20	20	SND	SND	50	50	2B	1B	X			
104	Buzzard Creek	23006	100	0.3	0.3	0.2	12	20	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	6	1	0	0	0	0	X	90	G	0	0	0	0	20	20	SND	SND	50	50	2B	1B	0			1
104	Buzzard Creek	23006	120	0.2	0.3	0.1	6	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	3	0	0	0	0	0	X	95	G	0	0	0	0	30	25	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	140	0.4	0.6	0.2	3	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	1	0	0	0	10	0	X	95	G	0	0	0	0	35	35	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	160	0.4	0.5	0.2	2	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	3	0	0	0	5	0	X	95	S	0	0	0	0	20	25	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	180	0.3	0.5	0.1	6	16	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	1.5	0.5	0	0	5	X	X	95	G	0	0	0	0	20	25	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	200	0.4	0.4	0.2	3	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	2	0	0	0	0	X	X	95	G	0	0	0	0	30	20	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	220	0.3	0.3	0.2	2	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	1.5	0.5	0	0	40	0	X	90	M	0	0	0	0	25	20	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	240	0.3	0.4	0.2	3	8	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	4	1	0	0	10	0	X	90	M	0	0	0	0	25	15	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	260	0.2	0.2	0.3	4	12	0	100	0	0	0	0	0	0	0	0	X	0	0	0	1	0	0	0	1	1	0	0	30	X	X	95	M	0	0	0	0	20	25	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	280	0.5	0.4	0.3	3	20	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0.5	0	0	25	X	X	95	M	0	0	0	0	30	20	SND	SND	50	50	1A	1A	X			
104	Buzzard Creek	23006	300	0.2	0.5	0.4	2	14	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0.5	0	0	0	5	0	X	95	S	0	0	0	0	20	15	SND	SND	50	50	1B	1A	X			
104	Buzzard Creek	23006	320	0.3	0.3	0.2	3	20	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	1	0	0	0	15	X	X	95	M	0	0	0	0	30	15	SND	SND	50	50	1B	1A	0			1
104	Buzzard Creek	23006	340	0.2	0.3	0.2	4	22	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	4	0	0	0	10	X	X	90	G	0	0	0	0	30	15	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	360	0.5	0.4	0.2	5	20	0	95	0	0	0	0	5	0	0	0	X	0	0	0	0	0	0	0	3	0.5	0	0	0	X	X	95	G	0	0	0	0	25	20	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	380	0.4	0.4	0.2	4	25	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	1	0.5	0	0	10	0	X	90	G	0	0	0	0	20	30	SND	SND	50	50	1B	1B	X			
104	Buzzard Creek	23006	400	0.2	0.2	0.3	4	50	0	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	1	0	0	0	5	X	X	95	G	0	0	0	0	10	10	SND	SND	50	50	B1	1B	X			
104	Corrumpa Creek	22989	20	0.3	0.5	0.3	8	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0.5	0	0	0	1	30	0	0	0	85	0	X	60	S	0	0	0	0	10	10	Si&C	SI&C	50	50	2B	2B	0	25	1	2
104	Corrumpa Creek	22989	40	0.05	0.05	0.05	5	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	10	0	0	0	0	0	X	70	S	0	0	0	0	10	10	Si&C	SI&C	50	50	2B	2B	X			
104	Corrumpa Creek	22989	60	0.05	0.05	0.05	5	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	15	0	0	0	0	0	X	70	S	0	0	0	0	10	10	Si&C	SI&C	50	50	2B	2B	0			1
104	Corrumpa Creek	22989	80	0.05	0.05	0.05	5	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	20	0	0	0	0	0	X	70	S	0	0	0	0	10	10	Si&C	SI&C	50	50	2B	2B	X			
104	Corrumpa Creek	22989	100	0.05	0.05	0.05	5	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	10	0	0	0	0	0	X	60	S	0	0	0	0	10	10	Si&C	SI&C	50	50	2B	2B	0	10	2	6
104	Corrumpa Creek	22989	120	0.05	0.05	0.05	5	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	20	0	0	0	0	0	X	60	S	0	0	0	0	10	10	Si&C	SI&C	50	40	2B	2B	0	5		2
104	Corrumpa Creek	22989	140	0.05	0.05	0.05	5	22	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	15	0	0	0	0	0	X	65	S	0	0	0	0	10	10	Si&C	SI&C	50	35	2B	2B	0	10	1	2
104	Corrumpa Creek	22989	160	0.05	0.05	0.05	5	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	20	0	0	0	0	0	X	65	S	0	0	0	0	10	10	Si&C	SI&C	50	25	2B	2B	0	5	2	3
104	Corrumpa Creek	22989	180	0.05	0.05	0.05	5	25	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	10	0	0	0	0	0	X	75	G	0	0	0	0	10	20	Si&C	SI&C	50	20	2B	2B	0	5	1	2
104	Corrumpa Creek	22989	200	0.1	0.1	0.1	3	25	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	15	0	0	0	0	0	X	70	G	0	0	0	0	10	20	Si&C	SI&C	50	20	2B	2B	0	25	2	6
104	Corrumpa Creek	22989	220	0.05	0.05	0.05	5	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	10	0	0	0	0	0	X	75	G	0	0	0	0	10	25	Si&C	SI&C	50	20	2B	2B	0	5	1	3
104	Corrumpa Creek	22989	240	0.1	0.1	0.1	4	25	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	5	0	0	0	0	0	X	60	G	0	0	0	0	10	30	Si&C	SI&C	50	15	2B	2B	0	10	2	4
104	Corrumpa Creek	22989	260	0.05	0.05	0.05	5	25	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	5	0	0	0	0	0	X	70	G	0	0	0	0	10	45	Si&C	SI&C	50	10	2B	2B	0	5	0	3
104	Corrumpa Creek	22989	280	0.05	0.05	0.05	10	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	10	0	0	0	0	0	X	50	G	0	0	0	0	10	60	Si&C	SI&C	50	5	2B	2B	0	5	5	3

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Corrumpa Creek	22989	300	0.3	0.3	0.3	10	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	30	0	0	0	0	0	X	50	G	0	5	0	1	10	70	Si&C	SI&C	50	2	2B	2B	0	1	1	4
104	Corrumpa Creek	22989	320	0.3	0.5	0.3	15	25	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	25	0	0	0	0	0	X	50	G	0	25	0	1	10	65	Si&C	SI&C	50	2	2B	2B	0			2
104	Corrumpa Creek	22989	340	0.1	0.5	0.2	10	20	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	15	20	0	0	0	0	0	X	40	G	0	10	0	1	10	60	Si&C	SI&C	50	2	2B	2B	0	5	1	2
104	Corrumpa Creek	22989	360	0.05	0.05	0.05	10	25	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	10	0	0	0	0	0	X	60	G	0	0	0	0	10	40	Si&C	SI&C	50	20	2B	2B	0	5	1	3
104	Corrumpa Creek	22989	380	0.1	0.1	0.1	4	25	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	15	0	0	0	0	0	X	65	G	0	0	0	0	10	40	Si&C	SI&C	50	10	2B	2B	0	1		3
104	Corrumpa Creek	22989	400	0.2	0.4	0.3	15	20	90	10	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	5	15	0	0	0	0	0	X	60	G	0	0	0	0	15	60	Si&C	SI&C	50	5	2B	2B	0	1	1	2
104	Cimarron River, East	22990	20	0.2	0.3	0.1	14	24	0	10	30	60	0	0	0	0	0	0	X	0	0	0	0	0	0	0	3	0	45	10	10	X	X	85	S	0	0	0	0	5	35	GRV	GRVL	10	15	2B	2B	X			
104	Cimarron River, East	22990	40	0.7	0.8	0.5	12	24	0	15	30	45	10	0	0	0	0	X	X	0	0	0	0	0	0	0	4	0	25	10	0	0	X	80	M	0	0	0	0	5	30	GRV	SI&C	10	25	2B	2B	X			
104	Cimarron River, East	22990	60	0.3	0.5	0.3	18	30	0	10	20	50	20	0	0	0	0	X	0	0	0	0	0	0	0	0	3	0	35	0	0	0	X	80	M	0	0	0	0	15	25	GRV	SND	30	15	2B	2B	X			
104	Cimarron River, East	22990	80	0.5	0.7	0.3	22	40	0	60	30	10	0	0	0	0	0	X	0	0	0	0	0.5	0	0	0	2	0	20	0	50	0	X	80	G	0	0	0	0	10	25	GRV	SND	40	10	2B	2B	X			
104	Cimarron River, East	22990	100	0.8	1.2	0.8	30	45	5	75	10	10	0	0	0	0	0	X	0	0	0	0	1	0	0	0	1	0	10	0	0	0	X	80	G	0	0	0	0	10	30	GRV	SND	50	20	2B	2B	X			
104	Cimarron River, East	22990	120	1	1.2	1	30	45	10	90	0	0	0	0	0	0	0	X	0	0	0	0	0.5	0	0	0	1	0	0	0	0	0	X	65	G	0	0	0	0	10	35	GRV	SND	50	10	1B	2B	X			
104	Cimarron River, East	22990	140	1.1	1.2	1.1	35	50	85	15	0	0	0	0	0	0	0	X	0	0	0	0	0.5	0	0	0	2	0	0	0	0	0	X	85	G	0	0	0	0	10	20	GRV	SND	50	10	1A	2B	X			
104	Cimarron River, East	22990	160	0.7	0.8	0.6	30	50	25	10	40	25	0	0	0	0	0	X	0	0	0	0	0	0	0	0	3	0	5	0	0	0	X	85	M	0	0	0	0	15	20	SND	SND	40	10	1A	2B	X			
104	Cimarron River, East	22990	180	0.5	0.5	0.5	25	35	5	10	50	35	0	0	0	0	0	X	0	0	0	0	0	0	0	0	3	0	15	0	0	0	X	65	G	0	0	0	0	15	35	SND	SND	40	10	1A	2B	0	10		2
104	Cimarron River, East	22990	200	0.5	0.5	0.3	20	30	0	10	60	30	0	0	0	0	0	X	0	0	0	0	0	0	0	0	4	0	15	0	0	0	X	60	G	0	0	0	0	10	30	SND	SND	30	10	1B	2B	0	20		2
104	Cimarron River, East	22990	220	0.2	0.2	0.2	20	40	0	10	70	20	0	0	0	0	0	X	X	0	0	0	0	0	0	0	6	0	20	0	0	0	X	80	G	0	0	0	0	30	20	SND	SND	40	10	1B	2B	X			
104	Cimarron River, East	22990	240	0.1	0.1	0.1	30	40	15	10	75	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	10	0	10	0	0	0	X	85	G	0	0	0	0	25	20	SND	SND	40	10	1B	2B	X			
104	Cimarron River, East	22990	260	0.1	0.2	0.1	30	40	10	10	80	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	15	0	10	0	0	0	X	90	G	0	0	0	0	35	40	SND	SND	40	10	2B	2B	X			
104	Cimarron River, East	22990	280	0.2	0.2	0.2	35	45	5	10	85	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	25	0	10	0	0	0	X	85	G	0	0	0	0	30	40	SND	SND	50	10	2B	2B	X			
104	Cimarron River, East	22990	300	0.2	0.3	0.2	40	45	0	10	90	0	0	0	0	0	0	X	X	0	0	0	0	0	0	0	35	0	0	0	0	0	X	70	G	0	10	0	1	35	30	SND	SND	50	10	2B	2B	X			
104	Cimarron River, East	22990	320	0.2	0.2	0.2	30	40	60	30	10	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	45	0	0	0	0	0	X	80	G	0	0	0	0	30	30	SND	SND	40	0	2B	2B	X			
104	Cimarron River, East	22990	340	0.1	0.1	0.1	40	50	10	60	30	0	0	0	0	0	0	X	X	0	0	0	0	0	0	0	50	0	0	0	0	0	X	85	G	0	20	0	1	35	40	SND	SND	40	10	2B	2B	X			
104	Cimarron River, East	22990	360	0.1	0.1	0.1	30	50	60	10	30	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	30	0	0	0	0	0	X	80	G	0	0	0	0	30	45	SND	SND	40	10	2B	2B	X			
104	Cimarron River, East	22990	380	0.1	0.1	0.1	20	40	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	30	0	0	0	0	0	X	85	G	0	0	0	0	35	40	SND	SND	50	10	2B	2B	0			1
104	Cimarron River, East	22990	400	0.1	0.1	0.1	15	40	100	0	0	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	30	0	0	0	0	0	X	85	G	0	0	0	0	35	40	SND	SND	50	10	2B	2B	0			1
104	Cimarron River, West	22988	20	0.3	0.6	0.6	15	20	60	10	10	20	0	0	0	0	0	X	0	0	0	0	0	0	0	0	5	0	30	0	0	X	X	30	M	0	0	0	0	40	30	Si&C	SI&C	3	5	2B	2B	0			3
104	Cimarron River, West	22988	40	0.5	0.5	0.6	12	16	20	0	0	0	0	80	0	0	0	X	0	0	0	0	0	0	0	0	5	2	5	0	0	0	X	35	G	0	0	0	0	40	35	Si&C	SI&C	2	5	2B	2B	0			1
104	Cimarron River, West	22988	60	0.6	0.5	0.3	15	17	30	35	30	0	0	5	0	0	0	X	0	0	0.5	0	2	0	0	0	5	3	0	0	0	0	X	25	G	10	10	1	1	45	35	Si&C	SI&C	0	2	2B	2B	0	10		5
104	Cimarron River, West	22988	80	0.5	0.5	0.3	10	15	0	48	0	0	0	50	0	2	0	X	0	0	0.5	0	0	0	0	0	3	2	0	0	2	0	X	30	G	0	0	0	0	50	45	Si&C	SI&C	2	5	2B	2B	0	5		1
104	Cimarron River, West	22988	100	0.4	1	0.7	12	15	10	20	5	0	0	65	0	0	0	X	0	0	1	0	0	1	5	0	0	5	0	0	0	X	X	25	M	0	0	0	0	85	45	Si&C	SI&C	2	10	2B	2B	0	10		1
104	Cimarron River, West	22988	120	0.5	0.5	0.4	7	15	5	5	30	0	0	60	0	0	0	X	0	0	5	0	0	1	5	0	1	3	3	0	1	X	X	20	G	5	0	2	0	85	40	GRV	SI&C	0	20	2B	2B	0			1
104	Cimarron River, West	22988	140	0.1	0.2	0.1	2	20	0	0	20	65	15	0	0	0	X	0	0	0	0	2	3	0	0	0	1	1	30	5	25	0	X	30	G	2	0	1	0	90	35	Si&C	GRVL	0	25	2B	2B	0			2
104	Cimarron River, West	22988	160	0.8	0.9	0.7	10	12	20	35	30	0	0	15	0	0	0	X	0	0	5	0	2	3	0	0	0	5	0	0	10	0	X	40	G	0	0	0	0	65	40	Si&C	SND	0	25	2B	2B	0	5		3
104	Cimarron River, West	22988	180	1	0.9	0.6	12	14	2	48	5	5	5	35	0	0	0	X	0	0	3	0.5	1	0	0	0	0.5	2	2	0	5	0	X	65	G	0	0	0	0	75	45	Si&C	SND	2	15	2B	2B	X			

OCC Task	SiteName	SAMPLEID	Distance	DepthLqt	DepthCnt	DepthRqt	WidthWater	WidthBank	%SubSilica	%SubSand	%SubGravl	%SubCobl	%SubBold	%SubBdrk	%SubPom	%SubHrdpc	RiffleHabitat	PoolHabitat	RunHabitat	DryHabitat	CoverUndrcb	CoverLrgWdDeb	CoverSmWdDeb	CoverRoots	CoverBdrkLedge	CoverSubAqVeg	CoverEmergAqVeg	CoverTerVeg	CoverCobBold	Emb	Canopy	PointBar	ScouringDeposit	BankVegCov	DomVeg	PercErodeLeft	PercErodeRight	ErodeHtLeft	ErodeHtRight	LeftSlope	RightSlope	LeftSub	RightSub	LULeftWidth	LURightWidth	LULeftCond	LURightCond	ExcludedCattle	PercTrampl	NumbCowpie	NumCowTrails
104	Cimarron River, West	22988	200	0.9	0.6	4	9	12	10	80	0	0	0	10	0	0	0	X	0	0	2	0	0	0	0	0	1	1	0	0	0	0	X	60	S	0	0	0	0	85	40	Si&C	SND	7	10	2B	2B	0	5		1
104	Cimarron River, West	22988	220	0.5	0.5	0.5	15	17	0	5	0	0	0	95	0	0	0	X	0	0	0	0	0	0	3	0.5	0	0.5	5	0	1	0	X	80	M	0	0	0	0	70	40	Si&C	SI&C	10	10	2B	2B	0			3
104	Cimarron River, West	22988	240	1	0.8	0.6	15	16	2	80	0	0	0	18	0	0	0	X	0	0	3	0	0	0	0	0	0	2	0	0	0	0	X	85	G	0	0	0	0	80	60	Si&C	SI&C	15	25	2B	2B	X			
104	Cimarron River, West	22988	260	0.5	0.6	0.8	20	22	5	92	3	0	0	0	0	0	0	X	0	0	4	0	1	0	0	0	0	3	0	0	1	0	X	90	M	0	0	0	0	75	60	Si&C	SI&C	15	20	2B	2B	X			
104	Cimarron River, West	22988	280	0.9	0.8	0.7	20	22	5	92	2	0	1	0	0	0	0	X	0	0	3	0.5	0	0	0	0	2	3	0	0	0	0	X	70	G	0	0	0	0	70	65	Si&C	SI&C	10	15	2B	2B	X			
104	Cimarron River, West	22988	300	0.3	0.4	0.3	15	16	5	5	0	0	0	90	0	0	0	X	0	0	5	0	0	0	0	0	0	3	0	0	0	0	X	85	G	0	0	0	0	65	60	Si&C	SI&C	15	15	2B	2B	X			
104	Cimarron River, West	22988	320	0.5	0.6	0.6	10	12	0	5	15	0	0	80	0	0	0	X	0	0	3	0	0	0	1	0.5	0	5	0	0	0	0	X	80	G	0	0	0	0	75	80	Si&C	SI&C	10	20	2B	2B	X			
104	Cimarron River, West	22988	340	0.5	0.5	0.5	12	13	1	14	15	0	0	70	0	0	0	X	0	0	5	0	0	0	2	0	1	5	0	0	0	0	X	80	G	0	0	0	0	80	60	Si&C	SI&C	15	15	2B	2B	0			1
104	Cimarron River, West	22988	360	0.3	0.2	0.2	10	12	1	0	0	0	0	99	0	0	0	X	0	0	3	0	0	1	3	0	0	3	0	0	0	0	X	80	G	0	0	0	0	70	50	Si&C	SI&C	10	15	2B	2B	X			
104	Cimarron River, West	22988	380	0.4	0.5	0.4	10	12	2	3	0	0	0	95	0	0	0	X	0	0	2	0	0.5	0	2	0	1	3	2	0	0	0	X	60	G	0	0	0	0	75	45	Si&C	SI&C	5	15	2B	2B	X			
104	Cimarron River, West	22988	400	0.5	0.6	0.6	12	14	15	50	10	0	0	25	0	0	0	X	0	0	0.5	1	1	0	0.5	0	0	4	1	0	0	0	X	50	M	0	0	0	0	80	50	Si&C	SI&C	10	15	2B	2B	X			
104	North Carrizo Creek	22987	20	0.3	1	1	20	30	10	90	0	0	0	0	0	0	0	X	0	0	0.5	0	0	0	0	0	0	0	3	0	0	0	X	50	G	0	40	0	0.5	35	25	Si&C	SI&C	5	5	2B	2B	0	5		
104	North Carrizo Creek	22987	40	0.5	0.3	0.5	20	22	20	5	35	40	0	0	0	0	0	X	0	0	0.5	0	0	0	0	0	1	0	30	0	0	0	X	40	S	0	70	0	0.75	45	35	Si&C	SI&C	10	3	2B	2B	X			
104	North Carrizo Creek	22987	60	0.8	0.7	0.4	15	22	15	5	30	50	0	0	0	0	0	X	0	0	0.5	0	0	0	0	0	0	0	50	0	0	0	X	60	S	0	50	0	0.5	40	30	Si&C	SI&C	15	5	2B	2B	X			
104	North Carrizo Creek	22987	80	1	0.7	0.4	12	15	15	10	30	45	0	0	0	0	0	X	0	0	0	0	10	0	0	0	0	0	40	0	0	0	X	60	M	0	0	0	0	40	25	Si&C	GRVL	25	5	2B	2B	X			
104	North Carrizo Creek	22987	100	0.6	0.9	0.6	20	35	35	40	5	20	0	0	0	0	0	X	0	0	0	0	5	0	0	0	0	0	10	0	0	0	X	45	M	0	0	0	0	45	45	Si&C	SI&C	20	10	2B	2B	X			
104	North Carrizo Creek	22987	120	0.6	0.7	0.7	26	30	20	65	0	15	0	0	0	0	0	X	0	0	0.5	0	0	0	0	0	0.5	1	10	0	0	0	X	65	M	0	0	0	0	45	60	Si&C	SI&C	15	10	2B	2B	X			
104	North Carrizo Creek	22987	140	0.4	1.5	1	35	47	35	65	0	0	0	0	0	0	0	X	0	0	0	1	2	0	0	0	0.5	0.5	0	0	5	0	X	60	G	0	0	0	0	40	75	Si&C	SI&C	5	2	2B	2B	X			
104	North Carrizo Creek	22987	160	0.4	1.5	1.4	30	36	30	70	0	0	0	0	0	0	0	X	0	0	0	0	0.5	0.5	0	0	0	1	0	0	0	0	X	50	G	0	0	0	0	55	45	Si&C	SI&C	5	3	2B	2B	X			
104	North Carrizo Creek	22987	180	1.2	1	0.5	20	25	25	75	0	0	0	0	0	0	0	X	0	0	0.5	0.5	0	0	0	0	0	1	2	0	0	0	X	40	G	35	0	0.75	0	60	30	Si&C	SI&C	5	10	2B	2B	X			
104	North Carrizo Creek	22987	200	0.5	1.5	1.3	20	20	35	65	0	0	0	0	0	0	0	X	0	0	1	0	0	0	0	0	1	1	0	0	0	0	X	65	G	0	0	0	0	50	20	Si&C	SI&C	5	25	2B	2B	X			
104	North Carrizo Creek	22987	220	0.7	0.7	0.6	11	16	40	60	0	0	0	0	0	0	0	X	0	0	1	0.5	0.5	0	0	0	1	1	0	0	0	0	X	60	G	0	0	0	0	55	15	Si&C	SI&C	15	50	2B	2B	X			
104	North Carrizo Creek	22987	240	1.1	1	0.5	10	11	30	65	0	0	5	0	0	0	0	X	0	0	1	0	0	0	0	0	1	1	0	0	0	0	X	55	G	0	0	0	0	75	30	SND	SND	20	50	2B	2B	X			
104	North Carrizo Creek	22987	260	0.8	0.9	0.3	10	13	15	40	0	5	40	0	0	0	0	X	0	0	2	1	1	0	0	0	0.5	1	5	0	0	0	X	60	G	0	0	0	0	80	40	BLD	SND	15	50	2B	2B	X			
104	North Carrizo Creek	22987	280	0.5	0.7	0.5	8	12	20	60	0	0	0	20	0	0	0	X	0	0	0	0	0	0	0	0	5	1	0	0	0	0	X	45	G	0	0	0	0	85	25	BLD	SND	15	50	2B	2B	X			
104	North Carrizo Creek	22987	300	0.6	0.8	0.7	6	11	25	45	10	15	5	0	0	0	0	X	0	0	0	0	0	0	0	0	10	5	5	0	0	0	X	40	G	0	0	0	0	75	25	SND	SND	25	50	2B	2B	X			
104	North Carrizo Creek	22987	320	0.3	0.4	0.3	5	11	25	60	0	15	0	0	0	0	0	X	0	0	0	0	0	0	0	0	15	5	3	0	0	0	X	45	G	0	0	0	0	50	35	SND	SND	50	50	2B	2B	X			
104	North Carrizo Creek	22987	340	0.6	0.6	0.6	6	10	0	75	0	0	25	0	0	0	0	X	0	0	1	0	0	0	0	0	5	1	2	0	0	0	X	40	G	0	0	0	0	45	45	SND	SND	50	50	2B	2B	X			
104	North Carrizo Creek	22987	360	0.6	0.6	0.5	6	6	5	65	10	15	5	0	0	0	0	X	0	0	0	0	0	0	0	0	5	0	2	0	0	0	X	50	G	0	0	0	0	40	30	Si&C	SI&C	50	50	2B	2B	X			
104	North Carrizo Creek	22987	380	0.1	0.1	0.1	3	10	50	35	10	5	0	0	0	0	X	X	X	0	0	0	0	0	0	0	3	2	0	0	0	0	X	40	G	0	0	0	0	45	30	SND	SND	50	50	2B	2B	X			
104	North Carrizo Creek	22987	400	0.2	0.2	0.2	1	14	60	5	35	0	0	0	0	0	0	X	0	0	0	0	0	0	0	0	3.5	5	0	0	20	0	X	50	G	0	0	0	0	30	25	Si&C	SND	50	50	2B	2B	X			

OCC Task	Site	County	Date	SampleID	Instream cover (% mix of stable habitat)	Pool Bottom Substrate (% silt, clay, bedrock and relative homogeneity)	Pool Variability (% pools >= .5 m)	Canopy Coverage (% shading, optimal ranges)	% Rocky Runs and Riffles	Flow at representative low flow (cfs)	Channel Alteration (% recent deposition, new point bars and islands)	Channel Sinuosity	Bank Stability Index ((avg. water width)/(avg bank slope*avg eroded bank ht.*% stream with eroded banks))	Bank Vegetative Stability (% stable, vegetated banks)	Streamside cover, Type (grass, shrub, tree)	% Coverage of Streamside Cover
090	Roaring Creek	Grady	07/31/00	18972	2.10	97.63	12.50	15.25	0.00	1.04	70.00	1.40	31.90	25.50	G	70.00
090	Laflin Creek	Grady	08/01/00	18982	0.98	100.00	0.00	38.00	0.00	1.29	70.00	1.00	4050000.00	14.00	S	80.00
090	Winter Creek	Grady	07/31/00	18971	2.23	100.00	0.00	0.75	0.00	1.48	75.00	1.20	32.89	22.75	G	65.00
090	Rush Creek	Garvin	06/25/01	23109	5.40	88.33	33.33	3.95	5.00	20.00	15.00	1.10	99.25	25.00	S	100.00
090	Bitter Creek	Grady	07/06/00	18793	2.84	97.86	57.14	16.25	0.00	14.99	50.00	1.10	112.65	15.25	S	95.00
090	Little Washita R., Grady	Grady	08/01/00	18981	1.88	95.00	75.00	4.25	0.00	9.25	80.00	1.00	135.01	14.25	S	90.00
090	Little Washita R., Caddo Co.	Caddo	06/27/01	23118	9.45	71.82	36.36	45.30	35.00	5.62	35.00	1.11	9.92	27.75	S	95.00
090	Washita River # 466	Washita	08/17/01	23907	8.00	93.40	80.00	10.15	0.00	56.41	80.00	1.10	926.36	50.00	G	55.00
090	Willow Creek	Caddo	07/06/00	18795	1.23	100.00	0.00	26.50	0.00	2.08	65.00	1.00	3550000.00	43.50	G	50.00
090	West Mud Creek	Jefferson	06/07/00	19354	12.03	71.82	9.09	48.50	0.00	0.00	25.00	1.40	0.93	26.75	S	95.00
090	Dry Creek	Stephens	06/25/01	23110	4.83	82.27	18.18	55.50	0.00	1.79	60.00	1.16	15.08	33.75	S	70.00
090	Whiskey Creek	Comanche	06/27/00	18792	1.48	100.00	33.33	4.50	0.00	0.97	100.00	1.00	83.81	17.00	S	100.00
090	Cottonwood Creek, Comanche Co.	Comanche	07/05/00	18796	1.08	98.50	0.00	33.75	0.00	1.22	55.00	1.00	506.11	21.75	S	100.00
090	Tahoe Creek	Caddo	07/05/00	18797	5.89	100.00	100.00	26.19	9.52	14.33	42.86	1.20	15372.99	13.81	S	95.24
090	Blue Beaver Creek	Comanche	08/07/00	18986	47.50	47.80	30.00	29.40	5.00	0.20	90.00	1.00	166.83	18.85	S	90.00
090	Brush Creek	Tillman	06/05/00	19353	3.81	92.29	5.88	3.38	0.00	0.00	45.00	1.30	16.94	27.50	G	100.00
090	Stinking Creek	Jackson	06/26/01	23114	3.98	81.50	0.00	10.50	15.00	5.96	15.00	1.00	10.44	26.75	S	95.00
090	Tepee Creek	Kiowa	06/26/01	23117	4.50	84.85	100.00	69.25	0.00	2.61	0.00	1.11	2604.44	36.00	T	100.00
090	West Otter Creek	Kiowa	08/07/00	18987	17.51	71.67	50.00	67.75	0.00	0.00	55.00	1.00	8.14	24.00	S	95.00
090	Little Elk Creek	Kiowa	06/27/01	23119	2.98	94.50	75.00	60.75	0.00	12.35	0.00	1.20	678.43	46.75	T	100.00
090	Turkey Creek	Beckham	07/07/00	19094	18.08	86.81	37.50	31.35	5.00	6.00	55.00	1.00	48.81	14.95	S	85.00
090	Salt Fork of the Red River	Jackson	06/26/01	23112	3.48	66.67	0.00	5.10	0.00	7.72	100.00	1.00	11300000.00	20.75	S	85.00
090	Bitter Creek	Jackson	06/26/01	23113	4.03	90.00	57.14	30.05	0.00	11.64	0.00	1.30	5038.25	15.50	S	100.00
090	Cave Creek	Greer	06/08/00	19367	42.66	58.21	14.29	49.25	30.00	0.43	85.00	1.10	3.61	37.50	S	75.00
090	Deer Creek, Greer Co.	Greer	06/26/01	23116	16.68	75.36	42.86	28.75	15.00	1.79	0.00	1.70	261.00	33.75	G	55.00
090	Fish Creek	Greer	06/09/00	21308	50.83	72.06	47.06	15.75	0.00	0.40	30.00	1.20	17.36	24.25	G	65.00
090	North Elm Creek	Beckham	06/07/00	19366	31.24	66.18	70.59	27.55	10.00	2.63	20.00	1.10	299.79	13.25	S	85.00
090	Crutcho Creek	Oklahoma	08/24/00	21617	40.84	55.25	50.00	30.75	10.00	0.22	65.00	1.00	17.49	29.25	S	60.00
090	Crooked Oak Creek	Oklahoma	08/04/00	18985	30.43	67.06	18.75	74.75	10.00	0.05	90.00	1.20	4.80	23.00	S	95.00
090	Buggy Creek	Caddo	07/06/00	18794	2.58	100.00	0.00	0.00	0.00	5.05	0.00	1.00	5.75	57.75	S	80.00
090	North Walnut Creek	McClain	08/01/00	18983	1.65	95.50	0.00	4.00	0.00	5.67	85.00	1.00	381.83	25.00	G	65.00
090	North Fork Walnut Creek	McClain	08/02/00	18984	12.53	96.18	70.59	3.75	15.00	1.21	45.00	1.30	1663.06	9.75	S	100.00

OCC Task	Site	County	Date	SampleID	Instream cover (% mix of stable habitat)	Pool Bottom Substrate (% silt, clay, bedrock and relative homogeneity)	Pool Variability (% pools >= .5 m)	Canopy Coverage (% shading, optimal ranges)	% Rocky Runs and Riffles	Flow at representative low flow (cfs)	Channel Alteration (% recent deposition, new point bars and islands)	Channel Sinuosity	Bank Stability Index ((avg. water width)/(avg bank slope*avg eroded bank ht.*% stream with eroded banks))	Bank Vegetative Stability (% stable, vegetated banks)	Streamside cover, Type (grass, shrub, tree)	% Coverage of Streamside Cover
104	Washita River # 145	Custer	08/09/00	19099	11.55	84.62	15.38	33.45	0.00	16.48	60.00	1.00	11.26	36.25	S	60.00
104	Beaver Creek	Custer	06/27/01	23120	8.95	86.50	80.00	13.05	25.00	16.91	35.00	1.50	12.26	45.75	G	85.00
104	West Barnitz Creek	Custer	08/08/00	19101	15.85	85.67	6.67	43.40	0.00	0.73	65.00	1.40	10.37	17.75	S	90.00
104	Quartermaster Creek	Custer	08/08/00	19100	18.79	74.00	20.00	43.20	5.00	3.43	30.00	1.20	15.11	16.50	S	65.00
104	Washita River # 384	Roger Mills	06/26/01	23115	2.08	90.00	100.00	62.00	0.00	8.03	50.00	1.10	6100000.00	23.25	S	45.00
104	Shell Creek	Canadian	06/04/00	19352	26.09	64.72	44.44	43.85	0.00	0.61	35.00	1.00	6.25	27.75	S	100.00
104	Bear Creek	Custer	07/05/00	18766	6.06	91.25	0.00	12.40	0.00	3.74	85.00	1.53	26.86	32.75	G	60.00
104	Trail Creek, Dewey Co.	Dewey	06/07/01	23008	5.25	98.80	20.00	10.90	0.00	5.82	95.00	1.13	183.01	32.75	G	90.00
104	Canadian River	Dewey	08/09/00	19115	0.63	100.00	0.00	0.75	0.00	0.47	100.00	1.10	5450000.00	5.25	G	90.00
104	Unnamed Trib. To Canadian River	Dewey	06/07/01	23007	7.85	98.33	0.00	47.55	0.00	4.25	65.00	1.10	15.66	30.25	G	85.00
104	Red Creek	Dewey	08/09/00	19116	13.40	93.50	10.00	23.25	0.00	0.10	65.00	1.20	1375000.00	19.00	S	60.00
104	West Beaver Creek	Logan	06/15/00	21703	21.16	58.06	50.00	16.75	25.00	2.40	35.00	1.20	11.63	37.00	S	60.00
104	Stillwater Creek	Payne	06/14/00	21702	8.71	68.25	30.00	9.15	5.00	0.08	45.00	1.50	36.55	21.75	S	65.00
104	Elm Creek	Blaine	06/22/01	23108	4.70	93.21	21.43	66.50	0.00	0.94	35.00	2.40	272.36	25.75	S	65.00
104	Otter Creek	Logan	07/06/00	21706	32.08	60.00	30.77	15.00	45.00	15.94	45.00	1.30	4.53	53.00	S	65.00
104	Skeleton Creek	Garfield	07/05/00	21705	8.58	76.67	0.00	6.10	10.00	11.17	5.00	1.10	27.76	28.75	G	75.00
104	Cottonwood Creek, Logan Co.	Logan	07/02/01	23192	6.05	82.63	68.42	63.25	0.00	2.08	35.00	1.10	19.13	54.00	S	70.00
104	Chisolm Creek	Logan	07/02/01	23193	7.70	95.00	66.67	12.45	15.00	6.82	35.00	1.10	1105.46	23.50	G	95.00
104	Deer Creek, Logan Co.	Logan	07/03/01	23194	10.88	95.88	100.00	22.25	15.00	22.79	5.00	1.80	11.19	46.75	S	100.00
104	Kingfisher Creek	Kingfisher	06/15/00	19093	20.08	84.85	7.69	8.95	10.00	13.15	100.00	1.00	126.75	15.50	S	95.00
104	Trail Creek, Kingfisher Co.	Kingfisher	06/14/01	23009	4.10	89.17	41.67	48.50	15.00	1.16	25.00	1.50	4.32	47.50	S	95.00
104	Cottonwood Creek, Major Co.	Major	06/21/01	23107	2.03	98.33	0.00	7.55	0.00	7.37	0.00	1.00	134.67	17.25	S	75.00
104	Griever Creek	Major	08/08/00	19114	11.38	92.86	28.57	8.25	20.00	1.03	100.00	1.03	12.09	22.75	G	100.00
104	Traders Creek	Woodward	08/08/00	19113	2.70	100.00	0.00	9.00	0.00	3.40	50.00	1.10	2500000.00	19.25	G	100.00
104	Buffalo Creek, Harper Co.	Harper	08/08/00	19112	1.68	100.00	0.00	3.50	0.00	10.11	95.00	1.10	13727.86	16.75	G	60.00
104	Cimarron River, Harper Co.	Harper	06/06/01	22997	0.50	100.00	0.00	0.00	0.00	39.28	100.00	1.00	356608.20	3.25	G	100.00
104	Spring Creek	Grant	06/23/00	21704	4.41	76.25	0.00	43.25	0.00	0.59	70.00	1.10	7.43	47.50	S	50.00
104	Bois d'Arc Creek	Kay	09/29/98	11860	33.29	83.42	84.21	42.30	0.00	3.33	20.00	1.20	6.56	66.35	S	100.00
104	Turkey Creek	Woods	06/06/01	23003	6.79	55.00	25.00	48.50	15.00	4.08	10.00	1.10	13.14	41.50	S	100.00
104	Yellowstone Creek	Woods	06/20/01	23105	15.85	40.60	0.00	1.30	90.00	9.02	95.00	1.00	19.80	38.50	G	85.00
104	Sandy Creek	Alfalfa	06/21/01	23106	4.76	95.63	37.50	32.50	0.00	31.23	55.00	1.00	288.82	45.00	T	60.00
104	Duck Creek	Kay	06/05/01	22991	11.00	48.64	9.09	67.00	45.00	1.74	10.00	1.10	19.71	35.75	S	100.00

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104	Bitter Creek	Kay	06/05/01	22992	3.48	89.06	100.00	52.50	15.00	7.49	0.00	1.40	29.50	49.25	S	100.00
104	North Canadian River	Woodward	06/25/01	23111	5.45	100.00	0.00	11.95	0.00	133.53	30.00	1.10	9987.26	23.00	S	100.00
104	Persimmon Creek	Woodward	08/07/00	21657	3.48	100.00	0.00	29.25	0.00	5.28	35.00	1.02	5.09	46.25	S	55.00
104	Beaver River	Harper	06/06/01	22998	4.93	100.00	0.00	0.00	0.00	23.91	25.00	1.00	2081.59	46.25	G	100.00
104	Clear Creek, Harper Co.	Harper	06/06/01	23000	10.25	100.00	0.00	0.00	0.00	7.62	0.00	1.10	603797.47	0.50	G	100.00
104	Kiowa Creek, Harper Co.	Harper	06/06/01	22999	3.28	100.00	0.00	15.00	0.00	14.47	35.00	1.00	495.12	26.15	G	55.00
104	Kiowa Creek, Beaver Co.	Beaver	06/05/01	22995	4.33	100.00	66.67	7.00	5.00	6.95	80.00	1.00	1588.74	16.00	G	70.00
104	Clear Creek, Beaver Co.	Beaver	06/05/01	22994	29.95	100.00	81.82	0.00	0.00	2.49	0.00	1.00	10250000.00	0.00	G	100.00
104	Palo Duro Creek	Texas	06/05/01	22993	32.60	51.58	15.79	1.10	0.00	0.25	0.00	1.10	12300000.00	24.50	G	95.00
104	Wolf Creek	Woodward	08/07/00	19111	5.60	100.00	0.00	13.50	0.00	20.26	100.00	1.00	15314.59	8.00	S	90.00
104	Buzzard Creek	Ellis	06/07/01	23006	3.13	100.00	100.00	15.00	0.00	8.74	50.00	1.10	4250000.00	7.50	G	60.00
104	Corrumpa Creek	Cimarron	06/04/01	22989	17.58	100.00	0.00	4.25	0.00	0.37	0.00	1.10	20282.10	37.75	G	60.00
104	Cimarron River, East	Cimarron	06/04/01	22990	26.23	54.69	37.50	3.00	35.00	11.54	5.00	1.00	119116.81	20.50	G	80.00
104	Cimarron River, West	Cimarron	06/04/01	22988	12.38	90.21	63.16	2.25	5.00	3.46	15.00	1.10	10973.13	44.00	G	70.00
104	North Carrizo Creek	Cimarron	06/04/01	22987	13.58	76.50	80.00	1.25	0.00	0.22	0.00	1.10	4861.48	49.00	G	75.00

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090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	1	6	Lepisosteidae	Lepisosteus oculatus	Spotted gar	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	2	7	Lepisosteidae	Lepisosteus osseus	Longnose gar	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	2	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	3	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	17	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	2	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	96	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	9	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	63	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	5	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	3	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	17	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	1	105	Ictaluridae	Noturus nocturnus	Freckeled madtom	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	1	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	62	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	19	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	2	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	39	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	8	140	Centrarchidae	Micropterus punctulatus	Spotted bass	Interm	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	2	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	1	174	Percidae	Percina sciera	Dusky darter	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Laflin Creek	OK310810-02-0200G	Grady	08/01/00	18982	76	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Laflin Creek	OK310810-02-0200G	Grady	08/01/00	18982	2	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Laflin Creek	OK310810-02-0200G	Grady	08/01/00	18982	13	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	8	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	113	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	52	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	6	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	33	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	37	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	16	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	1	105	Ictaluridae	Noturus nocturnus	Freckeled madtom	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	34	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE

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090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	94	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	14	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	1	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	38	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	25	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	6	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	728	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	31	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	27	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	6	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	15	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	3	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	2	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	2	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	5	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	7	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	3	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	155	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	8	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	7	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	21	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	7	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	1	105	Ictaluridae	Noturus nocturnus	Freckeled madtom	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	3	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	11	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	3	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	19	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	4	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	1	7	Lepisosteidae	Lepisosteus osseus	Longnose gar	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	395	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	7	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	81	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	10	87	Catostomidae	Ictiobus bubalus	Smallmouth buffalo	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	3	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	9	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	1	105	Ictaluridae	Noturus nocturnus	Freckeled madtom	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	2	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	4	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Washita R., Grady Co.	OK310820-02-0010B	Grady	08/01/00	18981	4	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	12	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	253	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	24	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	24	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	79	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	1	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	1	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	2	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	20	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	16	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Little Washita R., Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	1	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Washita River # 466	OK310830-03-0010G	Washita	08/17/01	23907	311	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Washita River # 466	OK310830-03-0010G	Washita	08/17/01	23907	2	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Washita River # 466	OK310830-03-0010G	Washita	08/17/01	23907	97	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Washita River # 466	OK310830-03-0010G	Washita	08/17/01	23907	32	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Washita River # 466	OK310830-03-0010G	Washita	08/17/01	23907	1	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Washita River # 466	OK310830-03-0010G	Washita	08/17/01	23907	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Washita River # 145	OK310830-03-0010P	Custer	08/09/00	19099	871	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Washita River # 145	OK310830-03-0010P	Custer	08/09/00	19099	79	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Washita River # 145	OK310830-03-0010P	Custer	08/09/00	19099	15	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Washita River # 145	OK310830-03-0010P	Custer	08/09/00	19099	1	105	Ictaluridae	Noturus nocturnus	Freckeled madtom	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Washita River # 145	OK310830-03-0010P	Custer	08/09/00	19099	8	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Washita River # 145	OK310830-03-0010P	Custer	08/09/00	19099	5	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Washita River # 145	OK310830-03-0010P	Custer	08/09/00	19099	2	174	Percidae	Percina sciera	Dusky darter	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Washita River # 145	OK310830-03-0010P	Custer	08/09/00	19099	3	179	Sciaenidae	Aplodinotus grunniens	Freshwater drum	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Beaver Creek	OK310830-03-0190G	Custer	06/27/01	23120	412	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Beaver Creek	OK310830-03-0190G	Custer	06/27/01	23120	1	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Beaver Creek	OK310830-03-0190G	Custer	06/27/01	23120	2	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Beaver Creek	OK310830-03-0190G	Custer	06/27/01	23120	46	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Beaver Creek	OK310830-03-0190G	Custer	06/27/01	23120	3	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Beaver Creek	OK310830-03-0190G	Custer	06/27/01	23120	1	140	Centrarchidae	Micropterus punctulatus	Spotted bass	Interm	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Beaver Creek	OK310830-03-0190G	Custer	06/27/01	23120	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Beaver Creek	OK310830-03-0190G	Custer	06/27/01	23120	7	179	Sciaenidae	Aplodinotus grunniens	Freshwater drum	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	West Barnitz Creek	OK310830-03-0230G	Custer	08/08/00	19101	100	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	West Barnitz Creek	OK310830-03-0230G	Custer	08/08/00	19101	3	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	West Barnitz Creek	OK310830-03-0230G	Custer	08/08/00	19101	53	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	West Barnitz Creek	OK310830-03-0230G	Custer	08/08/00	19101	3	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	West Barnitz Creek	OK310830-03-0230G	Custer	08/08/00	19101	1	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	West Barnitz Creek	OK310830-03-0230G	Custer	08/08/00	19101	2	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	West Barnitz Creek	OK310830-03-0230G	Custer	08/08/00	19101	4	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	West Barnitz Creek	OK310830-03-0230G	Custer	08/08/00	19101	1	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Willow Creek	OK310830-06-0030H	Caddo	07/06/00	18795	400	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Willow Creek	OK310830-06-0030H	Caddo	07/06/00	18795	17	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Willow Creek	OK310830-06-0030H	Caddo	07/06/00	18795	1	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Willow Creek	OK310830-06-0030H	Caddo	07/06/00	18795	14	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Willow Creek	OK310830-06-0030H	Caddo	07/06/00	18795	4	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Willow Creek	OK310830-06-0030H	Caddo	07/06/00	18795	23	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Willow Creek	OK310830-06-0030H	Caddo	07/06/00	18795	2	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Quartermaster Creek	OK310840-01-0060G	Custer	08/08/00	19100	4	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Quartermaster Creek	OK310840-01-0060G	Custer	08/08/00	19100	183	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Quartermaster Creek	OK310840-01-0060G	Custer	08/08/00	19100	11	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Quartermaster Creek	OK310840-01-0060G	Custer	08/08/00	19100	25	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Quartermaster Creek	OK310840-01-0060G	Custer	08/08/00	19100	1	179	Sciaenidae	Aplodinotus grunniens	Freshwater drum	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	327	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	7	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	5	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	20	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	11	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	14	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	2	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	3	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	2	162	Percidae	Etheostoma spectabile	Orangethroat darter	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	1	179	Sciaenidae	Aplodinotus grunniens	Freshwater drum	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	West Mud Creek	OK311100-04-0080G	Jefferson	06/07/00	19354	3	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	West Mud Creek	OK311100-04-0080G	Jefferson	06/07/00	19354	2	46	Cyprinidae	Notemigonus crysoleucas	Golden shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	West Mud Creek	OK311100-04-0080G	Jefferson	06/07/00	19354	14	87	Catostomidae	Ictiobus bubalus	Smallmouth buffalo	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Mud Creek	OK311100-04-0080G	Jefferson	06/07/00	19354	3	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	West Mud Creek	OK311100-04-0080G	Jefferson	06/07/00	19354	131	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Mud Creek	OK311100-04-0080G	Jefferson	06/07/00	19354	19	131	Centrarchidae	Lepomis gulosus	Warmouth sunfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	West Mud Creek	OK311100-04-0080G	Jefferson	06/07/00	19354	4	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Mud Creek	OK311100-04-0080G	Jefferson	06/07/00	19354	68	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Mud Creek	OK311100-04-0080G	Jefferson	06/07/00	19354	192	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Dry Creek	OK311200-00-0080G	Stephens	06/25/01	23110	24	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Dry Creek	OK311200-00-0080G	Stephens	06/25/01	23110	3	46	Cyprinidae	Notemigonus crysoleucas	Golden shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Dry Creek	OK311200-00-0080G	Stephens	06/25/01	23110	2	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Dry Creek	OK311200-00-0080G	Stephens	06/25/01	23110	3	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Dry Creek	OK311200-00-0080G	Stephens	06/25/01	23110	8	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Dry Creek	OK311200-00-0080G	Stephens	06/25/01	23110	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Dry Creek	OK311200-00-0080G	Stephens	06/25/01	23110	2	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Dry Creek	OK311200-00-0080G	Stephens	06/25/01	23110	14	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	482	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	61	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	11	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	30	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	2	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	17	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	9	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	57	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	9	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	13	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	2	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Cottonwood Creek, Comanche	OK311210-00-0150G	Comanche	07/05/00	18796	258	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Cottonwood Creek, Comanche	OK311210-00-0150G	Comanche	07/05/00	18796	41	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cottonwood Creek, Comanche	OK311210-00-0150G	Comanche	07/05/00	18796	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cottonwood Creek, Comanche	OK311210-00-0150G	Comanche	07/05/00	18796	7	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Cottonwood Creek, Comanche	OK311210-00-0150G	Comanche	07/05/00	18796	7	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Cottonwood Creek, Comanche	OK311210-00-0150G	Comanche	07/05/00	18796	27	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cottonwood Creek, Comanche	OK311210-00-0150G	Comanche	07/05/00	18796	36	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cottonwood Creek, Comanche	OK311210-00-0150G	Comanche	07/05/00	18796	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cottonwood Creek, Comanche	OK311210-00-0150G	Comanche	07/05/00	18796	3	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cottonwood Creek, Comanche	OK311210-00-0150G	Comanche	07/05/00	18796	20	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Tahoe Creek	OK311300-03-0070G	Caddo	07/05/00	18797	54	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
090	Tahoe Creek	OK311300-03-0070G	Caddo	07/05/00	18797	7	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Tahoe Creek	OK311300-03-0070G	Caddo	07/05/00	18797	1	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Tahoe Creek	OK311300-03-0070G	Caddo	07/05/00	18797	37	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Tahoe Creek	OK311300-03-0070G	Caddo	07/05/00	18797	11	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Tahoe Creek	OK311300-03-0070G	Caddo	07/05/00	18797	17	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Tahoe Creek	OK311300-03-0070G	Caddo	07/05/00	18797	8	140	Centrarchidae	Micropterus punctulatus	Spotted bass	Interm	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Tahoe Creek	OK311300-03-0070G	Caddo	07/05/00	18797	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Tahoe Creek	OK311300-03-0070G	Caddo	07/05/00	18797	27	162	Percidae	Etheostoma spectabile	Orangethroat darter	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	396	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	17	30	Cyprinidae	Cyprinella venusta	Blacktail shiner	Interm	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	244	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	56	72	Cyprinidae	Pimephales notatus	Bluntnose minnow	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	38	93	Catostomidae	Moxostoma erythrurum	Golden redhorse	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	12	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	6	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	64	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	16	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	1	131	Centrarchidae	Lepomis gulosus	Warmouth sunfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	8	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	94	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	5	136	Centrarchidae	Lepomis microlophus	Redear sunfish	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	16	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	56	162	Percidae	Etheostoma spectabile	Orangethroat darter	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	3	167	Percidae	Percina caprodes	Logperch	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Brush Creek	OK311310-03-0050G	Tillman	06/05/00	19353	48	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Brush Creek	OK311310-03-0050G	Tillman	06/05/00	19353	82	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Brush Creek	OK311310-03-0050G	Tillman	06/05/00	19353	17	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Brush Creek	OK311310-03-0050G	Tillman	06/05/00	19353	36	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Brush Creek	OK311310-03-0050G	Tillman	06/05/00	19353	1	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Brush Creek	OK311310-03-0050G	Tillman	06/05/00	19353	12	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Brush Creek	OK311310-03-0050G	Tillman	06/05/00	19353	9	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	495	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	8	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	16	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	16	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	130	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	26	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	1	110	Cyprinodontidae	Cyprinodon rubrofluviatalis	Red River pupfish	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	11	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	2	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	10	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	2	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	1	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Tepee Creek	OK311500-01-0110G	Kiowa	06/26/01	23117	1	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Tepee Creek	OK311500-01-0110G	Kiowa	06/26/01	23117	4	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Tepee Creek	OK311500-01-0110G	Kiowa	06/26/01	23117	1	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Tepee Creek	OK311500-01-0110G	Kiowa	06/26/01	23117	4	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Tepee Creek	OK311500-01-0110G	Kiowa	06/26/01	23117	1	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Tepee Creek	OK311500-01-0110G	Kiowa	06/26/01	23117	2	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Tepee Creek	OK311500-01-0110G	Kiowa	06/26/01	23117	5	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Tepee Creek	OK311500-01-0110G	Kiowa	06/26/01	23117	2	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Tepee Creek	OK311500-01-0110G	Kiowa	06/26/01	23117	2	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	4	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	1	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	17	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	1	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	1	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	2	87	Catostomidae	Ictiobus bubalus	Smallmouth buffalo	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	1	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	116	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	5	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	8	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	29	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	32	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	1	140	Centrarchidae	Micropterus punctulatus	Spotted bass	Interm	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	3	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	1	167	Percidae	Percina caprodes	Logperch	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	1	179	Sciaenidae	Aplodinotus grunniens	Freshwater drum	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	2	14	Clupeidae	Dorosoma petenense	Threadfin shad	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	227	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	3	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	2	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	3	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	11	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	4	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	6	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	1	119	Atherinidae	Labidesthes sicculus	Brook silverside	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	6	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	10	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	18	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Turkey Creek	OK311510-02-0060G	Beckham	07/07/00	19094	752	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Turkey Creek	OK311510-02-0060G	Beckham	07/07/00	19094	135	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Turkey Creek	OK311510-02-0060G	Beckham	07/07/00	19094	7	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
090	Turkey Creek	OK311510-02-0060G	Beckham	07/07/00	19094	93	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Turkey Creek	OK311510-02-0060G	Beckham	07/07/00	19094	3	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Turkey Creek	OK311510-02-0060G	Beckham	07/07/00	19094	1	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Turkey Creek	OK311510-02-0060G	Beckham	07/07/00	19094	1	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Turkey Creek	OK311510-02-0060G	Beckham	07/07/00	19094	19	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Turkey Creek	OK311510-02-0060G	Beckham	07/07/00	19094	7	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	761	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	101	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	1	43	Cyprinidae	Macrhybopsis aestiva	Speckled chub	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	6	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	40	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	1	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	7	110	Cyprinodontidae	Cyprinodon rubrofluviatalis	Red River pupfish	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	52	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	3	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	12	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	6	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Bitter Creek	OK311600-02-0110G	Jackson	06/26/01	23113	1	7	Lepisosteidae	Lepisosteus osseus	Longnose gar	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Bitter Creek	OK311600-02-0110G	Jackson	06/26/01	23113	111	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Bitter Creek	OK311600-02-0110G	Jackson	06/26/01	23113	1	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Bitter Creek	OK311600-02-0110G	Jackson	06/26/01	23113	10	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Bitter Creek	OK311600-02-0110G	Jackson	06/26/01	23113	39	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Bitter Creek	OK311600-02-0110G	Jackson	06/26/01	23113	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Bitter Creek	OK311600-02-0110G	Jackson	06/26/01	23113	2	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	283	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	2	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	6	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	14	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	16	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	165	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	5	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	4	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	2	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	2	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	22	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	5	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	1	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	32	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	296	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	3	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	29	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	9	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	49	72	Cyprinidae	Pimephales notatus	Bluntnose minnow	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	3	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	1	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	2	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	1	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	1	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	8	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	10	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	50	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	3	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	8	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	1	87	Catostomidae	Ictiobus bubalus	Smallmouth buffalo	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	3	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	3	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	3	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	5	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	3	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	13	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	6	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	243	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	1	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	6	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	65	72	Cyprinidae	Pimephales notatus	Bluntnose minnow	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	1	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	5	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	11	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	2	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	9	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	34	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	2	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	41	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	4	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	49	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	17	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	12	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	43	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	11	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	2	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	14	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	80	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	16	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	65	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	08/04/00	18985	103	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	08/04/00	18985	2	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	49	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	3	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	5	46	Cyprinidae	Notemigonus crysoleucas	Golden shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	5	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	14	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	38	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	3	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	8	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	38	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	5	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	112	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	3	46	Cyprinidae	Notemigonus crysoleucas	Golden shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	5	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	8	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	7	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	2	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	1	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	14	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	10	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	22	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	294	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	1	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	201	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	18	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	40	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	1	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	9	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	1	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	1	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	5	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	10	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	20	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	5	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	26	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	9	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	131	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	2	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	21	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	84	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	12	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	1	87	Catostomidae	Ictiobus bubalus	Smallmouth buffalo	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	1	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	3	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	1	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	15	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	25	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	6	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	89	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	7	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Bear Creek	OK520620-01-0120G	Custer	07/05/00	18766	242	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Bear Creek	OK520620-01-0120G	Custer	07/05/00	18766	102	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bear Creek	OK520620-01-0120G	Custer	07/05/00	18766	11	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bear Creek	OK520620-01-0120G	Custer	07/05/00	18766	33	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Bear Creek	OK520620-01-0120G	Custer	07/05/00	18766	3	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Bear Creek	OK520620-01-0120G	Custer	07/05/00	18766	12	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bear Creek	OK520620-01-0120G	Custer	07/05/00	18766	5	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bear Creek	OK520620-01-0120G	Custer	07/05/00	18766	53	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Bear Creek	OK520620-01-0120G	Custer	07/05/00	18766	4	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	757	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	1	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	17	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	55	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	7	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	1	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	2	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	1	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	1	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	293	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	1	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	7	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	284	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	469	57	Cyprinidae	Notropis girardi	Arkansas River shine	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	103	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	13	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	1	72	Cyprinidae	Pimephales notatus	Bluntnose minnow	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	6	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	1	87	Catostomidae	Ictiobus bubalus	Smallmouth buffalo	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	1	110	Cyprinodontidae	Cyprinodon rubrofluviatalis	Red River pupfish	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	5	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	7	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	1	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	7	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	06/07/01	23007	38	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	06/07/01	23007	110	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	06/07/01	23007	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	06/07/01	23007	3	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	06/07/01	23007	1	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	06/07/01	23007	4	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	06/07/01	23007	2	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	06/07/01	23007	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Red Creek	OK520620-03-0110G	Dewey	08/09/00	19116	25	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Red Creek	OK520620-03-0110G	Dewey	08/09/00	19116	2	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Red Creek	OK520620-03-0110G	Dewey	08/09/00	19116	1	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Red Creek	OK520620-03-0110G	Dewey	08/09/00	19116	10	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Red Creek	OK520620-03-0110G	Dewey	08/09/00	19116	7	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Red Creek	OK520620-03-0110G	Dewey	08/09/00	19116	2	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Red Creek	OK520620-03-0110G	Dewey	08/09/00	19116	5	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Red Creek	OK520620-03-0110G	Dewey	08/09/00	19116	5	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	West Beaver Creek	OK620900-03-0260G	Logan	06/15/00	21703	8	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	West Beaver Creek	OK620900-03-0260G	Logan	06/15/00	21703	215	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	West Beaver Creek	OK620900-03-0260G	Logan	06/15/00	21703	33	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	West Beaver Creek	OK620900-03-0260G	Logan	06/15/00	21703	46	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	West Beaver Creek	OK620900-03-0260G	Logan	06/15/00	21703	7	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	West Beaver Creek	OK620900-03-0260G	Logan	06/15/00	21703	1	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	West Beaver Creek	OK620900-03-0260G	Logan	06/15/00	21703	12	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	West Beaver Creek	OK620900-03-0260G	Logan	06/15/00	21703	9	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	West Beaver Creek	OK620900-03-0260G	Logan	06/15/00	21703	3	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	40	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	2	46	Cyprinidae	Notemigonus crysoleucas	Golden shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	2	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	12	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	19	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	2	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	19	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	18	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	4	136	Centrarchidae	Lepomis microlophus	Redear sunfish	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	6	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	2	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	268	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	8	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	150	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	47	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	63	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	10	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	2	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	1	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	3	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	2	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	13	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	7	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	51	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	120	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	1	7	Lepisosteidae	Lepisosteus osseus	Longnose gar	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	8	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	515	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	3	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	1	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	2	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	47	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	33	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	1	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	1	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	4	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	8	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	1	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	3	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	4	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	2	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	241	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	282	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	4	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	269	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	163	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	34	72	Cyprinidae	Pimephales notatus	Bluntnose minnow	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	22	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	1	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	4	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	2	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	1	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	9	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	1	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	4	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	210	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	8	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	3	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	3	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	6	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	44	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	14	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	5	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	10	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	4	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	12	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	17	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	1	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	45	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	517	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	2	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	46	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	1	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	183	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	2	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	3	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	4	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	2	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	5	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	49	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	12	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	2	7	Lepisosteidae	Lepisosteus osseus	Longnose gar	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	1	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	129	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	2	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	4	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	1	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	6	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	78	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	8	87	Catostomidae	Ictiobus bubalus	Smallmouth buffalo	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	6	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	4	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	2	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	2	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	7	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	3	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	1	138	Centrarchidae	Lepomis symmetricus	Bantam sunfish	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	4	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	1	167	Percidae	Percina caprodes	Logperch	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	2	7	Lepisosteidae	Lepisosteus osseus	Longnose gar	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	1273	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	30	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	16	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	138	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	27	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	7	72	Cyprinidae	Pimephales notatus	Bluntnose minnow	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	108	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	6	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	1	87	Catostomidae	Ictiobus bubalus	Smallmouth buffalo	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	16	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	1	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	2	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	9	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	6	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	26	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	5	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	30	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	269	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	3	46	Cyprinidae	Notemigonus crysoleucas	Golden shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	8	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	3	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	1	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	72	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	1	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	1	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	36	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	50	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	2	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	526	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	15	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	1	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	61	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	49	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	50	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	25	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	19	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	1	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	6	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	4	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	1	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	9	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	21	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Griever Creek	OK620920-01-0130K	Major	08/08/00	19114	46	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Griever Creek	OK620920-01-0130K	Major	08/08/00	19114	20	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Griever Creek	OK620920-01-0130K	Major	08/08/00	19114	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Griever Creek	OK620920-01-0130K	Major	08/08/00	19114	7	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Griever Creek	OK620920-01-0130K	Major	08/08/00	19114	21	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Griever Creek	OK620920-01-0130K	Major	08/08/00	19114	5	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	22	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	3	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	42	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	9	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	1	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	4	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	54	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	3	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	1	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	1	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	4	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	12	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	17	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	72	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	9	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	34	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	75	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	1	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	7	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	1	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	22	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	3	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	2	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	8	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	06/06/01	22997	16	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	06/06/01	22997	205	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	06/06/01	22997	1	57	Cyprinidae	Notropis girardi	Arkansas River shine	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	06/06/01	22997	25	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	06/06/01	22997	569	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	06/06/01	22997	2	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	06/06/01	22997	1	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	06/06/01	22997	1	151	Percidae	Etheostoma cragini	Arkansas darter	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	1	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	260	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	1	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	1	46	Cyprinidae	Notemigonus crysoleucas	Golden shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	333	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	132	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	19	72	Cyprinidae	Pimephales notatus	Bluntnose minnow	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	18	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	30	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	5	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	22	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	1	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	25	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	16	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	8	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	161	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	2	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	32	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	15	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	11	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	2	79	Catostomidae	Carpiodes carpio	River carpsucker	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	9	93	Catostomidae	Moxostoma erythrurum	Golden redhorse	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	1	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	24	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	6	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	68	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	24	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	32	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	77	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	2	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	1	162	Percidae	Etheostoma spectabile	Orangethroat darter	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	2	173	Percidae	Percina phoxocephala	Slenderhead darter	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Turkey Creek	OK621010-01-0230G	Woods	06/06/01	23003	1	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Turkey Creek	OK621010-01-0230G	Woods	06/06/01	23003	117	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Turkey Creek	OK621010-01-0230G	Woods	06/06/01	23003	125	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Turkey Creek	OK621010-01-0230G	Woods	06/06/01	23003	17	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Turkey Creek	OK621010-01-0230G	Woods	06/06/01	23003	3	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Turkey Creek	OK621010-01-0230G	Woods	06/06/01	23003	2	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Turkey Creek	OK621010-01-0230G	Woods	06/06/01	23003	11	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Turkey Creek	OK621010-01-0230G	Woods	06/06/01	23003	4	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Yellowstone Creek	OK621010-01-0270G	Woods	06/20/01	23105	22	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Yellowstone Creek	OK621010-01-0270G	Woods	06/20/01	23105	88	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Yellowstone Creek	OK621010-01-0270G	Woods	06/20/01	23105	18	36	Cyprinidae	Hybognathus placitus	Plains minnow	Tol	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Yellowstone Creek	OK621010-01-0270G	Woods	06/20/01	23105	302	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Yellowstone Creek	OK621010-01-0270G	Woods	06/20/01	23105	5	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Yellowstone Creek	OK621010-01-0270G	Woods	06/20/01	23105	39	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Yellowstone Creek	OK621010-01-0270G	Woods	06/20/01	23105	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	2	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	12	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	424	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	35	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	2	46	Cyprinidae	Notemigonus crysoleucas	Golden shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	35	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	4	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	4	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	11	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	50	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	31	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	1	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	4	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	4	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	7	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	136	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	15	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	10	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	1	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	2	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	7	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	4	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	14	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	47	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	2	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	270	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	1	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	2	49	Cyprinidae	Notropis atherinoides	Emerald shiner	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	1	57	Cyprinidae	Notropis girardi	Arkansas River shine	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	4	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	13	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	1	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	1	173	Percidae	Percina phoxocephala	Slenderhead darter	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	151	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	345	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	5	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	1	57	Cyprinidae	Notropis girardi	Arkansas River shine	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	2	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	2	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	5	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	7	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	14	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	6	122	Percichthyidae	Morone chrysops	White bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	3	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	1	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	1	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	1	143	Centrarchidae	Pomoxis nigromaculatus	Black crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	4	179	Sciaenidae	Aplodinotus grunniens	Freshwater drum	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Persimmon Creek	OK720500-01-0150G	Woodward	08/07/00	21657	2	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Persimmon Creek	OK720500-01-0150G	Woodward	08/07/00	21657	2	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Persimmon Creek	OK720500-01-0150G	Woodward	08/07/00	21657	4	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Persimmon Creek	OK720500-01-0150G	Woodward	08/07/00	21657	16	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Persimmon Creek	OK720500-01-0150G	Woodward	08/07/00	21657	14	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Persimmon Creek	OK720500-01-0150G	Woodward	08/07/00	21657	1	107	Ictaluridae	Pylodictis olivaris	Flathead catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Persimmon Creek	OK720500-01-0150G	Woodward	08/07/00	21657	6	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Persimmon Creek	OK720500-01-0150G	Woodward	08/07/00	21657	5	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Persimmon Creek	OK720500-01-0150G	Woodward	08/07/00	21657	2	179	Sciaenidae	Aplodinotus grunniens	Freshwater drum	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	12	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	693	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	1	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	339	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	6	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	11	72	Cyprinidae	Pimephales notatus	Bluntnose minnow	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	1	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	129	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	1	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	1	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	06/06/01	23000	1	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	06/06/01	23000	2	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	06/06/01	23000	2	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	06/06/01	23000	5	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	06/06/01	23000	12	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	06/06/01	23000	12	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	06/06/01	23000	33	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	06/06/01	23000	22	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	06/06/01	22999	229	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	06/06/01	22999	33	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	06/06/01	22999	2	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	06/06/01	22999	9	72	Cyprinidae	Pimephales notatus	Bluntnose minnow	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	06/06/01	22999	1	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	06/06/01	22999	51	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	06/06/01	22999	2	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	06/06/01	22999	1	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	06/05/01	22995	632	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	06/05/01	22995	53	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	06/05/01	22995	25	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	06/05/01	22995	24	72	Cyprinidae	Pimephales notatus	Bluntnose minnow	Interm	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	06/05/01	22995	31	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	06/05/01	22995	19	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	06/05/01	22995	13	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	06/05/01	22994	3	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	06/05/01	22994	1	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	06/05/01	22994	1	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	06/05/01	22994	25	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	06/05/01	22994	39	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	06/05/01	22994	6	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	06/05/01	22994	2	142	Centrarchidae	Pomoxis annularis	White crappie	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Palo Duro Creek	OK720500-02-0500G	Texas	06/05/01	22993	9	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Palo Duro Creek	OK720500-02-0500G	Texas	06/05/01	22993	4	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Palo Duro Creek	OK720500-02-0500G	Texas	06/05/01	22993	1	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Palo Duro Creek	OK720500-02-0500G	Texas	06/05/01	22993	125	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	2	13	Clupeidae	Dorosoma cepedianum	Gizzard shad	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	38	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	27	32	Cyprinidae	Cyprinus carpio	Common carp	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	1	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	24	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	12	99	Ictaluridae	Ictalurus punctatus	Channel catfish	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	4	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	1	119	Atherinidae	Labidesthes sicculus	Brook silverside	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	2	122	Percichthyidae	Morone chrysops	White bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	11	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	41	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	5	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	1	179	Sciaenidae	Aplodinotus grunniens	Freshwater drum	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	124	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	3	46	Cyprinidae	Notemigonus crysoleucas	Golden shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	1	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	3	75	Cyprinidae	Pimephales vigilax	Bullhead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	19	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	8	118	Poeciliidae	Gambusia affinis	Mosquitofish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	1	132	Centrarchidae	Lepomis humilis	Orangespotted sunfis	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	5	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	1	135	Centrarchidae	Lepomis megalotis	Longear sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Number collected	RefNum	Family	Species	VernName	Tolerance (habitat and water combined)	Insectivor	Planktivor	Omnivore	Piscivore	Herbivore	Generalist
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	25	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	06/04/01	22989	5	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	06/04/01	22989	1	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	06/04/01	22989	20	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	06/04/01	22989	36	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	06/04/01	22989	14	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Cimarron River, East	OK720900-00-0010G	Cimarron	06/04/01	22990	3	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Cimarron River, East	OK720900-00-0010G	Cimarron	06/04/01	22990	231	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cimarron River, East	OK720900-00-0010G	Cimarron	06/04/01	22990	8	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cimarron River, East	OK720900-00-0010G	Cimarron	06/04/01	22990	2	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cimarron River, East	OK720900-00-0010G	Cimarron	06/04/01	22990	2	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Cimarron River, East	OK720900-00-0010G	Cimarron	06/04/01	22990	4	117	Fundulidae	Fundulus zebrinus	Plains killifish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cimarron River, East	OK720900-00-0010G	Cimarron	06/04/01	22990	6	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Cimarron River, East	OK720900-00-0010G	Cimarron	06/04/01	22990	7	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cimarron River, East	OK720900-00-0010G	Cimarron	06/04/01	22990	9	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	Cimarron River, West	OK720900-00-0180G	Cimarron	06/04/01	22988	6	23	Cyprinidae	Campostoma anomalum	Central stoneroller	Interm	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
104	Cimarron River, West	OK720900-00-0180G	Cimarron	06/04/01	22988	1069	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cimarron River, West	OK720900-00-0180G	Cimarron	06/04/01	22988	103	68	Cyprinidae	Notropis stramineus	Sand shiner	Interm	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cimarron River, West	OK720900-00-0180G	Cimarron	06/04/01	22988	11	70	Cyprinidae	Phenacobius mirabilis	Suckermouth minnow	Intol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	Cimarron River, West	OK720900-00-0180G	Cimarron	06/04/01	22988	228	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	Cimarron River, West	OK720900-00-0180G	Cimarron	06/04/01	22988	10	96	Ictaluridae	Ameiurus melas	Black bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Cimarron River, West	OK720900-00-0180G	Cimarron	06/04/01	22988	7	97	Ictaluridae	Ameiurus natalis	Yellow bullhead	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	Cimarron River, West	OK720900-00-0180G	Cimarron	06/04/01	22988	22	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	06/04/01	22987	338	28	Cyprinidae	Cyprinella lutrensis	Red shiner	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	06/04/01	22987	1	73	Cyprinidae	Pimephales promelas	Fathead minnow	Tol	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	06/04/01	22987	2	130	Centrarchidae	Lepomis cyanellus	Green sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	06/04/01	22987	52	133	Centrarchidae	Lepomis macrochirus	Bluegill sunfish	Tol	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	06/04/01	22987	3	140	Centrarchidae	Micropterus punctulatus	Spotted bass	Interm	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	06/04/01	22987	2	141	Centrarchidae	Micropterus salmoides	Largemouth bass	Tol	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE

Appendix F. Fish metrics calculated for evaluation of Tasks 90 (Project 500) and 104 (Project 400) intensive sites. (Metrics in double outline were used for final evaluation)

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Total Spp.	Total Ind	Shanon Diversity	No. Spp Centrarchidae	No. Ind Centrarchidae	% Spp Centrarchidae	% Ind Centrarchidae	No. Spp Intol	No. Ind Intolerant	% Spp Intol	% Ind Intol	No. Spp Tol	No. Ind Tol	% Spp Tol	% Ind Tol	No. Spp Sens Benthics	No. Ind Sens Benthics	% Spp Sens Benthics	% Ind Sens Benthics	No. Spp Cyprinidae	No. Ind Cyprinidae	No. Spp Insectvrs Cyprinidae	No. Ind Insectvrs Cyprinidae	Insect. Cyprinidae (% Cyp Spp)	Insect. Cyprinidae (% Cyp Ind)
090	Roaring Creek	OK310810-02-0170G	Grady	07/31/00	18972	21	355	2.19	5	70	24	20	2	10	10	3	15	237	71	67	3	13	14	4	6	190	2	105	33	55
090	Laflin Creek	OK310810-02-0200G	Grady	08/01/00	18982	3	91	0.51	0	0	0	0	0	0	0	0	2	89	67	98	0	0	0	0	2	78	1	2	50	3
090	Winter Creek	OK310810-02-0220G	Grady	07/31/00	18971	15	473	2.22	5	79	33	17	2	7	13	1	11	406	73	86	2	14	13	3	5	212	2	58	40	27
090	Rush Creek	OK310810-05-0010H	Garvin	06/25/01	23109	11	832	0.61	4	16	36	2	1	27	9	3	8	768	73	92	2	33	18	4	5	798	2	58	40	7
090	Bitter Creek	OK310820-01-0030G	Grady	07/06/00	18793	13	243	1.43	4	27	31	11	2	8	15	3	9	224	69	92	2	10	15	4	5	194	2	15	40	8
090	Little Washita River, Grady	OK310820-02-0010B	Grady	08/01/00	18981	11	517	0.85	1	4	9	1	1	1	9	0	9	509	82	98	0	0	0	0	3	483	1	7	33	1
090	Little Washita River, Caddo Co.	OK310820-02-0010F	Caddo	06/27/01	23118	11	433	1.38	4	39	36	9	1	24	9	6	8	373	73	86	2	36	18	8	5	392	2	48	40	12
090	Washita River # 466	OK310830-03-0010G	Washita	08/17/01	23907	6	444	0.82	2	2	33	0	0	0	0	0	6	444	100	100	0	0	0	0	3	410	0	0	0	0
090	Willow Creek	OK310830-06-0030H	Caddo	07/06/00	18795	7	461	0.58	2	25	29	5	0	0	0	0	7	461	100	100	0	0	0	0	2	417	0	0	0	0
090	West Mud Creek	OK311100-04-0080G	Jefferson	06/07/00	19354	9	436	1.40	4	283	44	65	0	0	0	0	9	436	100	100	0	0	0	0	2	5	0	0	0	0
090	Dry Creek	OK311200-00-0080G	Stephens	06/25/01	23110	8	57	1.60	4	25	50	44	1	2	13	4	7	55	88	96	1	2	13	4	3	29	1	2	33	7
090	Whiskey Creek	OK311210-00-0140D	Comanche	06/27/00	18792	11	693	1.19	3	24	27	3	1	11	9	2	9	621	82	90	1	11	9	2	4	584	2	72	50	12
090	Cottonwood Creek, Comanche Co.	OK311210-00-0150G	Comanche	07/05/00	18796	10	401	1.27	3	24	30	6	1	1	10	0	8	359	80	90	1	1	10	0	4	307	2	42	50	14
090	Tahoe Creek	OK311300-03-0070G	Caddo	07/05/00	18797	9	163	1.76	4	37	44	23	0	0	0	0	5	67	56	41	2	81	22	50	2	61	1	7	50	11
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	08/07/00	18986	16	1032	1.90	6	140	38	14	0	0	0	0	8	217	50	21	3	455	19	44	4	713	2	261	50	37
090	Brush Creek	OK311310-03-0050G	Tillman	06/05/00	19353	7	205	1.55	3	22	43	11	0	0	0	0	7	205	100	100	0	0	0	0	2	130	0	0	0	0
090	Stinking Creek	OK311500-01-0050G	Jackson	06/26/01	23114	13	719	1.09	5	16	38	2	1	16	8	2	11	702	85	98	1	16	8	2	5	665	1	16	20	2
090	Tepee Creek	OK311500-01-0110G	Kiowa	06/26/01	23117	9	22	2.03	5	12	56	55	0	0	0	0	9	22	100	100	0	0	0	0	3	6	0	0	0	0
090	West Otter Creek	OK311500-02-0040G	Kiowa	08/07/00	18987	18	225	1.67	7	79	39	35	1	1	6	0	14	221	78	98	3	3	17	1	4	20	1	1	25	5
090	Little Elk Creek	OK311500-03-0040G	Kiowa	06/27/01	23119	13	294	1.03	4	35	31	12	0	0	0	0	10	289	77	98	0	0	0	0	5	246	1	2	20	1
090	Turkey Creek	OK311510-02-0060G	Beckham	07/07/00	19094	9	1018	0.88	3	27	33	3	1	7	11	1	7	876	78	86	1	7	11	1	4	987	2	142	50	14
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	06/26/01	23112	12	991	0.91	2	18	17	2	2	2	17	0	9	982	75	99	2	2	17	0	6	910	3	8	50	1
090	Bitter Creek	OK311600-02-0110G	Jackson	06/26/01	23113	7	165	0.92	2	3	29	2	0	0	0	0	7	165	100	100	0	0	0	0	2	112	0	0	0	0
090	Cave Creek	OK311600-02-0140G	Greer	06/08/00	19367	14	559	1.43	3	38	21	7	1	14	7	3	12	539	86	96	1	14	7	3	6	486	2	20	33	4
090	Deer Creek	OK311800-00-0070C	Greer	06/26/01	23116	13	413	1.08	4	20	31	5	1	9	8	2	11	355	85	86	1	9	8	2	6	389	1	9	17	2
090	Fish Creek	OK311800-00-0130G	Greer	06/09/00	21308	12	99	1.76	4	27	33	27	1	1	8	1	11	98	92	99	1	1	8	1	4	62	1	1	25	2
090	North Elm Creek	OK311800-00-0170G	Beckham	06/07/00	19366	12	380	1.22	4	46	33	12	1	6	8	2	10	309	83	81	1	6	8	2	4	315	1	6	25	2
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	08/24/00	21617	12	354	2.14	3	161	25	45	1	17	8	5	10	288	83	81	1	17	8	5	6	166	2	66	33	40
090	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	08/04/00	18985	2	105	0.09	1	2	50	2	0	0	0	0	2	105	100	100	0	0	0	0	1	103	0	0	0	0
090	Buggy Creek	OK520610-02-0120G	Caddo	07/06/00	18794	12	186	1.47	4	47	33	25	1	1	8	1	10	180	83	97	1	1	8	1	5	129	2	6	40	5
090	North Walnut Creek	OK520610-03-0010G	McClain	08/01/00	18983	15	641	1.53	4	60	27	9	1	18	7	3	13	422	87	66	1	18	7	3	5	554	2	219	40	40
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	08/29/00	21331	14	398	1.83	4	127	29	32	1	21	7	5	12	375	86	94	1	21	7	5	4	238	2	23	50	10
104	Washita River # 145	OK310830-03-0010P	Custer	08/09/00	19099	8	984	0.48	1	5	13	1	1	1	13	0	6	981	75	100	1	2	13	0	2	950	0	0	0	0

Appendix F. Fish metrics calculated for evaluation of Tasks 90 (Project 500) and 104 (Project 400) intensive sites. (Metrics in double outline were used for final evaluation)

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Total Spp.	Total Ind	Shanon Diversity	No. Spp Centrarchidae	No. Ind Centrarchidae	% Spp Centrarchidae	% Ind Centrarchidae	No. Spp Intol	No. Ind Intolerant	% Spp Intol	% Ind Intol	No. Spp Tol	No. Ind Tol	% Spp Tol	% Ind Tol	No. Spp Sens Benthics	No. Ind Sens Benthics	% Spp Sens Benthics	% Ind Sens Benthics	No. Spp Cyprinidae	No. Ind Cyprinidae	No. Spp Insectvrs Cyprinidae	No. Ind Insectvrs Cyprinidae	Insect. Cyprinidae (% Cyp Spp)	Insect. Cyprinidae (% Cyp Ind)
104	Beaver Creek	OK310830-03-0190G	Custer	06/27/01	23120	8	473	0.50	2	2	25	0	1	2	13	0	5	469	63	99	1	2	13	0	4	461	2	3	50	1
104	West Barnitz Creek	OK310830-03-0230G	Custer	08/08/00	19101	8	167	1.02	0	0	0	0	1	3	13	2	7	164	88	98	1	3	13	2	3	156	1	3	33	2
104	Quartermaster Creek	OK310840-01-0060G	Custer	08/08/00	19100	5	224	0.65	0	0	0	0	0	0	0	0	5	224	100	100	0	0	0	0	2	194	0	0	0	0
104	Washita River # 384	OK310840-02-0010G	Roger Mills	06/26/01	23115	11	393	0.77	3	19	27	5	1	1	9	0	8	385	73	98	2	3	18	1	5	360	2	6	40	2
104	Shell Creek	OK520530-00-0030G	Canadian	06/04/00	19352	11	169	1.87	6	93	55	55	0	0	0	0	11	169	100	100	0	0	0	0	3	57	0	0	0	0
104	Bear Creek	OK520620-01-0120G	Custer	07/05/00	18766	9	465	1.41	2	57	22	12	1	11	11	2	7	352	78	76	1	11	11	2	4	388	2	113	50	29
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	06/07/01	23008	12	845	0.46	2	2	17	0	1	1	8	0	10	789	83	93	1	1	8	0	6	838	2	56	33	7
104	Canadian River	OK520620-03-0010G	Dewey	08/09/00	19115	15	1199	1.48	2	8	13	1	2	482	13	40	10	612	67	51	1	13	7	1	8	1171	4	869	50	74
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	06/07/01	23007	8	160	0.92	3	7	38	4	1	1	13	1	6	49	75	31	1	1	13	1	3	149	2	111	67	74
104	Red Creek	OK520620-03-0110G	Dewey	08/09/00	19116	8	57	1.66	4	19	50	33	0	0	0	0	7	55	88	96	0	0	0	0	2	27	1	2	50	7
104	West Beaver Creek	OK620900-03-0260G	Logan	06/15/00	21703	9	334	1.23	3	24	33	7	1	33	11	10	7	293	78	88	2	41	22	12	4	302	1	33	25	11
104	Stillwater Creek	OK620900-04-0270G	Payne	06/14/00	21702	10	124	1.90	6	68	60	55	0	0	0	0	9	120	90	97	0	0	0	0	3	44	0	0	0	0
104	Elm Creek	OK620910-02-0270G	Blaine	06/22/01	23108	16	748	1.86	4	179	25	24	1	47	6	6	13	549	81	73	2	49	13	7	7	548	2	197	29	36
104	Otter Creek	OK620910-03-0040G	Logan	07/06/00	21706	16	634	0.83	3	9	19	1	1	47	6	7	13	577	81	91	2	55	13	9	7	609	3	50	43	8
104	Skeleton Creek	OK620910-03-0240E	Garfield	07/05/00	21705	14	1037	1.67	4	15	29	1	1	163	7	16	10	330	71	32	2	404	14	39	7	1015	2	432	29	43
104	Cottonwood Creek, Logan Co.	OK620910-04-0010G	Logan	07/02/01	23192	13	337	1.44	6	49	46	15	1	3	8	1	11	331	85	98	1	3	8	1	6	274	3	14	50	5
104	Chisolm Creek	OK620910-04-0100G	Logan	07/02/01	23193	13	871	1.29	5	72	38	8	1	46	8	5	11	780	85	90	2	91	15	10	6	794	2	48	33	6
104	Deer Creek	OK620910-04-0120B	Logan	07/03/01	23194	19	262	1.58	6	18	32	7	2	7	11	3	16	254	84	97	2	7	11	3	6	220	2	7	33	3
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	06/15/00	19093	17	1673	1.02	3	37	18	2	1	27	6	2	14	1501	82	90	1	27	6	2	7	1599	3	181	43	11
104	Trail Creek	OK620910-05-0020G	Kingfisher	06/14/01	23009	12	476	1.41	4	89	33	19	1	3	8	1	9	435	75	91	2	33	17	7	7	386	2	11	29	3
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	06/21/01	23107	15	789	1.34	4	32	27	4	1	50	7	6	13	690	87	87	1	50	7	6	8	746	3	160	38	21
104	Griever Creek	OK620920-01-0130K	Major	08/08/00	19114	6	100	1.39	3	33	50	33	1	1	17	1	4	79	67	79	1	1	17	1	3	67	2	21	67	31
104	Traders Creek	OK620920-02-0170G	Woodward	08/08/00	19113	13	157	1.82	4	18	31	11	0	0	0	0	11	100	85	64	1	3	8	2	6	113	2	58	33	51
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	08/08/00	19112	13	252	1.87	2	10	15	4	1	1	8	0	11	176	85	70	1	1	8	0	6	192	3	110	50	57
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	06/06/01	22997	8	820	0.82	1	1	13	0	2	2	25	0	5	793	63	97	1	1	13	0	4	247	2	26	50	11
104	Spring Creek	OK621000-02-0130G	Grant	06/23/00	21704	15	872	1.67	3	49	20	6	1	132	7	15	12	388	80	44	1	132	7	15	6	746	2	465	33	62
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	09/29/98	11860	18	470	2.07	5	136	28	29	2	17	11	4	13	411	72	87	3	18	17	4	5	221	2	47	40	21
104	Turkey Creek	OK621010-01-0230G	Woods	06/06/01	23003	8	280	1.19	3	17	38	6	1	17	13	6	5	137	63	49	2	18	25	6	5	263	2	142	40	54
104	Yellowstone Creek	OK621010-01-0270G	Woods	06/20/01	23105	7	475	1.13	1	1	14	0	1	5	14	1	4	146	57	31	2	27	29	6	5	435	2	307	40	71
104	Sandy Creek	OK621010-02-0010G	Alfalfa	06/21/01	23106	14	619	1.26	4	40	29	6	1	4	7	1	11	568	79	92	2	16	14	3	7	516	2	39	29	8
104	Duck Creek	OK621100-00-0030Q	Kay	06/05/01	22991	10	243	1.44	4	72	40	30	1	10	10	4	7	211	70	87	2	17	20	7	5	169	2	25	40	15
104	Bitter Creek	OK621100-00-0100G	Kay	06/05/01	22992	10	296	0.44	3	18	30	6	3	3	30	1	6	291	60	98	3	4	30	1	6	277	3	4	50	1
104	North Canadian River	OK720500-01-0010K	Woodward	06/25/01	23111	15	548	1.08	4	6	27	1	2	3	13	1	13	545	87	99	1	2	7	0	6	360	2	3	33	1

Appendix F. Fish metrics calculated for evaluation of Tasks 90 (Project 500) and 104 (Project 400) intensive sites. (Metrics in double outline were used for final evaluation)

OCC Task	SiteName	WBID	County	Date	SAMPLEID	Total Spp.	Total Ind	Shanon Diversity	No. Spp Centrarchidae	No. Ind Centrarchidae	% Spp Centrarchidae	% Ind Centrarchidae	No. Spp Intol	No. Ind Intolerant	% Spp Intol	% Ind Intol	No. Spp Tol	No. Ind Tol	% Spp Tol	% Ind Tol	No. Spp Sens Benthics	No. Ind Sens Benthics	% Spp Sens Benthics	% Ind Sens Benthics	No. Spp Cyprinidae	No. Ind Cyprinidae	No. Spp Insectvrs Cyprinidae	No. Ind Insectvrs Cyprinidae	Insect. Cyprinidae (% Cyp Spp)	Insect. Cyprinidae (% Cyp Ind)
104	Persimmon Creek	OK720500-01-0150G	Woodward	08/07/00	21657	9	52	1.84	2	11	22	21	1	4	11	8	7	46	78	88	1	4	11	8	3	8	2	6	67	75
104	Beaver River	OK720500-02-0010G	Harper	06/06/01	22998	10	1194	1.05	2	2	20	0	1	6	10	1	7	838	70	70	1	6	10	1	5	1050	2	345	40	33
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	06/06/01	23000	8	89	1.64	4	79	50	89	0	0	0	0	8	89	100	100	0	0	0	0	2	3	0	0	0	0
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	06/06/01	22999	8	328	0.97	1	1	13	0	1	2	13	1	5	284	63	87	1	2	13	1	4	273	2	35	50	13
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	06/05/01	22995	7	797	1.83	2	32	29	4	1	25	14	3	4	695	57	87	1	25	14	3	4	734	2	78	50	11
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	06/05/01	22994	7	77	1.24	4	72	57	94	0	0	0	0	7	77	100	100	0	0	0	0	2	4	0	0	0	0
104	Palo Duro Creek	OK720500-02-0500G	Texas	06/05/01	22993	4	139	0.41	0	0	0	0	0	0	0	0	4	139	100	100	0	0	0	0	2	13	0	0	0	0
104	Wolf Creek	OK720500-03-0010G	Woodward	08/07/00	19111	14	170	2.03	3	57	21	34	1	1	7	1	12	168	86	99	1	1	7	1	4	67	1	1	25	1
104	Buzzard Creek	OK720500-03-0080G	Ellis	06/07/01	23006	10	190	1.22	4	32	40	17	1	1	10	1	9	189	90	99	1	1	10	1	4	131	1	1	25	1
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	06/04/01	22989	5	76	1.25	1	14	20	18	0	0	0	0	4	71	80	93	1	5	20	7	2	6	0	0	0	0
104	Cimarron River, East	OK720900-00-0010G	Cimarron	06/04/01	22990	9	272	0.72	3	22	33	8	1	2	11	1	6	259	67	95	2	5	22	2	4	244	2	10	50	4
104	Cimarron River, West	OK720900-00-0180G	Cimarron	06/04/01	22988	8	1456	0.89	1	22	13	2	1	11	13	1	5	1336	63	92	2	17	25	1	5	1417	2	114	40	8
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	06/04/01	22987	6	398	0.51	4	59	67	15	0	0	0	0	5	395	83	99	0	0	0	0	2	339	0	0	0	0

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Dry	Dry Creek	Stephens	07/20/00	18921	na	na	na	na	na	na	na	na	na	na	na	na
90	Dry	Salt Fork of the Red River	Jackson	07/17/01	18951	na	na	na	na	na	na	na	na	na	na	na	na
90	problem	Cottonwood Creek, Comanche Co.	Comanche	08/01/00	18978	na	na	na	na	na	na	na	na	na	na	na	na
90	problem	Salt Fork of the Red River	Jackson	03/01/00	18448	na	na	na	na	na	na	na	na	na	na	na	na
90	problem	North Elm Creek	Beckham	07/19/01	23263	na	na	na	na	na	na	na	na	na	na	na	na
90	No flow	West Mud Creek	Jefferson	03/01/00	18446	na	na	na	na	na	na	na	na	na	na	na	na
90	No flow	West Mud Creek	Jefferson	07/20/00	18920	na	na	na	na	na	na	na	na	na	na	na	na
90	No flow	West Mud Creek	Jefferson	07/16/01		na	na	na	na	na	na	na	na	na	na	na	na
90	No flow	Brush Creek	Tillman	07/20/00	18922	na	na	na	na	na	na	na	na	na	na	na	na
90	No flow	Brush Creek	Tillman	07/16/01		na	na	na	na	na	na	na	na	na	na	na	na
90	No flow	Tepee Creek	Kiowa	03/13/01	22781	na	na	na	na	na	na	na	na	na	na	na	na
90	No flow	Tepee Creek	Kiowa	07/16/01		na	na	na	na	na	na	na	na	na	na	na	na
90	No flow	West Otter Creek	Kiowa	07/20/00		na	na	na	na	na	na	na	na	na	na	na	na
90	No flow	Little Elk Creek	Kiowa	07/17/01		na	na	na	na	na	na	na	na	na	na	na	na
90	No flow	Crooked Oak Creek	Oklahoma	08/03/00	21688	na	na	na	na	na	na	na	na	na	na	na	na
90	not sampled	Rush Creek	Garvin	02/07/01		na	na	na	na	na	na	na	na	na	na	na	na
90	not sampled	Washita River # 466	Washita	02/14/01		na	na	na	na	na	na	na	na	na	na	na	na
90	not sampled	Tepee Creek	Kiowa	02/08/00		na	na	na	na	na	na	na	na	na	na	na	na
90	not sampled	Little Elk Creek	Kiowa	02/08/00		na	na	na	na	na	na	na	na	na	na	na	na
90	not sampled	Turkey Creek	Beckham	02/08/00		na	na	na	na	na	na	na	na	na	na	na	na
90	not sampled	Deer Creek, Greer Co.	Greer	07/17/01		na	na	na	na	na	na	na	na	na	na	na	na
90	not sampled	Fish Creek	Greer	07/19/01		na	na	na	na	na	na	na	na	na	na	na	na
90	not sampled	Crutcho Creek	Oklahoma	02/08/00		na	na	na	na	na	na	na	na	na	na	na	na
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	30	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	2	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	2	17	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Slavina
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	1	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	61	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	37	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Roaring Creek	Grady	02/08/00	18425	100	3	25	4	28	1	281	NEMATODA				
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	1	63	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Gyretes
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	43	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	15	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	16	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	2	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	12	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Riffle	Roaring Creek	Grady	07/20/00	18915	100	3	25	9	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	1	88.2	ARTHROPODA	Insecta	Diptera	Chaoboridae	Chaoborus
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	70	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	6	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	9	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Riffle	Roaring Creek	Grady	02/07/01	22772	100	3	25	8	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche

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90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	1	11	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	1	23	ARTHROPODA	Acari	Arcarina		
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	53	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	17	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	4	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	9	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	2	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	23	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	9	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	17	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Riffle	Roaring Creek	Grady	07/25/01	23332	100	3	12.5	3	28	1	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	33	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	8	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	16	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	6	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus

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90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	5	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	3	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	10	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Winter Creek	Grady	02/08/00	18427	100	3	100	6	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	11	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	6	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	36	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	7	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	24	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Winter Creek	Grady	07/20/00	18917	100	3	100	9	28	3	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	1	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	4	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	18	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	7	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	27	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	13	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	1	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	23	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	12	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	1	164	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	Petrophila
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	5	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Winter Creek	Grady	07/25/01	23334	100	3	12.5	5	28	2	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	57	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	12	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	26	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Rush Creek	Garvin	02/08/00	18424	100	3	25	8	28	1	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	23	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	24	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	26	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	3	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	15	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	4	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	4	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Riffle	Rush Creek	Garvin	07/25/01	23331	50	3	25	10	28	3	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Riffle	Bitter Creek	Grady	02/03/00	18410	80	3	25	6	28	5	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Bitter Creek	Grady	02/03/00	18410	80	3	25	6	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Bitter Creek	Grady	02/03/00	18410	80	3	25	6	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Bitter Creek	Grady	02/03/00	18410	80	3	25	6	28	76	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Bitter Creek	Grady	02/03/00	18410	80	3	25	6	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Bitter Creek	Grady	02/03/00	18410	80	3	25	6	28	36	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Bitter Creek	Grady	02/03/00	18410	80	3	25	6	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Bitter Creek	Grady	02/03/00	18410	80	3	25	6	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	75	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	6	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	15	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	4	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	9	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	4	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Riffle	Bitter Creek	Grady	07/20/00	18913	100	3	100	9	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Little Washita River, Grady Co.	Grady	02/07/00	18415	100	3	25	8	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Riffle	Little Washita River, Grady Co.	Grady	02/07/00	18415	100	3	25	8	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Little Washita River, Grady Co.	Grady	02/07/00	18415	100	3	25	8	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Riffle	Little Washita River, Grady Co.	Grady	02/07/00	18415	100	3	25	8	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Little Washita River, Grady Co.	Grady	02/07/00	18415	100	3	25	8	28	85	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Little Washita River, Grady Co.	Grady	02/07/00	18415	100	3	25	8	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Little Washita River, Grady Co.	Grady	02/07/00	18415	100	3	25	8	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Little Washita River, Grady Co.	Grady	02/07/00	18415	100	3	25	8	28	17	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Little Washita River, Grady Co.	Grady	02/07/00	18415	100	3	25	8	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Little Washita River, Grady Co.	Grady	02/07/00	18415	100	3	25	8	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	49	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	31	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	15	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	1	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	11	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	1	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Riffle	Little Washita River, Grady Co.	Grady	07/20/00	18914	100	3	25	5	28	2	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	107	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	3	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	42	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	4	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Little Washita River, Grady Co.	Grady	07/26/01	23345	90	3	12.5	3	28	16	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	9	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	7	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	61	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	5	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	29	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	50	4	28	3	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	40	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	3	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	72	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	14	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	2	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/21/00	18928	100	3	12.5	8	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	6	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	6	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	6	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	6	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	6	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	6	28	98	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	6	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	6	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	6	28	12	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	14	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	14	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	29	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	1	109.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Stratiomys
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	6	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	7	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	4	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	23	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	5	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	2	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Riffle	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	75	3	25	6	28	1	281.5	NEMERTEA	Enopla	Hoplonemertea	Tetrastemmatidae	Prostoma
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	3	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	12	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	15	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	2	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	4	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	43	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	10	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	2	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	7	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Willow Creek	Caddo	07/18/01	23260	100	3	25	5	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Riffle	Whiskey Creek	Comanche	02/07/00	18416	75	3	6.25	3	28	1	18.2	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Branchiura
90	Riffle	Whiskey Creek	Comanche	02/07/00	18416	75	3	6.25	3	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Whiskey Creek	Comanche	02/07/00	18416	75	3	6.25	3	28	14	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Whiskey Creek	Comanche	02/07/00	18416	75	3	6.25	3	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Whiskey Creek	Comanche	02/07/00	18416	75	3	6.25	3	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Whiskey Creek	Comanche	02/07/00	18416	75	3	6.25	3	28	67	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Whiskey Creek	Comanche	02/07/00	18416	75	3	6.25	3	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Whiskey Creek	Comanche	02/07/00	18416	75	3	6.25	3	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Whiskey Creek	Comanche	02/07/00	18416	75	3	6.25	3	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Riffle	Whiskey Creek	Comanche	02/07/00	18416	75	3	6.25	3	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	1	18.1	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Aulodrilus
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	2	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	26	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	28	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	1	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	24	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	3	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Riffle	Whiskey Creek	Comanche	07/21/00	18927	100	3	50	7	28	8	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Riffle	Whiskey Creek	Comanche	02/06/01	22768	50	3	50	6	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Whiskey Creek	Comanche	02/06/01	22768	50	3	50	6	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Whiskey Creek	Comanche	02/06/01	22768	50	3	50	6	28	107	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Whiskey Creek	Comanche	02/06/01	22768	50	3	50	6	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Whiskey Creek	Comanche	02/06/01	22768	50	3	50	6	28	10	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Whiskey Creek	Comanche	02/06/01	22768	50	3	50	6	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Riffle	Whiskey Creek	Comanche	02/06/01	22768	50	3	50	6	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Whiskey Creek	Comanche	02/06/01	22768	50	3	50	6	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Whiskey Creek	Comanche	02/06/01	22768	50	3	50	6	28	4	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	1	23	ARTHROPODA	Acari	Arcarina		
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	6	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	67	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	2	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	1	117	ARTHROPODA	Insecta	Diptera	Tipulidae	Hexatoma
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	85	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	1	235.5	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ochrotrichia
90	Riffle	Whiskey Creek	Comanche	07/26/01	23341	25	3	12.5	9	28	2	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	1	29.1	ARTHROPODA	Crustacea	Cladocera		
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	4	88.2	ARTHROPODA	Insecta	Diptera	Chaoboridae	Chaoborus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	18	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	64	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	1	108	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Odontomyia
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	2	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	80	3	100	7	28	3	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	10	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	3	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	3	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	151	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	2	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	2	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	6	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
90	Riffle	Tahoe Creek	Caddo	02/07/00	18414	100	5	25	4	28	36	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	19	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	78	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	4	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	3	117	ARTHROPODA	Insecta	Diptera	Tipulidae	Hexatoma
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	1	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	1	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	10	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	1	192.5	ARTHROPODA	Insecta	Odonata	Libellulidae	Brechmorhoga
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	10	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Tahoe Creek	Caddo	07/21/00	18929	100	3	50	5	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Tahoe Creek	Caddo	02/06/01	22770	100	3	100	5	28	17	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Tahoe Creek	Caddo	02/06/01	22770	100	3	100	5	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
90	Riffle	Tahoe Creek	Caddo	02/06/01	22770	100	3	100	5	28	3	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Riffle	Tahoe Creek	Caddo	02/06/01	22770	100	3	100	5	28	86	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Tahoe Creek	Caddo	02/06/01	22770	100	3	100	5	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Tahoe Creek	Caddo	02/06/01	22770	100	3	100	5	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	Tahoe Creek	Caddo	02/06/01	22770	100	3	100	5	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Tahoe Creek	Caddo	02/06/01	22770	100	3	100	5	28	2	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
90	Riffle	Tahoe Creek	Caddo	02/06/01	22770	100	3	100	5	28	6	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
90	Riffle	Tahoe Creek	Caddo	02/06/01	22770	100	3	100	5	28	3	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	20	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	5	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	2	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	49	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	18	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	6	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	2	225	ARTHROPODA	Insecta	Trichoptera	Helicopsychidae	Helicopsyche
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Tahoe Creek	Caddo	07/26/01	23343	100	3	6.25	13	28	9	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	1	23.4	ARTHROPODA	Acari	Arcarina	Torrenticolidae	Torrenticola
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

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90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	30	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	3	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	3	117	ARTHROPODA	Insecta	Diptera	Tipulidae	Hexatoma
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	1	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	1	210	ARTHROPODA	Insecta	Plecoptera	Perlidae	
90	Riffle	Blue Beaver Creek	Comanche	02/08/00	18430	40	2	100	28	28	1	281.5	NEMERTEA	Enopla	Hoplonemertea	Tetrastemmatidae	Prostoma
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	4	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	2	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	1	23.4	ARTHROPODA	Acari	Arcarina	Torrenticolidae	Torrenticola
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	1	31.1	ARTHROPODA	Crustacea	Decapoda	Cambaridae	Cambarus
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	92	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	20	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	12	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	3	117	ARTHROPODA	Insecta	Diptera	Tipulidae	Hexatoma
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	5	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	13	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	4	28	1	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Riffle	Blue Beaver Creek	Comanche	03/12/01	22749	100	3	100	2	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Riffle	Blue Beaver Creek	Comanche	03/12/01	22749	100	3	100	2	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Blue Beaver Creek	Comanche	03/12/01	22749	100	3	100	2	28	4	91	ARTHROPODA	Insecta	Diptera	Chironomidae	Diamesinae

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90	Riffle	Blue Beaver Creek	Comanche	03/12/01	22749	100	3	100	2	28	123	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Blue Beaver Creek	Comanche	03/12/01	22749	100	3	100	2	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Blue Beaver Creek	Comanche	03/12/01	22749	100	3	100	2	28	1	122.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Acentrella
90	Riffle	Blue Beaver Creek	Comanche	03/12/01	22749	100	3	100	2	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
90	Riffle	Blue Beaver Creek	Comanche	03/12/01	22749	100	3	100	2	28	2	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
90	Riffle	Blue Beaver Creek	Comanche	03/12/01	22749	100	3	100	2	28	2	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	1	11	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	2	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	1	88	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Forcipomyia
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	6	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	1	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	8	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	11	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	23	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	5	164	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	Petrophila
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	6	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	7	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	4	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	20	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
90	Riffle	Blue Beaver Creek	Comanche	07/20/01	23276	100	3	75	24	28	1	281.5	NEMERTEA	Enopla	Hoplonemertea	Tetrastemmatidae	Prostoma
90	Riffle	Stinking Creek	Jackson	02/08/00	18432	50	3	25	3	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Stinking Creek	Jackson	02/08/00	18432	50	3	25	3	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Stinking Creek	Jackson	02/08/00	18432	50	3	25	3	28	106	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Stinking Creek	Jackson	02/08/00	18432	50	3	25	3	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Stinking Creek	Jackson	02/08/00	18432	50	3	25	3	28	8	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Stinking Creek	Jackson	02/08/00	18432	50	3	25	3	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Stinking Creek	Jackson	03/12/01	22751	100	3	25	4	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
90	Riffle	Stinking Creek	Jackson	03/12/01	22751	100	3	25	4	28	5	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Stinking Creek	Jackson	03/12/01	22751	100	3	25	4	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Stinking Creek	Jackson	03/12/01	22751	100	3	25	4	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Stinking Creek	Jackson	03/12/01	22751	100	3	25	4	28	113	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Stinking Creek	Jackson	03/12/01	22751	100	3	25	4	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Stinking Creek	Jackson	03/12/01	22751	100	3	25	4	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Stinking Creek	Jackson	07/20/01	23278	100	3	6.25	2	28	19	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Stinking Creek	Jackson	07/20/01	23278	100	3	6.25	2	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Stinking Creek	Jackson	07/20/01	23278	100	3	6.25	2	28	100	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	West Otter Creek	Kiowa	02/08/00	18431	50	3	100	3	28	10	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	West Otter Creek	Kiowa	02/08/00	18431	50	3	100	3	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	West Otter Creek	Kiowa	02/08/00	18431	50	3	100	3	28	33	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	West Otter Creek	Kiowa	02/08/00	18431	50	3	100	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	West Otter Creek	Kiowa	02/08/00	18431	50	3	100	3	28	91	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	West Otter Creek	Kiowa	02/08/00	18431	50	3	100	3	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	West Otter Creek	Kiowa	02/08/00	18431	50	3	100	3	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Riffle	West Otter Creek	Kiowa	02/08/00	18431	50	3	100	3	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	West Otter Creek	Kiowa	02/08/00	18431	50	3	100	3	28	1	281	NEMATODA				
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	4	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	10	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	7	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	57	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Turkey Creek	Beckham	07/07/00	19094	20	3	100	8	28	4	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	8	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	70	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	28	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	7	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	1	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Riffle	Turkey Creek	Beckham	02/16/01	22693	75	3	25	2	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	31	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	10	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	2	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	7	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	6	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	3	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	21	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	10	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	6	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Riffle	Turkey Creek	Beckham	07/19/01	23262	66	3	25	7	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	8	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	30	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	12	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	6	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	4	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	3	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Riffle	Cave Creek	Greer	03/01/00	18449	65	3	50	4	28	6	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	6	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	5	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	2	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	10	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	15	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	11	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	11	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	17	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis

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90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	120	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	4	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	10	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	1	192.5	ARTHROPODA	Insecta	Odonata	Libellulidae	Brechmorhoga
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	30	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	2	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Cave Creek	Greer	07/20/00	18926	60	3	25	8	28	6	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	5	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	19	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	41	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	10	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	35	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Cave Creek	Greer	03/13/01	22779	15	3	25	4	28	10	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	3	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	47	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	9	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	6	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	21	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	2	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	14	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	2	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Riffle	Cave Creek	Greer	07/20/01	23280	65	3	25	5	28	3	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	2	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	26	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	9	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	3	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	4	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	10	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	2	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	30	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Riffle	Deer Creek, Greer Co.	Greer	07/25/00	18953	50	2	25	9	28	1	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	20	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	4	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus

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90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	1	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	18	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	51	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	4	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Fish Creek	Greer	03/01/00	18451	50	3	100	13	28	1	281	NEMATODA				
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	14	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	5	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	20	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	35	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	9	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	North Elm Creek	Beckham	03/01/00	18452	50	3	100	5	28	9	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	North Elm Creek	Beckham	07/27/00	18961	70	3	25	6	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	North Elm Creek	Beckham	07/27/00	18961	70	3	25	6	28	23	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	North Elm Creek	Beckham	07/27/00	18961	70	3	25	6	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	North Elm Creek	Beckham	07/27/00	18961	70	3	25	6	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	North Elm Creek	Beckham	07/27/00	18961	70	3	25	6	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	North Elm Creek	Beckham	07/27/00	18961	70	3	25	6	28	7	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus

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90	Riffle	North Elm Creek	Beckham	07/27/00	18961	70	3	25	6	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	North Elm Creek	Beckham	07/27/00	18961	70	3	25	6	28	7	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Riffle	North Elm Creek	Beckham	07/27/00	18961	70	3	25	6	28	80	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	45	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	27	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	7	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	4	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	1	137	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	North Elm Creek	Beckham	02/16/01	22694	100	3	50	3	28	6	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
90	Riffle	Crutcho Creek	Oklahoma	02/06/01	22466	50	3	100	28	28	2	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
90	Riffle	Crutcho Creek	Oklahoma	02/06/01	22466	50	3	100	28	28	4	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Crutcho Creek	Oklahoma	02/06/01	22466	50	3	100	28	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Crutcho Creek	Oklahoma	02/06/01	22466	50	3	100	28	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Crutcho Creek	Oklahoma	02/06/01	22466	50	3	100	28	28	6	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Crutcho Creek	Oklahoma	02/06/01	22466	50	3	100	28	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Crutcho Creek	Oklahoma	02/06/01	22466	50	3	100	28	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Crutcho Creek	Oklahoma	02/06/01	22466	50	3	100	28	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Crutcho Creek	Oklahoma	02/06/01	22466	50	3	100	28	28	17	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	2	18.2	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Branchiura
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	23	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	61	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae

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90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	4	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	262	MOLLUSCA	Gastropoda	Basommatophora	Ancylidae	Ferrissia
90	Riffle	Crutcho Creek	Oklahoma	07/16/01	23239	100	3	50	4	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Riffle	Crooked Oak Creek	Oklahoma	02/03/00	18407	100	3	50	11	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Crooked Oak Creek	Oklahoma	02/03/00	18407	100	3	50	11	28	89	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Crooked Oak Creek	Oklahoma	02/03/00	18407	100	3	50	11	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	5	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	5	28	2	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
90	Riffle	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	5	28	40	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	5	28	7	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	5	28	40	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	5	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	5	28	10	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
90	Riffle	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	5	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	5	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	5	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	7	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	29	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	8	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	2	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	8	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	1	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	29	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	5	278	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Pisidium
90	Riffle	Buggy Creek	Caddo	07/18/01	23259	50	3	100	4	28	6	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	5	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	50	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	21	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	1	164	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	Petrophila
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	10	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	3	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Riffle	North Fork Walnut Creek	McClain	02/03/00	18409	30	3	50	7	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	6	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	1	70.5	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Cymbiodyta
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	2	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	3	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	1	84.5	ARTHROPODA	Insecta	Diptera	Anthomyiidae	Limnophora
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	44	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	12	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	4	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	18	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	4	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Riffle	North Fork Walnut Creek	McClain	07/30/01	23348	75	3	50	9	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
90	Veg	Roaring Creek	Grady	02/08/00	18425	100	5	25	6	28	7	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Veg	Roaring Creek	Grady	02/08/00	18425	100	5	25	6	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Roaring Creek	Grady	02/08/00	18425	100	5	25	6	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Roaring Creek	Grady	02/08/00	18425	100	5	25	6	28	62	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Roaring Creek	Grady	02/08/00	18425	100	5	25	6	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Veg	Roaring Creek	Grady	02/08/00	18425	100	5	25	6	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Roaring Creek	Grady	02/08/00	18425	100	5	25	6	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Roaring Creek	Grady	02/08/00	18425	100	5	25	6	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Roaring Creek	Grady	02/08/00	18425	100	5	25	6	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Veg	Roaring Creek	Grady	02/08/00	18425	100	5	25	6	28	6	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Roaring Creek	Grady	07/20/00	18915	100	3	100	7	28	4	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Roaring Creek	Grady	07/20/00	18915	100	3	100	7	28	60	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Roaring Creek	Grady	07/20/00	18915	100	3	100	7	28	15	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Roaring Creek	Grady	07/20/00	18915	100	3	100	7	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Roaring Creek	Grady	07/20/00	18915	100	3	100	7	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Roaring Creek	Grady	07/20/00	18915	100	3	100	7	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Veg	Roaring Creek	Grady	07/20/00	18915	100	3	100	7	28	8	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Roaring Creek	Grady	07/20/00	18915	100	3	100	7	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Roaring Creek	Grady	07/20/00	18915	100	3	100	7	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Roaring Creek	Grady	07/20/00	18915	100	3	100	7	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	6	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	3	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	53	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	16	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	12	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	19	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Roaring Creek	Grady	02/07/01	22772	100	3	100	10	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	2	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	6	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	2	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	31	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	4	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	19	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	2	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	12	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	20	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	6	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Roaring Creek	Grady	07/25/01	23332	100	3	25	6	28	2	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	1	12	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Chaetogaster
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	24	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	24	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	10	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	9	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	3	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Laflin Creek	Grady	02/08/00	18426	100	3	50	15	28	6	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Laflin Creek	Grady	07/20/00	18916	100	5	100	10	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Laflin Creek	Grady	07/20/00	18916	100	5	100	10	28	55	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Laflin Creek	Grady	07/20/00	18916	100	5	100	10	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Laflin Creek	Grady	07/20/00	18916	100	5	100	10	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Laflin Creek	Grady	07/20/00	18916	100	5	100	10	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Laflin Creek	Grady	07/20/00	18916	100	5	100	10	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Laflin Creek	Grady	07/20/00	18916	100	5	100	10	28	7	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Laflin Creek	Grady	07/20/00	18916	100	5	100	10	28	5	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Laflin Creek	Grady	07/20/00	18916	100	5	100	10	28	6	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	7	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	5	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	12	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	3	109.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Stratiomys
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	2	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	1	128.8	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Procloeon
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	10	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	8	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	25	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	8	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	1	195	ARTHROPODA	Insecta	Odonata	Macromiinae	Macromia
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	8	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Veg	Laflin Creek	Grady	07/25/01	23333	100	3	25	8	28	9	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	85	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	12	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	4	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma

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90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Veg	Winter Creek	Grady	02/08/00	18427	100	3	100	4	28	3	281.5	NEMERTEA	Enopla	Hoplonemertea	Tetrastemmatidae	Prostoma
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	4	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	45	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	14	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	4	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	2	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	14	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Winter Creek	Grady	07/20/00	18917	100	5	100	6	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	84	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	23	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Winter Creek	Grady	02/07/01	22774	100	3	100	3	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	4	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche

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90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	5	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	3	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	11	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	55	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	27	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Rush Creek	Garvin	07/20/00	18919	100	5	100	7	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	18.2	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Branchiura
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	50.1	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Hydrovatus
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	3	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	5	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	5	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	47	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	152.8	ARTHROPODA	Insecta	Hemiptera	Cicadellidae	
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	13	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	5	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	4	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Veg	Rush Creek	Garvin	07/25/01	23331	100	3	50	7	28	2	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Bitter Creek	Grady	03/07/01	22743	100	3	50	4	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Veg	Bitter Creek	Grady	03/07/01	22743	100	3	50	4	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Bitter Creek	Grady	03/07/01	22743	100	3	50	4	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	Bitter Creek	Grady	03/07/01	22743	100	3	50	4	28	23	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Bitter Creek	Grady	03/07/01	22743	100	3	50	4	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Bitter Creek	Grady	03/07/01	22743	100	3	50	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Bitter Creek	Grady	03/07/01	22743	100	3	50	4	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Bitter Creek	Grady	03/07/01	22743	100	3	50	4	28	70	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Bitter Creek	Grady	03/07/01	22743	100	3	50	4	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	8	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	2	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	36	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	12	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	2	128.8	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Procloeon
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	30	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	3	152.5	ARTHROPODA	Insecta	Hemiptera	Belostomatidae	
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	6	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	1	155.9	ARTHROPODA	Insecta	Hemiptera	Mesoveliidae	Mesovelia
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	1	158.5	ARTHROPODA	Insecta	Hemiptera	Veliidae	Microvelia
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	6	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Bitter Creek	Grady	07/26/01	23346	100	3	50	4	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	18	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	18	28	2	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	18	28	2	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
90	Veg	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	18	28	108	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	18	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	18	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	18	28	8	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	3	100	18	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	14	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	6	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	4	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	3	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	4	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	13	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	17	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	1	108	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Odontomyia
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	10	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	6	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	8	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	100	3	25	16	28	7	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	3	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	4	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	4	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	3	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	78.6	ARTHROPODA	Insecta	Coleoptera	Noteridae	Pronoterus
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	31	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	21	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	2	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	3	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	4	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Willow Creek	Caddo	02/08/00	18428	100	3	100	12	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	1	88	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Forcipomyia
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	49	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	26	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	7	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	4	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Willow Creek	Caddo	07/27/00	21303	100	3	50	10	28	5	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	4	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	1	29.5	ARTHROPODA	Crustacea	Copepoda		

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90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	2	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	41	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	23	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	4	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Willow Creek	Caddo	02/14/01	22585	100	3	50	4	28	2	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	23	ARTHROPODA	Acari	Arcarina		
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	38	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	9	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	108	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Odontomyia
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	13	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	155.8	ARTHROPODA	Insecta	Hemiptera	Hebridae	Merragata
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	8	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	5	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	192	ARTHROPODA	Insecta	Odonata	Libellulidae	
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	195	ARTHROPODA	Insecta	Odonata	Macromiinae	Macromia
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	5	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	20	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Willow Creek	Caddo	07/18/01	23260	100	3	25	3	28	9	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Veg	West Mud Creek	Jefferson	03/12/01	22745	100	2	50	14	28	1	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
90	Veg	West Mud Creek	Jefferson	03/12/01	22745	100	2	50	14	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Veg	West Mud Creek	Jefferson	03/12/01	22745	100	2	50	14	28	2	29.5	ARTHROPODA	Crustacea	Copepoda		
90	Veg	West Mud Creek	Jefferson	03/12/01	22745	100	2	50	14	28	2	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Veg	West Mud Creek	Jefferson	03/12/01	22745	100	2	50	14	28	1	32.1	ARTHROPODA	Crustacea	Decapoda	Palaemonidae	Palaemonetes
90	Veg	West Mud Creek	Jefferson	03/12/01	22745	100	2	50	14	28	1	83.5	ARTHROPODA	Insecta	Collembola		
90	Veg	West Mud Creek	Jefferson	03/12/01	22745	100	2	50	14	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	West Mud Creek	Jefferson	03/12/01	22745	100	2	50	14	28	92	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	West Mud Creek	Jefferson	03/12/01	22745	100	2	50	14	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	West Mud Creek	Jefferson	03/12/01	22745	100	2	50	14	28	95	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Dry Creek	Stephens	02/08/00	18435	60	3	100	12	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
90	Veg	Dry Creek	Stephens	02/08/00	18435	60	3	100	12	28	4	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Veg	Dry Creek	Stephens	02/08/00	18435	60	3	100	12	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	Dry Creek	Stephens	02/08/00	18435	60	3	100	12	28	51	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Dry Creek	Stephens	02/08/00	18435	60	3	100	12	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Dry Creek	Stephens	02/08/00	18435	60	3	100	12	28	39	95.51	ARTHROPODA	Insecta	Diptera	Culicidae	Culiseta
90	Veg	Dry Creek	Stephens	02/08/00	18435	60	3	100	12	28	3	101.6	ARTHROPODA	Insecta	Diptera	Scathophagidae	
90	Veg	Dry Creek	Stephens	02/08/00	18435	60	3	100	12	28	4	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Dry Creek	Stephens	02/08/00	18435	60	3	100	12	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Veg	Dry Creek	Stephens	02/08/00	18435	60	3	100	12	28	3	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Veg	Dry Creek	Stephens	03/12/01	22746	100	3	25	5	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Dry Creek	Stephens	03/12/01	22746	100	3	25	5	28	31	29.5	ARTHROPODA	Crustacea	Copepoda		

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Dry Creek	Stephens	03/12/01	22746	100	3	25	5	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Veg	Dry Creek	Stephens	03/12/01	22746	100	3	25	5	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Dry Creek	Stephens	03/12/01	22746	100	3	25	5	28	3	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Dry Creek	Stephens	03/12/01	22746	100	3	25	5	28	5	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
90	Veg	Dry Creek	Stephens	03/12/01	22746	100	3	25	5	28	65	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Dry Creek	Stephens	03/12/01	22746	100	3	25	5	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Dry Creek	Stephens	03/12/01	22746	100	3	25	5	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Dry Creek	Stephens	03/12/01	22746	100	3	25	5	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Whiskey Creek	Comanche	02/06/01	22768	100	3	100	19	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Veg	Whiskey Creek	Comanche	02/06/01	22768	100	3	100	19	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Whiskey Creek	Comanche	02/06/01	22768	100	3	100	19	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Whiskey Creek	Comanche	02/06/01	22768	100	3	100	19	28	113	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Whiskey Creek	Comanche	02/06/01	22768	100	3	100	19	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Whiskey Creek	Comanche	02/06/01	22768	100	3	100	19	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Whiskey Creek	Comanche	02/06/01	22768	100	3	100	19	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Whiskey Creek	Comanche	02/06/01	22768	100	3	100	19	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	15	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	2	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	2	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	11	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	70.5	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Cymbiodyta
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	3	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	5	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	128.8	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Procloeon
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	19	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	3	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	3	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	155.9	ARTHROPODA	Insecta	Hemiptera	Mesoveliidae	Mesovelia
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	8	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	3	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	1	192.6	ARTHROPODA	Insecta	Odonata	Libellulidae	Erythemis
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	20	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Whiskey Creek	Comanche	07/26/01	23341	100	3	12.5	10	28	6	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	1	4.1	ANNELIDA	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	18	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	9	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	2	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	12	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	13	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	12	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	1	184.1	ARTHROPODA	Insecta	Odonata	Gomphidae	Arigomphus
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	2	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	33	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	3	25	8	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	2	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	7	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	1	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	3	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	1	91	ARTHROPODA	Insecta	Diptera	Chironomidae	Diamesinae
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	47	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	6	122.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Acentrella
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	14	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	5	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	14	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
90	Veg	Tahoe Creek	Caddo	02/06/01	22770	100	2.25	100	7	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	2	13	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Dero
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	2	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	3	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	2	91	ARTHROPODA	Insecta	Diptera	Chironomidae	Diamesinae
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	21	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	1	112	ARTHROPODA	Insecta	Diptera	Tipulidae	
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	1	119.3	ARTHROPODA	Insecta	Diptera	Tipulidae	Pseudolimnophila
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Veg	Blue Beaver Creek	Comanche	02/08/00	18430	30	3	100	28	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	4	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	1	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	24	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	2	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	21	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	24	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	14	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	1	125	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Centroptilum
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	11	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Veg	Blue Beaver Creek	Comanche	07/20/00	18923	100	3	100	7	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	1	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	5	91	ARTHROPODA	Insecta	Diptera	Chironomidae	Diamesinae
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	83	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	4	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta

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90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	2	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
90	Veg	Blue Beaver Creek	Comanche	03/12/01	22749	50	3	50	4	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Brush Creek	Tillman	03/12/01	22748	65	3	25	3	28	2	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Veg	Brush Creek	Tillman	03/12/01	22748	65	3	25	3	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Brush Creek	Tillman	03/12/01	22748	65	3	25	3	28	120	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Brush Creek	Tillman	03/12/01	22748	65	3	25	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Brush Creek	Tillman	03/12/01	22748	65	3	25	3	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Stinking Creek	Jackson	07/24/00	18935	100	3	100	7	28	83	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Stinking Creek	Jackson	07/24/00	18935	100	3	100	7	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Stinking Creek	Jackson	07/24/00	18935	100	3	100	7	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Stinking Creek	Jackson	07/24/00	18935	100	3	100	7	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Stinking Creek	Jackson	07/24/00	18935	100	3	100	7	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Stinking Creek	Jackson	07/24/00	18935	100	3	100	7	28	1	152.8	ARTHROPODA	Insecta	Hemiptera	Cicadellidae	
90	Veg	Stinking Creek	Jackson	07/24/00	18935	100	3	100	7	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Stinking Creek	Jackson	07/24/00	18935	100	3	100	7	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Stinking Creek	Jackson	03/12/01	22751	65	3	25	4	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Stinking Creek	Jackson	03/12/01	22751	65	3	25	4	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	Stinking Creek	Jackson	03/12/01	22751	65	3	25	4	28	12	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Stinking Creek	Jackson	03/12/01	22751	65	3	25	4	28	99	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Stinking Creek	Jackson	03/12/01	22751	65	3	25	4	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Stinking Creek	Jackson	03/12/01	22751	65	3	25	4	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	2	51	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Laccophilus
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	3	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	45	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	1	117	ARTHROPODA	Insecta	Diptera	Tipulidae	Hexatoma
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	2	152.5	ARTHROPODA	Insecta	Hemiptera	Belostomatidae	
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	1	152.8	ARTHROPODA	Insecta	Hemiptera	Cicadellidae	

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90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	1	155	ARTHROPODA	Insecta	Hemiptera	Gerridae	Rheumatobates
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	1	158.5	ARTHROPODA	Insecta	Hemiptera	Veliidae	Microvelia
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	5	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	20	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	2	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Stinking Creek	Jackson	07/20/01	23278	100	5	100	14	28	1	9999	Insecta	Hemiptera	Gerridae	Gerris	See Comments
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	7	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	17	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	16	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	15	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Tepee Creek	Kiowa	07/25/00	18954	100	3	100	28	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	9	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	2	29.1	ARTHROPODA	Crustacea	Cladocera		
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	8	29.5	ARTHROPODA	Crustacea	Copepoda		
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	1	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	14	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	50	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	1	152.8	ARTHROPODA	Insecta	Hemiptera	Cicadellidae	
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	1	155.9	ARTHROPODA	Insecta	Hemiptera	Mesoveliidae	Mesovelia
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	5	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Little Elk Creek	Kiowa	03/13/01	22782	85	3	50	17	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	25	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	4	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	13	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	13	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	3	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	21	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Veg	Turkey Creek	Beckham	07/07/00	19094	80	3	100	7	28	2	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Turkey Creek	Beckham	02/16/01	22693	80	3	50	2	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Veg	Turkey Creek	Beckham	02/16/01	22693	80	3	50	2	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Veg	Turkey Creek	Beckham	02/16/01	22693	80	3	50	2	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Turkey Creek	Beckham	02/16/01	22693	80	3	50	2	28	99	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Turkey Creek	Beckham	02/16/01	22693	80	3	50	2	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Turkey Creek	Beckham	02/16/01	22693	80	3	50	2	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Turkey Creek	Beckham	02/16/01	22693	80	3	50	2	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Turkey Creek	Beckham	02/16/01	22693	80	3	50	2	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Turkey Creek	Beckham	02/16/01	22693	80	3	50	2	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Veg	Turkey Creek	Beckham	02/16/01	22693	80	3	50	2	28	12	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	2	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	68	ARTHROPODA	Insecta	Coleoptera	Hydraenidae	Octhebius
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	2	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	3	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	2	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	25	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	13	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	137	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	12	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	11	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	4	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	11	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	13	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Turkey Creek	Beckham	07/19/01	23262	100	3	25	10	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Salt Fork of the Red River	Jackson	03/01/00	18448	80	3	na	na	na	na	na	na	na	na	na	na
90	Veg	Salt Fork of the Red River	Jackson	07/25/00	18951	100	3	100	10	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Salt Fork of the Red River	Jackson	07/25/00	18951	100	3	100	10	28	79	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Salt Fork of the Red River	Jackson	07/25/00	18951	100	3	100	10	28	11	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Salt Fork of the Red River	Jackson	07/25/00	18951	100	3	100	10	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Salt Fork of the Red River	Jackson	07/25/00	18951	100	3	100	10	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus

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90	Veg	Salt Fork of the Red River	Jackson	07/25/00	18951	100	3	100	10	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Veg	Salt Fork of the Red River	Jackson	07/25/00	18951	100	3	100	10	28	2	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	2	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	3	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	3	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	7	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	11	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	96	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Salt Fork of the Red River	Jackson	03/13/01	22778	100	3	100	3	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Bitter Creek	Jackson	02/08/00	18433	70	3	100	6	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Bitter Creek	Jackson	02/08/00	18433	70	3	100	6	28	91	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Bitter Creek	Jackson	02/08/00	18433	70	3	100	6	28	6	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Bitter Creek	Jackson	02/08/00	18433	70	3	100	6	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Bitter Creek	Jackson	02/08/00	18433	70	3	100	6	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Bitter Creek	Jackson	02/08/00	18433	70	3	100	6	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Bitter Creek	Jackson	07/20/00	18925	100	3	100	12	28	100	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Bitter Creek	Jackson	07/20/00	18925	100	3	100	12	28	10	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Bitter Creek	Jackson	07/20/00	18925	100	3	100	12	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Bitter Creek	Jackson	07/20/00	18925	100	3	100	12	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Bitter Creek	Jackson	07/20/00	18925	100	3	100	12	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Bitter Creek	Jackson	03/13/01	22777	100	3	25	3	28	16	29.5	ARTHROPODA	Crustacea	Copepoda		
90	Veg	Bitter Creek	Jackson	03/13/01	22777	100	3	25	3	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	Bitter Creek	Jackson	03/13/01	22777	100	3	25	3	28	45	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Bitter Creek	Jackson	03/13/01	22777	100	3	25	3	28	48	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Bitter Creek	Jackson	03/13/01	22777	100	3	25	3	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Bitter Creek	Jackson	03/13/01	22777	100	3	25	3	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Bitter Creek	Jackson	03/13/01	22777	100	3	25	3	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
90	Veg	Bitter Creek	Jackson	03/13/01	22777	100	3	25	3	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Bitter Creek	Jackson	03/13/01	22777	100	3	25	3	28	3	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Bitter Creek	Jackson	03/13/01	22777	100	3	25	3	28	3	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	54	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	2	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	2	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	152.5	ARTHROPODA	Insecta	Hemiptera	Belostomatidae	
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	152.8	ARTHROPODA	Insecta	Hemiptera	Cicadellidae	
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	12	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	9	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	Bitter Creek	Jackson	07/20/01	23279	100	4	100	18	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	7	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	19	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	19	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	8	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	24	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Cave Creek	Greer	07/20/00	18926	100	3	100	10	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	3	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	37	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	3	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	1	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	3	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	1	65.1	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Haliplus
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	3	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	1	66.1	ARTHROPODA	Insecta	Coleoptera	Heteroceridae	
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	7	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	2	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	6	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	1	119.3	ARTHROPODA	Insecta	Diptera	Tipulidae	Pseudolimnophila
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	26	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	1	192.85	ARTHROPODA	Insecta	Odonata	Libellulidae	Miathyria
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	1	195	ARTHROPODA	Insecta	Odonata	Macromiinae	Macromia
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	20	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	4	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Veg	Cave Creek	Greer	03/13/01	22779	90	3	50	5	28	1	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	24	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	44	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	3	101.8	ARTHROPODA	Insecta	Diptera	Sciomyzidae	
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Fish Creek	Greer	03/01/00	18451	90	3	100	11	28	5	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	32	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	1	35.5	ARTHROPODA	Crustacea	Ostracoda		
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	27	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	14	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	7	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Fish Creek	Greer	07/27/00	18960	100	3	100	15	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Fish Creek	Greer	02/16/01	22695	100	3	25	6	28	3	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
90	Veg	Fish Creek	Greer	02/16/01	22695	100	3	25	6	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Fish Creek	Greer	02/16/01	22695	100	3	25	6	28	99	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	4	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	2	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	51	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Laccophilus
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus

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90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	2	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	21	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	2	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	19	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	152.8	ARTHROPODA	Insecta	Hemiptera	Cicadellidae	
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	6	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	9	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	8	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
90	Veg	North Elm Creek	Beckham	03/01/00	18452	60	3	50	8	28	12	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	7	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	11	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	68	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	North Elm Creek	Beckham	07/27/00	18961	70	3	100	9	28	1	235	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ithytrichia
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	1	35.5	ARTHROPODA	Crustacea	Ostracoda		
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia

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90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	11	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	65	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	5	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	1	184.1	ARTHROPODA	Insecta	Odonata	Gomphidae	Arigomphus
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	2	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
90	Veg	North Elm Creek	Beckham	02/16/01	22694	50	3	100	15	28	1	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	12	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	1	35.5	ARTHROPODA	Crustacea	Ostracoda		
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	24	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	12	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	5	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	21	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	28	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	3	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	2	235	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ithytrichia
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	4	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Veg	North Elm Creek	Beckham	07/19/01	23263	100	3	50	3	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	Crutcho Creek	Oklahoma	02/06/01	22466	100	1	100	28	28	1	11	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	
90	Veg	Crutcho Creek	Oklahoma	02/06/01	22466	100	1	100	28	28	13	29.5	ARTHROPODA	Crustacea	Copepoda		
90	Veg	Crutcho Creek	Oklahoma	02/06/01	22466	100	1	100	28	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
90	Veg	Crutcho Creek	Oklahoma	02/06/01	22466	100	1	100	28	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Crutcho Creek	Oklahoma	02/06/01	22466	100	1	100	28	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Crutcho Creek	Oklahoma	02/06/01	22466	100	1	100	28	28	37	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Crutcho Creek	Oklahoma	02/06/01	22466	100	1	100	28	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	2	29.1	ARTHROPODA	Crustacea	Cladocera		
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	2	29.5	ARTHROPODA	Crustacea	Copepoda		
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	3	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	52	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	108	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Odontomyia
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	6	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	128.8	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Procloeon
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	2	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	2	155	ARTHROPODA	Insecta	Hemiptera	Gerridae	Rheumatobates
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	155.9	ARTHROPODA	Insecta	Hemiptera	Mesoveliidae	Mesovelia
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	3	159	ARTHROPODA	Insecta	Hemiptera	Veliidae	Rhagovelia
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	8	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	192.8	ARTHROPODA	Insecta	Odonata	Libellulidae	Libellula
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	7	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Veg	Crutcho Creek	Oklahoma	07/16/01	23239	80	4	25	12	28	1	9999	Insecta	Coleoptera	Dytiscidae	Celina	See Comments
90	Veg	Crooked Oak Creek	Oklahoma	02/06/01	22467	100	2	100	2	28	132	29.5	ARTHROPODA	Crustacea	Copepoda		
90	Veg	Crooked Oak Creek	Oklahoma	02/06/01	22467	100	2	100	2	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

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90	Veg	Crooked Oak Creek	Oklahoma	02/06/01	22467	100	2	100	2	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Veg	Crooked Oak Creek	Oklahoma	02/06/01	22467	100	2	100	2	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	1	33.5	ARTHROPODA	Crustacea	Isopoda		
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	70	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	2	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	9	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	4	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Veg	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	3	25	9	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	7	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	1	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	62	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	11	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	4	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	2	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	3	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Buggy Creek	Caddo	02/08/00	18429	100	3	50	9	28	1	152.51	ARTHROPODA	Insecta	Hemiptera	Belostomatidae	Belostoma
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	3	3.7	ANNELIDA	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	17	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella

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90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	24	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	8	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	19	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	1	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	1	173	ARTHROPODA	Insecta	Odonata	Aeshnidae	Basiaeschna
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	5	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	17	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Buggy Creek	Caddo	07/27/00	21302	100	3	50	7	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	6	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	5	29.5	ARTHROPODA	Crustacea	Copepoda		
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	1	71.5	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Helochares
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	79	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	1	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	5	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
90	Veg	Buggy Creek	Caddo	02/14/01	22584	100	3	50	7	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	35	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	5	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus

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90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	2	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	3	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	1	70.5	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Cymbiodyta
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	2	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	20	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	2	107.8	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Nemotelus
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	1	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	6	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	14	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	5	278	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Pisidium
90	Veg	Buggy Creek	Caddo	07/18/01	23259	100	3	25	9	28	3	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	1	74	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Laccobius
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	58	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	13	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	1	99.65	ARTHROPODA	Insecta	Diptera	Ephydridae	Hydrellia
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	5	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	North Walnut Creek	McClain	02/03/00	18411	100	5	100	10	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	4	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	83	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	1	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	North Walnut Creek	McClain	07/27/00	21304	100	3	100	10	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	6	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	8	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	1	74	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Laccobius
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	28	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	40	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	2	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Veg	North Walnut Creek	McClain	03/07/01	22744	100	3	50	18	28	1	195	ARTHROPODA	Insecta	Odonata	Macromiinae	Macromia
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	7	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	3	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	1	65.1	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Haliplus
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus

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90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	31	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	5	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	8	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	1	128.8	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Procloeon
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	16	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	11	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	2	155.9	ARTHROPODA	Insecta	Hemiptera	Mesoveliidae	Mesovelia
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	8	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	7	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Veg	North Walnut Creek	McClain	07/26/01	23347	100	3	25	9	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	58	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	North Fork Walnut Creek	McClain	03/07/01	22742	100	3	25	7	28	37	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	2	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	5	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	1	67.5	ARTHROPODA	Insecta	Coleoptera	Hydraenidae	Hydraena
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	11	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	1	70.5	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Cymbiodyta
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	17	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	20	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	2	109.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Stratiomys
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	29	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	3	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	11	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	4	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Veg	North Fork Walnut Creek	McClain	07/30/01	23348	100	3	25	9	28	3	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Woody	Roaring Creek	Grady	02/08/00	18425	100	3	100	8	28	1	12	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Chaetogaster
90	Woody	Roaring Creek	Grady	02/08/00	18425	100	3	100	8	28	3	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Woody	Roaring Creek	Grady	02/08/00	18425	100	3	100	8	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Roaring Creek	Grady	02/08/00	18425	100	3	100	8	28	74	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Roaring Creek	Grady	02/08/00	18425	100	3	100	8	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Roaring Creek	Grady	02/08/00	18425	100	3	100	8	28	11	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Roaring Creek	Grady	02/08/00	18425	100	3	100	8	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Roaring Creek	Grady	02/08/00	18425	100	3	100	8	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Roaring Creek	Grady	02/08/00	18425	100	3	100	8	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Roaring Creek	Grady	02/08/00	18425	100	3	100	8	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Roaring Creek	Grady	02/07/01	22772	100	5	100	28	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella

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90	Woody	Roaring Creek	Grady	02/07/01	22772	100	5	100	28	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	Roaring Creek	Grady	02/07/01	22772	100	5	100	28	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Roaring Creek	Grady	02/07/01	22772	100	5	100	28	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Roaring Creek	Grady	02/07/01	22772	100	5	100	28	28	72	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Roaring Creek	Grady	02/07/01	22772	100	5	100	28	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Roaring Creek	Grady	02/07/01	22772	100	5	100	28	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Roaring Creek	Grady	02/07/01	22772	100	5	100	28	28	8	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Roaring Creek	Grady	02/07/01	22772	100	5	100	28	28	12	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Roaring Creek	Grady	02/07/01	22772	100	5	100	28	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	46	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	7	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	20	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	2	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	4	128.8	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Procloeon
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	12	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	20	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	2	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Woody	Roaring Creek	Grady	07/25/01	23332	100	5	25	7	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	29	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	17	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	1	99.65	ARTHROPODA	Insecta	Diptera	Ephydridae	Hydrellia
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	30	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	1	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Laflin Creek	Grady	02/08/00	18426	100	3	100	15	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Laflin Creek	Grady	02/07/01	22773	100	5	50	5	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Laflin Creek	Grady	02/07/01	22773	100	5	50	5	28	84	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Laflin Creek	Grady	02/07/01	22773	100	5	50	5	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Laflin Creek	Grady	02/07/01	22773	100	5	50	5	28	13	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Laflin Creek	Grady	02/07/01	22773	100	5	50	5	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	9	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	38	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	2	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	15	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	1	159	ARTHROPODA	Insecta	Hemiptera	Veliidae	Rhagovelia
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia

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90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	2	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	10	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	7	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Laflin Creek	Grady	07/25/01	23333	100	5	50	10	28	15	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Woody	Winter Creek	Grady	02/07/01	22774	100	5	100	4	28	92	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Winter Creek	Grady	02/07/01	22774	100	5	100	4	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Winter Creek	Grady	02/07/01	22774	100	5	100	4	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Winter Creek	Grady	02/07/01	22774	100	5	100	4	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Winter Creek	Grady	02/07/01	22774	100	5	100	4	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	16	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	2	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	86	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Rush Creek	Garvin	07/25/01	23331	100	5	50	5	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	2	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	1	23.4	ARTHROPODA	Acari	Arcarina	Torrenticolidae	Torrenticola
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	29	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	12	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini

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90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	9	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	15	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	35	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	3	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Bitter Creek	Grady	07/20/00	18913	100	5	100	7	28	6	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	131	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	2	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	13	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	1	128.8	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Procloeon
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	42	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	5	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Bitter Creek	Grady	07/26/01	23346	100	5	25	3	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	Little Washita River, Grady Co.	Grady	02/07/01	22776	100	5	100	28	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Little Washita River, Grady Co.	Grady	02/07/01	22776	100	5	100	28	28	18	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Little Washita River, Grady Co.	Grady	02/07/01	22776	100	5	100	28	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Little Washita River, Grady Co.	Grady	02/07/01	22776	100	5	100	28	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Little Washita River, Grady Co.	Grady	02/07/01	22776	100	5	100	28	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Little Washita River, Grady Co.	Grady	02/07/01	22776	100	5	100	28	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Little Washita River, Grady Co.	Grady	02/07/01	22776	100	5	100	28	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	1	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	

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90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	74	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	2	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	17	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Little Washita River, Caddo Co.	Caddo	02/07/00	18412	100	3	100	12	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	5	100	7	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	5	100	7	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Woody	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	5	100	7	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	5	100	7	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
90	Woody	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	5	100	7	28	109	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	5	100	7	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	5	100	7	28	25	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Little Washita River, Caddo Co.	Caddo	02/06/01	22771	100	5	100	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	36	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	9	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	30	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	Little Washita River, Caddo Co.	Caddo	07/26/01	23344	90	5	50	9	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Washita River # 466	Washita	03/01/00	18453	66	5	12.5	7	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Woody	Washita River # 466	Washita	03/01/00	18453	66	5	12.5	7	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Washita River # 466	Washita	03/01/00	18453	66	5	12.5	7	28	64	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Washita River # 466	Washita	03/01/00	18453	66	5	12.5	7	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Washita River # 466	Washita	03/01/00	18453	66	5	12.5	7	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Washita River # 466	Washita	03/01/00	18453	66	5	12.5	7	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
90	Woody	Washita River # 466	Washita	03/01/00	18453	66	5	12.5	7	28	14	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Washita River # 466	Washita	03/01/00	18453	66	5	12.5	7	28	4	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	7	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	11	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	28	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	2	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	16	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	1	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	3	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	6	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	55	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	1	235.5	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ochrotrichia
90	Woody	Washita River # 466	Washita	08/01/00	18975	100	5	50	8	28	4	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	4	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	1	88	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Forcipomyia
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	29	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	21	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	11	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	23	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Washita River # 466	Washita	07/18/01	23261	100	5	125	5	28	2	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	52	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	12	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	8	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	20	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	9	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Willow Creek	Caddo	07/27/00	21303	50	5	100	13	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	7	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	75	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

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90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	12	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Willow Creek	Caddo	02/14/01	22585	100	5	100	5	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	West Mud Creek	Jefferson	03/12/01	22745	100	4	100	14	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Woody	West Mud Creek	Jefferson	03/12/01	22745	100	4	100	14	28	90	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	West Mud Creek	Jefferson	03/12/01	22745	100	4	100	14	28	124	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	4	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	29	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	7	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	2	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	1	114.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Dactylolabis
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Woody	Dry Creek	Stephens	02/08/00	18435	95	3	100	28	28	30	95.51	ARTHROPODA	Insecta	Diptera	Culicidae	Culiseta
90	Woody	Dry Creek	Stephens	03/12/01	22746	100	5	50	11	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Woody	Dry Creek	Stephens	03/12/01	22746	100	5	50	11	28	1	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
90	Woody	Dry Creek	Stephens	03/12/01	22746	100	5	50	11	28	98	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Dry Creek	Stephens	03/12/01	22746	100	5	50	11	28	8	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	52	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	21	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	20	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	3	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	1	158.5	ARTHROPODA	Insecta	Hemiptera	Veliidae	Microvelia
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	1	192	ARTHROPODA	Insecta	Odonata	Libellulidae	
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	9	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Dry Creek	Stephens	07/19/01	23269	100	4	50	5	28	3	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	Whiskey Creek	Comanche	02/07/00	18416	100	3	12.5	8	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Woody	Whiskey Creek	Comanche	02/07/00	18416	100	3	12.5	8	28	23	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Whiskey Creek	Comanche	02/07/00	18416	100	3	12.5	8	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Whiskey Creek	Comanche	02/07/00	18416	100	3	12.5	8	28	8	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Whiskey Creek	Comanche	02/07/00	18416	100	3	12.5	8	28	66	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Whiskey Creek	Comanche	02/07/00	18416	100	3	12.5	8	28	1	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
90	Woody	Whiskey Creek	Comanche	02/07/00	18416	100	3	12.5	8	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Whiskey Creek	Comanche	02/07/00	18416	100	3	12.5	8	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Whiskey Creek	Comanche	02/07/00	18416	100	3	12.5	8	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	1	18.1	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Aulodrilus
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	6	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	26	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	6	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	19	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	10	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	3	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	3	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	13	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	2	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Woody	Whiskey Creek	Comanche	07/21/00	18927	100	5	100	14	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Whiskey Creek	Comanche	02/06/01	22768	100	5	100	21	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Whiskey Creek	Comanche	02/06/01	22768	100	5	100	21	28	132	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Whiskey Creek	Comanche	02/06/01	22768	100	5	100	21	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Whiskey Creek	Comanche	02/06/01	22768	100	5	100	21	28	4	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Whiskey Creek	Comanche	02/06/01	22768	100	5	100	21	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Whiskey Creek	Comanche	02/06/01	22768	100	5	100	21	28	2	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	19	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	10	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	3	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	56	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Whiskey Creek	Comanche	07/26/01	23341	100	5	25	13	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/07/00	18417	100	3	100	20	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/07/00	18417	100	3	100	20	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/07/00	18417	100	3	100	20	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/07/00	18417	100	3	100	20	28	62	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/07/00	18417	100	3	100	20	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/07/00	18417	100	3	100	20	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/07/00	18417	100	3	100	20	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/07/00	18417	100	3	100	20	28	25	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium

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90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/07/00	18417	100	3	100	20	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/07/00	18417	100	3	100	20	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	08/01/00	18978	100	5	no picking	no picking	no picking	na	na	na	na	na	na	na
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	100	5	100	3	28	1	29.1	ARTHROPODA	Crustacea	Cladocera		
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	100	5	100	3	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	100	5	100	3	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	100	5	100	3	28	2	88.2	ARTHROPODA	Insecta	Diptera	Chaoboridae	Chaoborus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	100	5	100	3	28	13	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	100	5	100	3	28	103	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	100	5	100	3	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	100	5	100	3	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	100	5	100	3	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	02/06/01	22769	100	5	100	3	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	4	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	33.5	ARTHROPODA	Crustacea	Isopoda		
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	2	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	2	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	3	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	34	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	19	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	12	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	128.8	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Procloeon
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	11	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus

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90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	2	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Cottonwood Creek, Comanche Co.	Comanche	07/26/01	23342	100	5	25	8	28	15	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	6	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	4	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	2	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	33	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	26	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	99.65	ARTHROPODA	Insecta	Diptera	Ephydridae	Hydrellia
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	4	117	ARTHROPODA	Insecta	Diptera	Tipulidae	Hexatoma
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	2	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	122.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Acentrella
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	178	ARTHROPODA	Insecta	Odonata	Coenagrionidae	
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	2	210	ARTHROPODA	Insecta	Plecoptera	Perlidae	
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	Blue Beaver Creek	Comanche	02/08/00	18430	60	3	100	13	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	Blue Beaver Creek	Comanche	07/20/00	18923	100	5	100	25	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
90	Woody	Blue Beaver Creek	Comanche	07/20/00	18923	100	5	100	25	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Blue Beaver Creek	Comanche	07/20/00	18923	100	5	100	25	28	58	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Blue Beaver Creek	Comanche	07/20/00	18923	100	5	100	25	28	19	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Blue Beaver Creek	Comanche	07/20/00	18923	100	5	100	25	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Blue Beaver Creek	Comanche	07/20/00	18923	100	5	100	25	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Blue Beaver Creek	Comanche	07/20/00	18923	100	5	100	25	28	5	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
90	Woody	Blue Beaver Creek	Comanche	07/20/00	18923	100	5	100	25	28	5	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Blue Beaver Creek	Comanche	07/20/00	18923	100	5	100	25	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Blue Beaver Creek	Comanche	07/20/00	18923	100	5	100	25	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Brush Creek	Tillman	02/08/00	18434	50	1	100	28	28	6	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Woody	Brush Creek	Tillman	02/08/00	18434	50	1	100	28	28	2	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
90	Woody	Brush Creek	Tillman	02/08/00	18434	50	1	100	28	28	46	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Brush Creek	Tillman	02/08/00	18434	50	1	100	28	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Brush Creek	Tillman	02/08/00	18434	50	1	100	28	28	2	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
90	Woody	Brush Creek	Tillman	02/08/00	18434	50	1	100	28	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Brush Creek	Tillman	02/08/00	18434	50	1	100	28	28	44	95.51	ARTHROPODA	Insecta	Diptera	Culicidae	Culiseta
90	Woody	Stinking Creek	Jackson	02/08/00	18432	80	3	100	3	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Stinking Creek	Jackson	02/08/00	18432	80	3	100	3	28	113	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Stinking Creek	Jackson	02/08/00	18432	80	3	100	3	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Stinking Creek	Jackson	02/08/00	18432	80	3	100	3	28	7	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Stinking Creek	Jackson	03/12/01	22751	100	5	25	2	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Stinking Creek	Jackson	03/12/01	22751	100	5	25	2	28	117	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Tepee Creek	Kiowa	07/25/00	18954	70	5	100	14	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Tepee Creek	Kiowa	07/25/00	18954	70	5	100	14	28	5	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Tepee Creek	Kiowa	07/25/00	18954	70	5	100	14	28	5	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
90	Woody	Tepee Creek	Kiowa	07/25/00	18954	70	5	100	14	28	69	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Tepee Creek	Kiowa	07/25/00	18954	70	5	100	14	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Tepee Creek	Kiowa	07/25/00	18954	70	5	100	14	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Tepee Creek	Kiowa	07/25/00	18954	70	5	100	14	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Tepee Creek	Kiowa	07/25/00	18954	70	5	100	14	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Tepee Creek	Kiowa	07/25/00	18954	70	5	100	14	28	1	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
90	Woody	Tepee Creek	Kiowa	07/25/00	18954	70	5	100	14	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia

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90	Woody	West Otter Creek	Kiowa	02/08/00	18431	90	3	50	5	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	West Otter Creek	Kiowa	02/08/00	18431	90	3	50	5	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	West Otter Creek	Kiowa	02/08/00	18431	90	3	50	5	28	48	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	West Otter Creek	Kiowa	02/08/00	18431	90	3	50	5	28	71	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	West Otter Creek	Kiowa	02/08/00	18431	90	3	50	5	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	West Otter Creek	Kiowa	02/08/00	18431	90	3	50	5	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	5	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	2	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	1	66.1	ARTHROPODA	Insecta	Coleoptera	Heteroceridae	
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	60	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	1	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	1	122.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Acentrella
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	3	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
90	Woody	West Otter Creek	Kiowa	03/12/01	22750	100	5	100	28	28	2	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	2	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	2	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	66	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	13	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	14	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes

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90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	128.8	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Procloeon
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	4	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	3	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Woody	West Otter Creek	Kiowa	07/20/01	23277	100	3.5	100	10	28	2	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Woody	Little Elk Creek	Kiowa	07/25/00	18955	90	5	100	7	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Little Elk Creek	Kiowa	07/25/00	18955	90	5	100	7	28	97	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Little Elk Creek	Kiowa	07/25/00	18955	90	5	100	7	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Little Elk Creek	Kiowa	07/25/00	18955	90	5	100	7	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Little Elk Creek	Kiowa	07/25/00	18955	90	5	100	7	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Little Elk Creek	Kiowa	07/25/00	18955	90	5	100	7	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Little Elk Creek	Kiowa	07/25/00	18955	90	5	100	7	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Little Elk Creek	Kiowa	03/13/01	22782	100	5	25	4	28	1	29.1	ARTHROPODA	Crustacea	Cladocera		
90	Woody	Little Elk Creek	Kiowa	03/13/01	22782	100	5	25	4	28	87	29.5	ARTHROPODA	Crustacea	Copepoda		
90	Woody	Little Elk Creek	Kiowa	03/13/01	22782	100	5	25	4	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	Little Elk Creek	Kiowa	03/13/01	22782	100	5	25	4	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Little Elk Creek	Kiowa	03/13/01	22782	100	5	25	4	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Little Elk Creek	Kiowa	03/13/01	22782	100	5	25	4	28	17	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Little Elk Creek	Kiowa	03/13/01	22782	100	5	25	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Little Elk Creek	Kiowa	03/13/01	22782	100	5	25	4	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Little Elk Creek	Kiowa	03/13/01	22782	100	5	25	4	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Little Elk Creek	Kiowa	03/13/01	22782	100	5	25	4	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	2	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	11	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	25	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

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90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	13	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	11	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	24	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	2	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	Turkey Creek	Beckham	07/07/00	19094	100	5	100	15	28	1	235.5	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ochrotrichia
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	5	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	61	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	8	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	1	137	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Turkey Creek	Beckham	02/16/01	22693	100	5	12.5	3	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	9	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	3	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	2	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	53	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

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90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	5	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	12	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	10	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Turkey Creek	Beckham	07/19/01	23262	100	5	25	5	28	1	235.5	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ochrotrichia
90	Woody	Salt Fork of the Red River	Jackson	03/01/00	18448	90	3	50	9	28	4	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Woody	Salt Fork of the Red River	Jackson	03/01/00	18448	90	3	50	9	28	96	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Salt Fork of the Red River	Jackson	03/01/00	18448	90	3	50	9	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Salt Fork of the Red River	Jackson	03/01/00	18448	90	3	50	9	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	36	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	12	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	19	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	6	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	5	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	5	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	3	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	9	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Salt Fork of the Red River	Jackson	07/25/00	18951	70	5	100	8	28	1	230	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Potamyia
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	1	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	13	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

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90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	74	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	10	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	1	96	ARTHROPODA	Insecta	Diptera	Dolichopodidae	
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	1	107.8	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Nemotelus
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Salt Fork of the Red River	Jackson	03/13/01	22778	100	5	100	20	28	4	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
90	Woody	Bitter Creek	Jackson	02/08/00	18433	70	3	50	5	28	1	29.5	ARTHROPODA	Crustacea	Copepoda		
90	Woody	Bitter Creek	Jackson	02/08/00	18433	70	3	50	5	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Bitter Creek	Jackson	02/08/00	18433	70	3	50	5	28	94	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Bitter Creek	Jackson	02/08/00	18433	70	3	50	5	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Bitter Creek	Jackson	02/08/00	18433	70	3	50	5	28	11	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Bitter Creek	Jackson	02/08/00	18433	70	3	50	5	28	12	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Bitter Creek	Jackson	07/20/00	18925	60	5	100	28	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Bitter Creek	Jackson	07/20/00	18925	60	5	100	28	28	51	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Bitter Creek	Jackson	07/20/00	18925	60	5	100	28	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Bitter Creek	Jackson	07/20/00	18925	60	5	100	28	28	1	99.65	ARTHROPODA	Insecta	Diptera	Ephydridae	Hydrellia
90	Woody	Bitter Creek	Jackson	07/20/00	18925	60	5	100	28	28	13	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Bitter Creek	Jackson	07/20/00	18925	60	5	100	28	28	12	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Bitter Creek	Jackson	03/13/01	22777	100	5	50	7	28	50	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Bitter Creek	Jackson	03/13/01	22777	100	5	50	7	28	44	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Bitter Creek	Jackson	03/13/01	22777	100	5	50	7	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Bitter Creek	Jackson	03/13/01	22777	100	5	50	7	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Bitter Creek	Jackson	03/13/01	22777	100	5	50	7	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Bitter Creek	Jackson	03/13/01	22777	100	5	50	7	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
90	Woody	Bitter Creek	Jackson	07/20/01	23279	100	4.5	50	9	28	1	88	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Forcipomyia
90	Woody	Bitter Creek	Jackson	07/20/01	23279	100	4.5	50	9	28	86	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Bitter Creek	Jackson	07/20/01	23279	100	4.5	50	9	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Bitter Creek	Jackson	07/20/01	23279	100	4.5	50	9	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Bitter Creek	Jackson	07/20/01	23279	100	4.5	50	9	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Bitter Creek	Jackson	07/20/01	23279	100	4.5	50	9	28	2	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia

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90	Woody	Bitter Creek	Jackson	07/20/01	23279	100	4.5	50	9	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Bitter Creek	Jackson	07/20/01	23279	100	4.5	50	9	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Bitter Creek	Jackson	07/20/01	23279	100	4.5	50	9	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	11	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	26	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	17	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	8	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	1	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Woody	Cave Creek	Greer	03/01/00	18449	90	3	50	7	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	74	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	19	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	17	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	2	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Cave Creek	Greer	07/20/00	18926	100	5	50	4	28	5	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	3	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	8	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	64	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	1	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	1	252	ARTHROPODA	Insecta	Trichoptera	Polycentropodidae	Polycentropus
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
90	Woody	Cave Creek	Greer	03/13/01	22779	100	5	25	5	28	10	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	1	49.5	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Copelatus
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	2	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	5	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	19	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	1	91	ARTHROPODA	Insecta	Diptera	Chironomidae	Diamesinae
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	12	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	2	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	8	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	7	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	3	155.8	ARTHROPODA	Insecta	Hemiptera	Hebridae	Merragata
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	8	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	1	195	ARTHROPODA	Insecta	Odonata	Macromiinae	Macromia
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Deer Creek, Greer Co.	Greer	03/01/00	18450	90	3	100	9	28	4	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	18	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	8	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	12	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	11	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	7	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Deer Creek, Greer Co.	Greer	07/25/00	18953	65	5	100	7	28	43	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	12	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	6	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	25	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	11	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	2	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	26	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	24	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	8	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	9	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	13	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	6	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Woody	Deer Creek, Greer Co.	Greer	03/13/01	22780	100	5	25	3	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	5	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	9	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	51	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	2	155.8	ARTHROPODA	Insecta	Hemiptera	Hebridae	Merragata
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	9	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	North Elm Creek	Beckham	03/01/00	18452	65	3	100	9	28	1	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	14	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	18	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
90	Woody	North Elm Creek	Beckham	07/27/00	18961	100	5	100	20	28	48	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Crutcho Creek	Oklahoma	08/03/00	21687	50	5	100	11	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	

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90	Woody	Crutcho Creek	Oklahoma	08/03/00	21687	50	5	100	11	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Crutcho Creek	Oklahoma	08/03/00	21687	50	5	100	11	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
90	Woody	Crutcho Creek	Oklahoma	08/03/00	21687	50	5	100	11	28	55	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Crutcho Creek	Oklahoma	08/03/00	21687	50	5	100	11	28	8	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Crutcho Creek	Oklahoma	08/03/00	21687	50	5	100	11	28	17	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Crutcho Creek	Oklahoma	08/03/00	21687	50	5	100	11	28	9	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Crutcho Creek	Oklahoma	08/03/00	21687	50	5	100	11	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Crutcho Creek	Oklahoma	08/03/00	21687	50	5	100	11	28	4	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
90	Woody	Crutcho Creek	Oklahoma	02/06/01	22466	100	5	100	28	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
90	Woody	Crutcho Creek	Oklahoma	02/06/01	22466	100	5	100	28	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Crutcho Creek	Oklahoma	02/06/01	22466	100	5	100	28	28	10	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Crutcho Creek	Oklahoma	02/06/01	22466	100	5	100	28	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Crooked Oak Creek	Oklahoma	02/06/01	22467	50	3	100	28	28	1	23	ARTHROPODA	Acari	Arcarina		
90	Woody	Crooked Oak Creek	Oklahoma	02/06/01	22467	50	3	100	28	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Crooked Oak Creek	Oklahoma	02/06/01	22467	50	3	100	28	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	92	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	21	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Crooked Oak Creek	Oklahoma	07/16/01	23238	100	5	50	12	28	1	9999	Insecta	Hemiptera	Gerridae	Gerris	See Comments
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	22	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	33	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	11	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	2	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	8	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Buggy Creek	Caddo	07/27/00	21302	100	5	50	8	28	3	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	Buggy Creek	Caddo	02/14/01	22584	100	5	50	5	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
90	Woody	Buggy Creek	Caddo	02/14/01	22584	100	5	50	5	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Buggy Creek	Caddo	02/14/01	22584	100	5	50	5	28	92	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Buggy Creek	Caddo	02/14/01	22584	100	5	50	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Buggy Creek	Caddo	02/14/01	22584	100	5	50	5	28	47	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Buggy Creek	Caddo	02/14/01	22584	100	5	50	5	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Buggy Creek	Caddo	02/14/01	22584	100	5	50	5	28	4	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	1	3.7	ANNELIDA	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	4	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	75	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	5	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	10	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	1	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	22	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	Buggy Creek	Caddo	07/18/01	23259	100	5	100	7	28	4	278	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Pisidium
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	14	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	1	91	ARTHROPODA	Insecta	Diptera	Chironomidae	Diamesinae
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	46	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	16	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	7	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	1	113	ARTHROPODA	Insecta	Diptera	Tipulidae	Antocha
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	North Walnut Creek	McClain	02/03/00	18411	100	3	50	10	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	North Walnut Creek	McClain	07/27/00	21304	70	5	100	13	28	3	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
90	Woody	North Walnut Creek	McClain	07/27/00	21304	70	5	100	13	28	66	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	North Walnut Creek	McClain	07/27/00	21304	70	5	100	13	28	6	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	North Walnut Creek	McClain	07/27/00	21304	70	5	100	13	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	North Walnut Creek	McClain	07/27/00	21304	70	5	100	13	28	14	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	North Walnut Creek	McClain	07/27/00	21304	70	5	100	13	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	North Walnut Creek	McClain	07/27/00	21304	70	5	100	13	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	North Walnut Creek	McClain	07/27/00	21304	70	5	100	13	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	1	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	82	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	6	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	10	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	12	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	15	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	North Walnut Creek	McClain	07/26/01	23347	100	5	25	7	28	7	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
90	Woody	North Fork Walnut Creek	McClain	02/03/00	18409	100	3	100	4	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
90	Woody	North Fork Walnut Creek	McClain	02/03/00	18409	100	3	100	4	28	37	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	North Fork Walnut Creek	McClain	02/03/00	18409	100	3	100	4	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	North Fork Walnut Creek	McClain	02/03/00	18409	100	3	100	4	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	North Fork Walnut Creek	McClain	02/03/00	18409	100	3	100	4	28	84	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
90	Woody	North Fork Walnut Creek	McClain	02/03/00	18409	100	3	100	4	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	North Fork Walnut Creek	McClain	02/03/00	18409	100	3	100	4	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	32	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	17	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	8	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	11	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	5	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	19	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
90	Woody	North Fork Walnut Creek	McClain	07/27/00	21301	100	5	100	15	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	78	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	14	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	1	130.1	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Brachycercus
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	1	158.5	ARTHROPODA	Insecta	Hemiptera	Veliidae	Microvelia

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	1	164	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	Petrophila
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
90	Woody	North Fork Walnut Creek	McClain	07/30/01	23348	100	5	100	8	28	9	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Dry	Cimarron River, Harper Co.	Harper	07/17/01	23233	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Stillwater Creek	Payne	07/16/01	23212	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Elm Creek	Blaine	07/24/01	23323	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Cottonwood Creek, Major Co.	Major	07/24/01	23322	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Spring Creek	Grant	07/23/01	23318	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Turkey Creek	Woods	07/24/01	23320	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Clear Creek, Beaver Co.	Beaver	07/25/00	19079	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Clear Creek, Beaver Co.	Beaver	07/17/01	23229	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Palo Duro Creek	Texas	07/24/00	19078	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Palo Duro Creek	Texas	07/16/01	23228	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Corrumpa Creek	Cimarron	07/24/00	19076	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Corrumpa Creek	Cimarron	02/08/01	22475	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Corrumpa Creek	Cimarron	07/16/01	23226	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Cimarron River, East	Cimarron	07/16/01	23227	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	Cimarron River, West	Cimarron	07/24/00	19074	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	North Carrizo Creek	Cimarron	02/08/01	22474	na	na	na	na	na	na	na	na	na	na	na	na
104	No flow	North Carrizo Creek	Cimarron	07/16/01	23224	na	na	na	na	na	na	na	na	na	na	na	na
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	2	18.3	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Ilyodrilus
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	3	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	21	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	43	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	7	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Washita River # 145	Custer	03/01/00	18456	100	1	6.25	9	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	7	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	27	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	2	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	8	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	68	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	3	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Beaver Creek	Custer	08/01/00	19103	40	3	12.5	10	28	2	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Quartermaster Creek	Custer	02/22/01	22699	70	3	50	3	28	6	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Quartermaster Creek	Custer	02/22/01	22699	70	3	50	3	28	5	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Quartermaster Creek	Custer	02/22/01	22699	70	3	50	3	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Quartermaster Creek	Custer	02/22/01	22699	70	3	50	3	28	79	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Quartermaster Creek	Custer	02/22/01	22699	70	3	50	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Quartermaster Creek	Custer	02/22/01	22699	70	3	50	3	28	3	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Quartermaster Creek	Custer	02/22/01	22699	70	3	50	3	28	8	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	2	18.2	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Branchiura
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	1	31.1	ARTHROPODA	Crustacea	Decapoda	Cambaridae	Cambarus
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	44	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	17	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	4	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Shell Creek	Canadian	07/27/00	21689	100	3	50	12	28	11	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Shell Creek	Canadian	07/16/01	23243	60	3	25	3	28	1	18.2	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Branchiura
104	Riffle	Shell Creek	Canadian	07/16/01	23243	60	3	25	3	28	61	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

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104	Riffle	Shell Creek	Canadian	07/16/01	23243	60	3	25	3	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Shell Creek	Canadian	07/16/01	23243	60	3	25	3	28	11	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Shell Creek	Canadian	07/16/01	23243	60	3	25	3	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Shell Creek	Canadian	07/16/01	23243	60	3	25	3	28	10	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Shell Creek	Canadian	07/16/01	23243	60	3	25	3	28	19	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Un. Trib. To Canadian R.	Dewey	02/05/01	22449	80	3	12.5	7	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Un. Trib. To Canadian R.	Dewey	02/05/01	22449	80	3	12.5	7	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Un. Trib. To Canadian R.	Dewey	02/05/01	22449	80	3	12.5	7	28	116	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Un. Trib. To Canadian R.	Dewey	02/05/01	22449	80	3	12.5	7	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Un. Trib. To Canadian R.	Dewey	02/05/01	22449	80	3	12.5	7	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Un. Trib. To Canadian R.	Dewey	02/05/01	22449	80	3	12.5	7	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Red Creek	Dewey	02/05/01	22450	75	3	100	10	28	5	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Red Creek	Dewey	02/05/01	22450	75	3	100	10	28	1	23	ARTHROPODA	Acari	Arcarina		
104	Riffle	Red Creek	Dewey	02/05/01	22450	75	3	100	10	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Red Creek	Dewey	02/05/01	22450	75	3	100	10	28	3	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Riffle	Red Creek	Dewey	02/05/01	22450	75	3	100	10	28	3	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Riffle	Red Creek	Dewey	02/05/01	22450	75	3	100	10	28	111	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Red Creek	Dewey	02/05/01	22450	75	3	100	10	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Red Creek	Dewey	02/05/01	22450	75	3	100	10	28	3	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Riffle	West Beaver Creek	Logan	02/03/00	18378	50	3	12.5	6	28	20	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	West Beaver Creek	Logan	02/03/00	18378	50	3	12.5	6	28	87	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	West Beaver Creek	Logan	02/03/00	18378	50	3	12.5	6	28	1	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Riffle	West Beaver Creek	Logan	02/03/00	18378	50	3	12.5	6	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	1	23	ARTHROPODA	Acari	Arcarina		
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	5	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	19	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	8	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	1	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus

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104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	54	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	West Beaver Creek	Logan	07/19/00	21484	50	3	50	7	28	8	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	1	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	54	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	38	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	4	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Riffle	Stillwater Creek	Payne	02/03/00	18380	60	3	25	7	28	10	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	11	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	13	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	8	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	1	159	ARTHROPODA	Insecta	Hemiptera	Veliidae	Rhagovelia
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	5	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	48	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	30	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Riffle	Stillwater Creek	Payne	07/19/00	21555	100	3	100	1	28	1	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Riffle	Elm Creek	Blaine	02/08/00	18387	100	2	6.25	10	28	11	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Elm Creek	Blaine	02/08/00	18387	100	2	6.25	10	28	3	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Riffle	Elm Creek	Blaine	02/08/00	18387	100	2	6.25	10	28	5	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Elm Creek	Blaine	02/08/00	18387	100	2	6.25	10	28	76	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Elm Creek	Blaine	02/08/00	18387	100	2	6.25	10	28	4	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Elm Creek	Blaine	02/08/00	18387	100	2	6.25	10	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	1	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	27	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	7	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	1	101	ARTHROPODA	Insecta	Diptera	Psychodidae	Pericoma
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	2	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	13	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	15	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Elm Creek	Blaine	07/19/00	21558	70	3	100	28	28	5	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Elm Creek	Blaine	01/23/01	22436	100	3	100	4	28	5	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Elm Creek	Blaine	01/23/01	22436	100	3	100	4	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Elm Creek	Blaine	01/23/01	22436	100	3	100	4	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Elm Creek	Blaine	01/23/01	22436	100	3	100	4	28	99	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Elm Creek	Blaine	01/23/01	22436	100	3	100	4	28	1	117	ARTHROPODA	Insecta	Diptera	Tipulidae	Hexatoma
104	Riffle	Elm Creek	Blaine	01/23/01	22436	100	3	100	4	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Elm Creek	Blaine	01/23/01	22436	100	3	100	4	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Elm Creek	Blaine	01/23/01	22436	100	3	100	4	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Otter Creek	Logan	02/03/00	18381	70	3	12.5	7	28	1	18.2	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Branchiura
104	Riffle	Otter Creek	Logan	02/03/00	18381	70	3	12.5	7	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Otter Creek	Logan	02/03/00	18381	70	3	12.5	7	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Otter Creek	Logan	02/03/00	18381	70	3	12.5	7	28	47	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Otter Creek	Logan	02/03/00	18381	70	3	12.5	7	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Otter Creek	Logan	02/03/00	18381	70	3	12.5	7	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Otter Creek	Logan	02/03/00	18381	70	3	12.5	7	28	45	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Otter Creek	Logan	02/03/00	18381	70	3	12.5	7	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Otter Creek	Logan	02/03/00	18381	70	3	12.5	7	28	1	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	5	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	2	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	5	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	3	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	35	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	7	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	2	235.5	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ochrotrichia
104	Riffle	Otter Creek	Logan	07/19/00	21556	100	3	25	7	28	20	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	1	3.7	ANNELIDA	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	2	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	10	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	3	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	11	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	63	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	14	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Skeleton Creek	Garfield	02/03/00	18382	80	3	6.25	6	28	3	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	2	4.1	ANNELIDA	Hirudinea	Rhynchobdellida	Glossiphoniidae	Helobdella
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	45	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	13	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	4	122	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	2	164	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	Petrophila
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	36	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Skeleton Creek	Garfield	07/19/00	21557	20	3	50	7	28	3	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	2	17	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Slavina
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	10	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	17	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	32	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	14	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	4	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium

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104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	1	281.5	NEMERTEA	Enopla	Hoplonemertea	Tetrastemmatidae	Prostoma
104	Riffle	Chisolm Creek	Logan	03/01/00	18462	100	3	100	8	28	4	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Riffle	Chisolm Creek	Logan	07/16/01	23240	100	3	12.5	1	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Chisolm Creek	Logan	07/16/01	23240	100	3	12.5	1	28	25	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Chisolm Creek	Logan	07/16/01	23240	100	3	12.5	1	28	14	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Chisolm Creek	Logan	07/16/01	23240	100	3	12.5	1	28	1	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Riffle	Chisolm Creek	Logan	07/16/01	23240	100	3	12.5	1	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Chisolm Creek	Logan	07/16/01	23240	100	3	12.5	1	28	25	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Chisolm Creek	Logan	07/16/01	23240	100	3	12.5	1	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Chisolm Creek	Logan	07/16/01	23240	100	3	12.5	1	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Chisolm Creek	Logan	07/16/01	23240	100	3	12.5	1	28	2	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Riffle	Chisolm Creek	Logan	07/16/01	23240	100	3	12.5	1	28	41	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	1	13	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Dero
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	4	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	4	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	9	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	43	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	10	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	3	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	2	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	6	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	6	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	1	100	8	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	1	100	8	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	1	100	8	28	11	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	1	100	8	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	1	100	8	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	1	100	8	28	86	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	1	100	8	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Griever Creek	Major	02/07/00	18419	25	3	25	5	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Griever Creek	Major	02/07/00	18419	25	3	25	5	28	5	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Griever Creek	Major	02/07/00	18419	25	3	25	5	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Griever Creek	Major	02/07/00	18419	25	3	25	5	28	66	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Griever Creek	Major	02/07/00	18419	25	3	25	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Griever Creek	Major	02/07/00	18419	25	3	25	5	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Riffle	Griever Creek	Major	02/07/00	18419	25	3	25	5	28	18	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Griever Creek	Major	02/07/00	18419	25	3	25	5	28	7	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Griever Creek	Major	02/06/01	22456	75	3	100	6	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Griever Creek	Major	02/06/01	22456	75	3	100	6	28	4	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Griever Creek	Major	02/06/01	22456	75	3	100	6	28	101	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Griever Creek	Major	02/06/01	22456	75	3	100	6	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Griever Creek	Major	02/06/01	22456	75	3	100	6	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Griever Creek	Major	02/06/01	22456	75	3	100	6	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Griever Creek	Major	02/06/01	22456	75	3	100	6	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Griever Creek	Major	02/06/01	22456	75	3	100	6	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Griever Creek	Major	02/06/01	22456	75	3	100	6	28	12	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Griever Creek	Major	02/06/01	22456	75	3	100	6	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Spring Creek	Grant	02/07/00	18386	70	2	12.5	6	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Spring Creek	Grant	02/07/00	18386	70	2	12.5	6	28	41	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Spring Creek	Grant	02/07/00	18386	70	2	12.5	6	28	68	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	36	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	7	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	2	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	15	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	2	101	ARTHROPODA	Insecta	Diptera	Psychodidae	Pericoma
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	1	108	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Odontomyia
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	1	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	12	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	5	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	4	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	7	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	16	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Spring Creek	Grant	07/20/00	21563	100	1	100	8	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	44	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	11	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	5	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	9	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	5	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	21	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Bois d'Arc Creek	Kay	01/22/01	22430	100	3	100	5	28	1	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	8	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

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104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	33	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	10	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	16	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	11	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	3	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	19	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Turkey Creek	Woods	03/01/00	18390	80	3	25	7	28	1	281.5	NEMERTEA	Enopla	Hoplonemertea	Tetrastemmatidae	Prostoma
104	Riffle	Turkey Creek	Woods	02/06/01	22457	100	3	50	2	28	1	13	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Dero
104	Riffle	Turkey Creek	Woods	02/06/01	22457	100	3	50	2	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Turkey Creek	Woods	02/06/01	22457	100	3	50	2	28	97	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Turkey Creek	Woods	02/06/01	22457	100	3	50	2	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Turkey Creek	Woods	02/06/01	22457	100	3	50	2	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Turkey Creek	Woods	02/06/01	22457	100	3	50	2	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Turkey Creek	Woods	02/06/01	22457	100	3	50	2	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Riffle	Turkey Creek	Woods	02/06/01	22457	100	3	50	2	28	10	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	19	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	58	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	1	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	5	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	1	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
104	Riffle	Yellowstone Creek	Woods	03/01/00	18389	100	3	25	5	28	12	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	10	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	11	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

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104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	17	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	37	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	6	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	11	28	1	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Riffle	Yellowstone Creek	Woods	02/06/01	22458	100	3	25	4	28	9	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Yellowstone Creek	Woods	02/06/01	22458	100	3	25	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Yellowstone Creek	Woods	02/06/01	22458	100	3	25	4	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Yellowstone Creek	Woods	02/06/01	22458	100	3	25	4	28	5	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Yellowstone Creek	Woods	02/06/01	22458	100	3	25	4	28	108	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Riffle	Yellowstone Creek	Woods	02/06/01	22458	100	3	25	4	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Duck Creek	Kay	02/07/00	18384	70	3	25	4	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Riffle	Duck Creek	Kay	02/07/00	18384	70	3	25	4	28	31	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Duck Creek	Kay	02/07/00	18384	70	3	25	4	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Duck Creek	Kay	02/07/00	18384	70	3	25	4	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Duck Creek	Kay	02/07/00	18384	70	3	25	4	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Duck Creek	Kay	02/07/00	18384	70	3	25	4	28	47	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Duck Creek	Kay	02/07/00	18384	70	3	25	4	28	10	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Duck Creek	Kay	02/07/00	18384	70	3	25	4	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Duck Creek	Kay	02/07/00	18384	70	3	25	4	28	14	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	2	31.1	ARTHROPODA	Crustacea	Decapoda	Cambaridae	Cambarus
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	16	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	4	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	2	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	21	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	3	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	46	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Duck Creek	Kay	07/20/00	19216	100	3	50	6	28	9	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Duck Creek	Kay	01/22/01	22431	100	3	50	3	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Duck Creek	Kay	01/22/01	22431	100	3	50	3	28	109	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Duck Creek	Kay	01/22/01	22431	100	3	50	3	28	1	96	ARTHROPODA	Insecta	Diptera	Dolichopodidae	
104	Riffle	Duck Creek	Kay	01/22/01	22431	100	3	50	3	28	5	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Duck Creek	Kay	01/22/01	22431	100	3	50	3	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
104	Riffle	Duck Creek	Kay	01/22/01	22431	100	3	50	3	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Duck Creek	Kay	01/22/01	22431	100	3	50	3	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	24	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	26	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	2	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	10	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	26	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	4	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	100	1	12.5	11	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	2	18.3	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Ilyodrilus
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	11	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	58	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	4	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	3	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Riffle	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	75	3	12.5	6	28	2	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	2	13	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Dero
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	27	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	26	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	32	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	9	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Cimarron River, East	Cimarron	02/02/00	18396	60	3	6.25	7	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	5	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	10	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	45	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	13	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	192	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	4	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	1	112	ARTHROPODA	Insecta	Diptera	Tipulidae	
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	10	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	7	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	1	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Riffle	Cimarron River, East	Cimarron	02/08/01	22477	100	3	50	11	28	11	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Cimarron River, West	Cimarron	02/02/00	18395	50	3	12.5	9	28	5	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Cimarron River, West	Cimarron	02/02/00	18395	50	3	12.5	9	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Riffle	Cimarron River, West	Cimarron	02/02/00	18395	50	3	12.5	9	28	18	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Cimarron River, West	Cimarron	02/02/00	18395	50	3	12.5	9	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae

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104	Riffle	Cimarron River, West	Cimarron	02/02/00	18395	50	3	12.5	9	28	14	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Cimarron River, West	Cimarron	02/02/00	18395	50	3	12.5	9	28	26	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Cimarron River, West	Cimarron	02/02/00	18395	50	3	12.5	9	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Riffle	Cimarron River, West	Cimarron	02/02/00	18395	50	3	12.5	9	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Cimarron River, West	Cimarron	02/02/00	18395	50	3	12.5	9	28	34	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Cimarron River, West	Cimarron	02/08/01	22476	100	3	50	5	28	37	18.3	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Ilyodrilus
104	Riffle	Cimarron River, West	Cimarron	02/08/01	22476	100	3	50	5	28	62	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Cimarron River, West	Cimarron	02/08/01	22476	100	3	50	5	28	1	84.5	ARTHROPODA	Insecta	Diptera	Anthomyiidae	Limnophora
104	Riffle	Cimarron River, West	Cimarron	02/08/01	22476	100	3	50	5	28	39	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Cimarron River, West	Cimarron	02/08/01	22476	100	3	50	5	28	4	96	ARTHROPODA	Insecta	Diptera	Dolichopodidae	
104	Riffle	Cimarron River, West	Cimarron	02/08/01	22476	100	3	50	5	28	795	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Cimarron River, West	Cimarron	02/08/01	22476	100	3	50	5	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
104	Riffle	Cimarron River, West	Cimarron	02/08/01	22476	100	3	50	5	28	2	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	3	13	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Dero
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	1	29.1	ARTHROPODA	Crustacea	Cladocera		
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	109	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Veg	Beaver Creek	Custer	03/01/00	19198	50	1	12.5	5	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	94	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	1	101.2	ARTHROPODA	Insecta	Diptera	Psychodidae	Psychoda

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104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Beaver Creek	Custer	02/22/01	22697	65	3	25	5	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	10	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	3	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	4	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	1	78.6	ARTHROPODA	Insecta	Coleoptera	Noteridae	Pronoterus
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	60	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	8	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	2	176	ARTHROPODA	Insecta	Odonata	Calopterygidae	Calopteryx
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Veg	West Barnitz Creek	Custer	03/01/00	18459	50	3	50	6	28	14	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	West Barnitz Creek	Custer	02/22/01	22698	100	3	50	6	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	West Barnitz Creek	Custer	02/22/01	22698	100	3	50	6	28	2	29.5	ARTHROPODA	Crustacea	Copepoda		
104	Veg	West Barnitz Creek	Custer	02/22/01	22698	100	3	50	6	28	5	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	West Barnitz Creek	Custer	02/22/01	22698	100	3	50	6	28	91	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	West Barnitz Creek	Custer	02/22/01	22698	100	3	50	6	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	West Barnitz Creek	Custer	02/22/01	22698	100	3	50	6	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	West Barnitz Creek	Custer	02/22/01	22698	100	3	50	6	28	9	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	West Barnitz Creek	Custer	02/22/01	22698	100	3	50	6	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	2	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	1	50.15	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Laccodytes
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	3	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	3	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	2	65.1	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Haliplus
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	2	78.6	ARTHROPODA	Insecta	Coleoptera	Noteridae	Pronoterus
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	73	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Quartermaster Creek	Custer	03/01/00	18458	33	3	50	10	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	99	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	9	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Washita River # 384	Roger Mills	02/14/00	18437	75	1.5	25	6	28	5	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
104	Veg	Washita River # 384	Roger Mills	02/14/00	18437	75	1.5	25	6	28	1	33.5	ARTHROPODA	Crustacea	Isopoda		
104	Veg	Washita River # 384	Roger Mills	02/14/00	18437	75	1.5	25	6	28	3	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Washita River # 384	Roger Mills	02/14/00	18437	75	1.5	25	6	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Washita River # 384	Roger Mills	02/14/00	18437	75	1.5	25	6	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Veg	Washita River # 384	Roger Mills	02/14/00	18437	75	1.5	25	6	28	72	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Washita River # 384	Roger Mills	02/14/00	18437	75	1.5	25	6	28	25	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Washita River # 384	Roger Mills	02/16/01	22696	75	3	25	2	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Washita River # 384	Roger Mills	02/16/01	22696	75	3	25	2	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Washita River # 384	Roger Mills	02/16/01	22696	75	3	25	2	28	6	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Washita River # 384	Roger Mills	02/16/01	22696	75	3	25	2	28	117	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Washita River # 384	Roger Mills	02/16/01	22696	75	3	25	2	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Washita River # 384	Roger Mills	02/16/01	22696	75	3	25	2	28	1	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Washita River # 384	Roger Mills	02/16/01	22696	75	3	25	2	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	98	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	10	29.1	ARTHROPODA	Crustacea	Cladocera		
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	1	29.5	ARTHROPODA	Crustacea	Copepoda		
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

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104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	1	262	MOLLUSCA	Gastropoda	Basommatophora	Ancylidae	Ferrissia
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	14	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Shell Creek	Canadian	07/16/01	23243	100	3	25	3	28	1	9999	Insecta	Diptera	Culicidae		See Comments
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	2	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	1	52	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Oreodytes
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	2	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	70	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	8	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	13	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
104	Veg	Bear Creek	Custer	03/01/00	18460	50	2.5	12.5	13	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	36	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	8	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	9	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	2	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia

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104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	3	145	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Leptophlebia
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	2	176	ARTHROPODA	Insecta	Odonata	Calopterygidae	Calopteryx
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	5	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	4	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Bear Creek	Custer	02/14/01	22587	100	3	100	7	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	50	3	50	2	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	50	3	50	2	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	50	3	50	2	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	50	3	50	2	28	53	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	50	3	50	2	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	50	3	50	2	28	53	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	50	3	50	2	28	15	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	50	3	50	2	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	50	3	50	2	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Trail Creek, Dewey Co.	Dewey	02/05/01	22448	50	5	100	28	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Veg	Trail Creek, Dewey Co.	Dewey	02/05/01	22448	50	5	100	28	28	15	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Trail Creek, Dewey Co.	Dewey	02/05/01	22448	50	5	100	28	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Trail Creek, Dewey Co.	Dewey	02/05/01	22448	50	5	100	28	28	1	122	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	
104	Veg	Trail Creek, Dewey Co.	Dewey	02/05/01	22448	50	5	100	28	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Canadian River	Dewey	02/14/00	18439	75	3	25	6	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Canadian River	Dewey	02/14/00	18439	75	3	25	6	28	3	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Canadian River	Dewey	02/14/00	18439	75	3	25	6	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Canadian River	Dewey	02/14/00	18439	75	3	25	6	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Canadian River	Dewey	02/14/00	18439	75	3	25	6	28	57	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Canadian River	Dewey	02/14/00	18439	75	3	25	6	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Canadian River	Dewey	02/14/00	18439	75	3	25	6	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Canadian River	Dewey	02/14/00	18439	75	3	25	6	28	42	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Canadian River	Dewey	02/14/00	18439	75	3	25	6	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Canadian River	Dewey	02/20/01	22517	75	5	50	3	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus

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104	Veg	Canadian River	Dewey	02/20/01	22517	75	5	50	3	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Canadian River	Dewey	02/20/01	22517	75	5	50	3	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Canadian River	Dewey	02/20/01	22517	75	5	50	3	28	3	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Canadian River	Dewey	02/20/01	22517	75	5	50	3	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Canadian River	Dewey	02/20/01	22517	75	5	50	3	28	109	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Canadian River	Dewey	02/20/01	22517	75	5	50	3	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Canadian River	Dewey	02/20/01	22517	75	5	50	3	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Canadian River	Dewey	02/20/01	22517	75	5	50	3	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	66	3	25	4	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	66	3	25	4	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Veg	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	66	3	25	4	28	20	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	66	3	25	4	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	66	3	25	4	28	54	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	66	3	25	4	28	25	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	66	3	25	4	28	7	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	3	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	8	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	8	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	54	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	8	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	6	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	6	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	1	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Red Creek	Dewey	02/14/00	18438	50	3	25	5	28	12	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Red Creek	Dewey	02/05/01	22450	100	5	100	8	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Red Creek	Dewey	02/05/01	22450	100	5	100	8	28	26	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Red Creek	Dewey	02/05/01	22450	100	5	100	8	28	74	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Red Creek	Dewey	02/05/01	22450	100	5	100	8	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Red Creek	Dewey	02/05/01	22450	100	5	100	8	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
104	Veg	Red Creek	Dewey	02/05/01	22450	100	5	100	8	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Red Creek	Dewey	02/05/01	22450	100	5	100	8	28	1	184.1	ARTHROPODA	Insecta	Odonata	Gomphidae	Arigomphus
104	Veg	Red Creek	Dewey	02/05/01	22450	100	5	100	8	28	1	210	ARTHROPODA	Insecta	Plecoptera	Perlidae	
104	Veg	Red Creek	Dewey	02/05/01	22450	100	5	100	8	28	4	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Elm Creek	Blaine	02/08/00	18387	100	3	25	6	28	2	13	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Dero
104	Veg	Elm Creek	Blaine	02/08/00	18387	100	3	25	6	28	1	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
104	Veg	Elm Creek	Blaine	02/08/00	18387	100	3	25	6	28	3	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Elm Creek	Blaine	02/08/00	18387	100	3	25	6	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Elm Creek	Blaine	02/08/00	18387	100	3	25	6	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Elm Creek	Blaine	02/08/00	18387	100	3	25	6	28	110	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Elm Creek	Blaine	02/08/00	18387	100	3	25	6	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	36	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	58	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Veg	Elm Creek	Blaine	07/19/00	21558	50	2.5	100	10	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	12	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	10	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	40	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	1	166.1	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Chauliodes
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	1	178	ARTHROPODA	Insecta	Odonata	Coenagrionidae	

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104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	29	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Otter Creek	Logan	07/19/00	21556	100	1.5	50	6	28	8	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Veg	Skeleton Creek	Garfield	02/03/00	18382	100	3	25	7	28	1	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
104	Veg	Skeleton Creek	Garfield	02/03/00	18382	100	3	25	7	28	5	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Veg	Skeleton Creek	Garfield	02/03/00	18382	100	3	25	7	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Skeleton Creek	Garfield	02/03/00	18382	100	3	25	7	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Skeleton Creek	Garfield	02/03/00	18382	100	3	25	7	28	91	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Skeleton Creek	Garfield	02/03/00	18382	100	3	25	7	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Skeleton Creek	Garfield	02/03/00	18382	100	3	25	7	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Skeleton Creek	Garfield	02/03/00	18382	100	3	25	7	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Chisolm Creek	Logan	07/16/01	23240	75	3	25	2	28	17	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Chisolm Creek	Logan	07/16/01	23240	75	3	25	2	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Chisolm Creek	Logan	07/16/01	23240	75	3	25	2	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Chisolm Creek	Logan	07/16/01	23240	75	3	25	2	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Chisolm Creek	Logan	07/16/01	23240	75	3	25	2	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Chisolm Creek	Logan	07/16/01	23240	75	3	25	2	28	83	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Chisolm Creek	Logan	07/16/01	23240	75	3	25	2	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Chisolm Creek	Logan	07/16/01	23240	75	3	25	2	28	11	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	14	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	9	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	12	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes

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104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	153.5	ARTHROPODA	Insecta	Hemiptera	Gelastocoridae	
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	2	159	ARTHROPODA	Insecta	Hemiptera	Veliidae	Rhagovelia
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	12	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	18	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	4	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	4	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	3	100	11	28	1	9999	Insecta	Coleoptera	Dytiscidae	Thermonectus	See Comments
104	Veg	Griever Creek	Major	02/07/00	18419	80	3	100	6	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Griever Creek	Major	02/07/00	18419	80	3	100	6	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Veg	Griever Creek	Major	02/07/00	18419	80	3	100	6	28	58	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Griever Creek	Major	02/07/00	18419	80	3	100	6	28	34	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Griever Creek	Major	02/07/00	18419	80	3	100	6	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Griever Creek	Major	02/07/00	18419	80	3	100	6	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Griever Creek	Major	02/07/00	18419	80	3	100	6	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	11	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	2	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	80	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	1	173.4	ARTHROPODA	Insecta	Odonata	Aeshnidae	Boyeria
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	1	184.1	ARTHROPODA	Insecta	Odonata	Gomphidae	Arigomphus
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	1	235	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ithytrichia
104	Veg	Griever Creek	Major	02/06/01	22456	100	5	50	10	28	10	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	6	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	11	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	1	68	ARTHROPODA	Insecta	Coleoptera	Hydraenidae	Octhebius

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104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	31	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	18	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	5	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	10	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Traders Creek	Woodward	02/07/00	18421	40	3	12.5	14	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	4	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	3	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	7	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	12	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	16	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	34	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Traders Creek	Woodward	08/01/00	19169	100	5	100	10	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	23	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	12	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	5	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	6	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	5	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Veg	Traders Creek	Woodward	02/06/01	22459	100	5	50	12	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	1	13	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Dero
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	76	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	8	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	6	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	66	3	50	3	28	1	78.4	ARTHROPODA	Insecta	Coleoptera	Noteridae	Notomicrus
104	Veg	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	75	5	25	4	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	75	5	25	4	28	137	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	75	5	25	4	28	8	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	75	5	25	4	28	1	99.65	ARTHROPODA	Insecta	Diptera	Ephydridae	Hydrellia
104	Veg	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	75	5	25	4	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	75	5	25	4	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	75	5	25	4	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	75	5	25	4	28	1	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	72	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	16	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	1	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	3	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Cimarron River, Harper Co.	Harper	02/03/00	18401	50	3	100	17	28	1	48.4	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Graphoderus
104	Veg	Cimarron River, Harper Co.	Harper	02/06/01	22462	100	5	50	10	28	98	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Cimarron River, Harper Co.	Harper	02/06/01	22462	100	5	50	10	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Cimarron River, Harper Co.	Harper	02/06/01	22462	100	5	50	10	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	27	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	71	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Spring Creek	Grant	02/07/00	18386	100	1.5	50	4	28	10	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	27	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	8	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	32	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini

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104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	2	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	2	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Turkey Creek	Woods	07/19/00	21559	100	3	50	13	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	6	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	12	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	23	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	22	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Yellowstone Creek	Woods	07/20/00	21564	100	3	100	20	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Yellowstone Creek	Woods	02/06/01	22458	100	5	50	4	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Yellowstone Creek	Woods	02/06/01	22458	100	5	50	4	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Yellowstone Creek	Woods	02/06/01	22458	100	5	50	4	28	7	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Yellowstone Creek	Woods	02/06/01	22458	100	5	50	4	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Yellowstone Creek	Woods	02/06/01	22458	100	5	50	4	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Yellowstone Creek	Woods	02/06/01	22458	100	5	50	4	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Yellowstone Creek	Woods	02/06/01	22458	100	5	50	4	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Yellowstone Creek	Woods	02/06/01	22458	100	5	50	4	28	126	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Veg	Yellowstone Creek	Woods	02/06/01	22458	100	5	50	4	28	1	210	ARTHROPODA	Insecta	Plecoptera	Perlidae	
104	Veg	Yellowstone Creek	Woods	02/06/01	22458	100	5	50	4	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	33	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	3	31.1	ARTHROPODA	Crustacea	Decapoda	Cambaridae	Cambarus
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	4	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	2	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	11	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	11	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	7	176	ARTHROPODA	Insecta	Odonata	Calopterygidae	Calopteryx
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Duck Creek	Kay	07/20/00	19216	100	3	50	14	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Bitter Creek	Kay	02/07/00	18385	100	1	50	7	28	4	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Bitter Creek	Kay	02/07/00	18385	100	1	50	7	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
104	Veg	Bitter Creek	Kay	02/07/00	18385	100	1	50	7	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Bitter Creek	Kay	02/07/00	18385	100	1	50	7	28	79	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Bitter Creek	Kay	02/07/00	18385	100	1	50	7	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Bitter Creek	Kay	02/07/00	18385	100	1	50	7	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Bitter Creek	Kay	02/07/00	18385	100	1	50	7	28	2	176	ARTHROPODA	Insecta	Odonata	Calopterygidae	Calopteryx
104	Veg	Bitter Creek	Kay	02/07/00	18385	100	1	50	7	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Bitter Creek	Kay	02/07/00	18385	100	1	50	7	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Bitter Creek	Kay	02/07/00	18385	100	1	50	7	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	North Canadian River	Major	02/14/00	18442	80	3	12.5	6	28	1	68	ARTHROPODA	Insecta	Coleoptera	Hydraenidae	Octhebius
104	Veg	North Canadian River	Major	02/14/00	18442	80	3	12.5	6	28	41	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	North Canadian River	Major	02/14/00	18442	80	3	12.5	6	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	North Canadian River	Major	02/14/00	18442	80	3	12.5	6	28	53	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	North Canadian River	Major	02/14/00	18442	80	3	12.5	6	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	North Canadian River	Major	02/14/00	18442	80	3	12.5	6	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Veg	North Canadian River	Woodward	02/20/01	22515	75	3	25	5	28	3	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	North Canadian River	Woodward	02/20/01	22515	75	3	25	5	28	88	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	North Canadian River	Woodward	02/20/01	22515	75	3	25	5	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	North Canadian River	Woodward	02/20/01	22515	75	3	25	5	28	18	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	North Canadian River	Woodward	02/20/01	22515	75	3	25	5	28	6	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	4	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	33.5	ARTHROPODA	Crustacea	Isopoda		
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	2	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	2	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	4	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	20	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	17	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	6	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	17	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	1	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Persimmon Creek	Woodward	02/15/00	21653	66	3	25	20	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	19	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	63	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	1	137	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	

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104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	2	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	7	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	1	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
104	Veg	Persimmon Creek	Woodward	02/20/01	22516	80	5	50	4	28	1	243.5	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Pycnopsyche
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	1	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	3	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	46	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	15	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	13	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	4	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	13	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	1	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Beaver River	Harper	02/03/00	18402	50	3	50	15	28	1	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	2	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	87	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	7	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila

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104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	1	210	ARTHROPODA	Insecta	Plecoptera	Perlidae	
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	1	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Veg	Beaver River	Harper	02/07/01	22469	100	5	50	5	28	1	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	4	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	45	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	23	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	3	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	3	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	17	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	4	231	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Smicridea
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Clear Creek, Harper Co.	Harper	02/03/00	18403	66	2	25	11	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Clear Creek, Harper Co.	Harper	02/06/01	22461	80	5	25	7	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Clear Creek, Harper Co.	Harper	02/06/01	22461	80	5	25	7	28	101	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Clear Creek, Harper Co.	Harper	02/06/01	22461	80	5	25	7	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Clear Creek, Harper Co.	Harper	02/06/01	22461	80	5	25	7	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Clear Creek, Harper Co.	Harper	02/06/01	22461	80	5	25	7	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Clear Creek, Harper Co.	Harper	02/06/01	22461	80	5	25	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Clear Creek, Harper Co.	Harper	02/06/01	22461	80	5	25	7	28	1	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Clear Creek, Harper Co.	Harper	02/06/01	22461	80	5	25	7	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	2	12.5	20	28	10	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	2	12.5	20	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	2	12.5	20	28	60	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	2	12.5	20	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	2	12.5	20	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	2	12.5	20	28	4	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	2	12.5	20	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	2	12.5	20	28	15	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	2	12.5	20	28	1	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
104	Veg	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	2	12.5	20	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	1	51	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Laccophilus
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	58	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	3	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	13	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	6	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	9	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	75	3	25	5	28	7	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	100	5	100	4	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	100	5	100	4	28	1	35.5	ARTHROPODA	Crustacea	Ostracoda		
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	100	5	100	4	28	7	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	100	5	100	4	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	100	5	100	4	28	90	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	100	5	100	4	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	100	5	100	4	28	6	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	100	5	100	4	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	100	5	100	4	28	2	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Kiowa Creek, Beaver Co.	Beaver	02/07/01	22471	100	5	100	4	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Clear Creek, Beaver Co.	Beaver	02/03/00	18398	50	3	25	8	28	2	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Clear Creek, Beaver Co.	Beaver	02/03/00	18398	50	3	25	8	28	70	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Clear Creek, Beaver Co.	Beaver	02/03/00	18398	50	3	25	8	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Clear Creek, Beaver Co.	Beaver	02/03/00	18398	50	3	25	8	28	26	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Clear Creek, Beaver Co.	Beaver	02/03/00	18398	50	3	25	8	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Clear Creek, Beaver Co.	Beaver	02/03/00	18398	50	3	25	8	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	

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104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	10	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	33.5	ARTHROPODA	Crustacea	Isopoda		
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	46	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	13	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	2	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	6	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Clear Creek, Beaver Co.	Beaver	02/07/01	22472	100	5	50	28	28	1	281	NEMATODA				
104	Veg	Palo Duro Creek	Texas	02/02/00	18392	65	3	25	5	28	1	3.7	ANNELIDA	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella
104	Veg	Palo Duro Creek	Texas	02/02/00	18392	65	3	25	5	28	1	78.6	ARTHROPODA	Insecta	Coleoptera	Noteridae	Pronoterus
104	Veg	Palo Duro Creek	Texas	02/02/00	18392	65	3	25	5	28	79	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Palo Duro Creek	Texas	02/02/00	18392	65	3	25	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Palo Duro Creek	Texas	02/02/00	18392	65	3	25	5	28	35	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Palo Duro Creek	Texas	02/02/00	18392	65	3	25	5	28	1	281	NEMATODA				
104	Veg	Palo Duro Creek	Texas	02/07/01	22473	100	3	25	4	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Palo Duro Creek	Texas	02/07/01	22473	100	3	25	4	28	66	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Palo Duro Creek	Texas	02/07/01	22473	100	3	25	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Palo Duro Creek	Texas	02/07/01	22473	100	3	25	4	28	64	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Palo Duro Creek	Texas	02/07/01	22473	100	3	25	4	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Veg	Palo Duro Creek	Texas	02/07/01	22473	100	3	25	4	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	3	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	51	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

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104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	1	99.65	ARTHROPODA	Insecta	Diptera	Ephydridae	Hydrellia
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	14	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	11	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	1	155.8	ARTHROPODA	Insecta	Hemiptera	Hebridae	Merragata
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	5	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Wolf Creek	Woodward	02/15/00	18443	50	3	12.5	8	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Wolf Creek	Woodward	02/05/01	22455	100	3	100	3	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Wolf Creek	Woodward	02/05/01	22455	100	3	100	3	28	2	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Wolf Creek	Woodward	02/05/01	22455	100	3	100	3	28	93	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Wolf Creek	Woodward	02/05/01	22455	100	3	100	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Wolf Creek	Woodward	02/05/01	22455	100	3	100	3	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Wolf Creek	Woodward	02/05/01	22455	100	3	100	3	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	5	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	27	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	43	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	14	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	12	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Veg	Buzzard Creek	Ellis	02/03/00	18404	50	2	25	4	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Buzzard Creek	Ellis	02/05/01	22451	80	3	25	4	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Buzzard Creek	Ellis	02/05/01	22451	80	3	25	4	28	87	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Buzzard Creek	Ellis	02/05/01	22451	80	3	25	4	28	1	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Veg	Buzzard Creek	Ellis	02/05/01	22451	80	3	25	4	28	3	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
104	Veg	Buzzard Creek	Ellis	02/05/01	22451	80	3	25	4	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus

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104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	1	29.5	ARTHROPODA	Crustacea	Copepoda		
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	7	35.5	ARTHROPODA	Crustacea	Ostracoda		
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	4	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	2	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	3	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	94	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	1	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Corrumpa Creek	Cimarron	02/02/00	18393	100	2	25	6	28	3	278	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Pisidium
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	4	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	8	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	56	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	1	96	ARTHROPODA	Insecta	Diptera	Dolichopodidae	
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	1	101	ARTHROPODA	Insecta	Diptera	Psychodidae	Pericoma
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	13	107.8	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Nemotelus
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	4	108	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Odontomyia
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	1	117	ARTHROPODA	Insecta	Diptera	Tipulidae	Hexatoma
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	2	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	2	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Veg	Corrumpa Creek	Cimarron	02/26/01	22537	80	5	50	6	28	1	278	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Pisidium
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	2	35.5	ARTHROPODA	Crustacea	Ostracoda		
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	6	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	2	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	14	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	14	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	1	99.65	ARTHROPODA	Insecta	Diptera	Ephydridae	Hydrellia
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	36	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	13	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Cimarron River, East	Cimarron	02/02/00	18396	100	2	25	12	28	1	239	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Oecetis
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	45	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	1	29.1	ARTHROPODA	Crustacea	Cladocera		
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	1	29.5	ARTHROPODA	Crustacea	Copepoda		
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	3	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	24	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	1	156.5	ARTHROPODA	Insecta	Hemiptera	Naucoridae	Ambrysus
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	1	158.5	ARTHROPODA	Insecta	Hemiptera	Veliidae	Microvelia
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	6	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	8	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Veg	Cimarron River, East	Cimarron	02/08/01	22477	100	5	100	8	28	5	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Cimarron River, West	Cimarron	02/02/00	18395	100	3	12.5	8	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Cimarron River, West	Cimarron	02/02/00	18395	100	3	12.5	8	28	30	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Cimarron River, West	Cimarron	02/02/00	18395	100	3	12.5	8	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Cimarron River, West	Cimarron	02/02/00	18395	100	3	12.5	8	28	53	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Cimarron River, West	Cimarron	02/02/00	18395	100	3	12.5	8	28	18	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Cimarron River, West	Cimarron	02/02/00	18395	100	3	12.5	8	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Cimarron River, West	Cimarron	02/02/00	18395	100	3	12.5	8	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Cimarron River, West	Cimarron	02/02/00	18395	100	3	12.5	8	28	1	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Veg	Cimarron River, West	Cimarron	02/08/01	22476	100	5	50	16	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Cimarron River, West	Cimarron	02/08/01	22476	100	5	50	16	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Cimarron River, West	Cimarron	02/08/01	22476	100	5	50	16	28	44	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Cimarron River, West	Cimarron	02/08/01	22476	100	5	50	16	28	262	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Cimarron River, West	Cimarron	02/08/01	22476	100	5	50	16	28	37	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	9	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	1	29.5	ARTHROPODA	Crustacea	Copepoda		
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	3	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	1	91	ARTHROPODA	Insecta	Diptera	Chironomidae	Diamesinae
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	19	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	18	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	19	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	27	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	9	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	11	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	1	235.6	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Oxyethira
104	Veg	South Carrizzo Creek	Cimarron	02/02/00	18394	50	3	50	6	28	1	243.5	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Pycnopsyche
104	Woody	Washita River # 145	Custer	03/01/00	18456	100	5	3.125	7	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Woody	Washita River # 145	Custer	03/01/00	18456	100	5	3.125	7	28	14	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Washita River # 145	Custer	03/01/00	18456	100	5	3.125	7	28	87	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Washita River # 145	Custer	03/01/00	18456	100	5	3.125	7	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Washita River # 145	Custer	03/01/00	18456	100	5	3.125	7	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Washita River # 145	Custer	03/01/00	18456	100	5	3.125	7	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Washita River # 145	Custer	03/01/00	18456	100	5	3.125	7	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	2	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	48	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	10	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	4	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	4	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	39	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	4	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Beaver Creek	Custer	08/01/00	19103	100	5	25	8	28	2	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Beaver Creek	Custer	03/01/00	19198	100	5	12.5	6	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Beaver Creek	Custer	03/01/00	19198	100	5	12.5	6	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Woody	Beaver Creek	Custer	03/01/00	19198	100	5	12.5	6	28	88	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Beaver Creek	Custer	03/01/00	19198	100	5	12.5	6	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Beaver Creek	Custer	03/01/00	19198	100	5	12.5	6	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Beaver Creek	Custer	03/01/00	19198	100	5	12.5	6	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Beaver Creek	Custer	02/22/01	22697	100	5	100	8	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Beaver Creek	Custer	02/22/01	22697	100	5	100	8	28	89	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Beaver Creek	Custer	02/22/01	22697	100	5	100	8	28	4	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Woody	Beaver Creek	Custer	02/22/01	22697	100	5	100	8	28	2	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Woody	Beaver Creek	Custer	02/22/01	22697	100	5	100	8	28	8	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	West Barnitz Creek	Custer	03/01/00	18459	100	5	50	3	28	114	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	West Barnitz Creek	Custer	03/01/00	18459	100	5	50	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	West Barnitz Creek	Custer	03/01/00	18459	100	5	50	3	28	21	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	West Barnitz Creek	Custer	03/01/00	18459	100	5	50	3	28	1	107.8	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Nemotelus
104	Woody	West Barnitz Creek	Custer	03/01/00	18459	100	5	50	3	28	10	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	West Barnitz Creek	Custer	03/01/00	18459	100	5	50	3	28	7	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	West Barnitz Creek	Custer	02/22/01	22698	100	5	100	4	28	2	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	West Barnitz Creek	Custer	02/22/01	22698	100	5	100	4	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	West Barnitz Creek	Custer	02/22/01	22698	100	5	100	4	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Woody	West Barnitz Creek	Custer	02/22/01	22698	100	5	100	4	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	West Barnitz Creek	Custer	02/22/01	22698	100	5	100	4	28	82	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	West Barnitz Creek	Custer	02/22/01	22698	100	5	100	4	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	West Barnitz Creek	Custer	02/22/01	22698	100	5	100	4	28	10	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Quartermaster Creek	Custer	03/01/00	18458	100	3	25	6	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
104	Woody	Quartermaster Creek	Custer	03/01/00	18458	100	3	25	6	28	1	68	ARTHROPODA	Insecta	Coleoptera	Hydraenidae	Octhebius
104	Woody	Quartermaster Creek	Custer	03/01/00	18458	100	3	25	6	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Woody	Quartermaster Creek	Custer	03/01/00	18458	100	3	25	6	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Quartermaster Creek	Custer	03/01/00	18458	100	3	25	6	28	89	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Quartermaster Creek	Custer	03/01/00	18458	100	3	25	6	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Quartermaster Creek	Custer	03/01/00	18458	100	3	25	6	28	6	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Quartermaster Creek	Custer	03/01/00	18458	100	3	25	6	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Quartermaster Creek	Custer	03/01/00	18458	100	3	25	6	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	19	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	78	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	16	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Washita River # 384	Roger Mills	02/14/00	18437	75	5	12.5	6	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Woody	Washita River # 384	Roger Mills	02/14/00	18437	75	5	12.5	6	28	40	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Washita River # 384	Roger Mills	02/14/00	18437	75	5	12.5	6	28	64	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Washita River # 384	Roger Mills	02/14/00	18437	75	5	12.5	6	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Woody	Washita River # 384	Roger Mills	02/16/01	22696	100	5	50	2	28	121	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Washita River # 384	Roger Mills	02/16/01	22696	100	5	50	2	28	1	137	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	
104	Woody	Washita River # 384	Roger Mills	02/16/01	22696	100	5	50	2	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	64	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	21	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	1	99.65	ARTHROPODA	Insecta	Diptera	Ephydridae	Hydrellia
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	3	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	1	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	7	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Shell Creek	Canadian	07/27/00	21689	100	5	50	13	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	66	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	12	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	2	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	1	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
104	Woody	Shell Creek	Canadian	07/16/01	23243	50	5	50	10	28	2	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Woody	Bear Creek	Custer	03/01/00	18460	100	4	25	4	28	100	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Bear Creek	Custer	03/01/00	18460	100	4	25	4	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Bear Creek	Custer	03/01/00	18460	100	4	25	4	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	33	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	32	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	2	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	27	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini

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104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Woody	Bear Creek	Custer	02/14/01	22587	100	5	100	6	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	100	5	25	5	28	74	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	100	5	25	5	28	5	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	100	5	25	5	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	100	5	25	5	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	100	5	25	5	28	21	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	100	5	25	5	28	12	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Trail Creek, Dewey Co.	Dewey	02/14/00	18441	100	5	25	5	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	36	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	1	95.51	ARTHROPODA	Insecta	Diptera	Culicidae	Culiseta
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	30	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	2	114.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Dactylolabis
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	1	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	11	117	ARTHROPODA	Insecta	Diptera	Tipulidae	Hexatoma
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Canadian River	Dewey	02/14/00	18439	100	3	25	7	28	1	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
104	Woody	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	50	5	25	5	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Woody	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	50	5	25	5	28	15	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	50	5	25	5	28	59	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	50	5	25	5	28	20	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	50	5	25	5	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis

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104	Woody	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	50	5	25	5	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Woody	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	50	5	25	5	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Un. Trib. To Canadian R.	Dewey	02/14/00	18440	50	5	25	5	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Un. Trib. To Canadian R.	Dewey	02/05/01	22449	100	5	25	9	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Un. Trib. To Canadian R.	Dewey	02/05/01	22449	100	5	25	9	28	1	29.5	ARTHROPODA	Crustacea	Copepoda		
104	Woody	Un. Trib. To Canadian R.	Dewey	02/05/01	22449	100	5	25	9	28	103	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Red Creek	Dewey	02/14/00	18438	75	3.5	25	6	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Red Creek	Dewey	02/14/00	18438	75	3.5	25	6	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Red Creek	Dewey	02/14/00	18438	75	3.5	25	6	28	33	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Red Creek	Dewey	02/14/00	18438	75	3.5	25	6	28	32	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Red Creek	Dewey	02/14/00	18438	75	3.5	25	6	28	13	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Red Creek	Dewey	02/14/00	18438	75	3.5	25	6	28	6	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Red Creek	Dewey	02/14/00	18438	75	3.5	25	6	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Red Creek	Dewey	02/14/00	18438	75	3.5	25	6	28	2	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Red Creek	Dewey	02/14/00	18438	75	3.5	25	6	28	8	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Red Creek	Dewey	02/14/00	18438	75	3.5	25	6	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Red Creek	Dewey	02/05/01	22450	100	5	100	11	28	7	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Red Creek	Dewey	02/05/01	22450	100	5	100	11	28	94	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Red Creek	Dewey	02/05/01	22450	100	5	100	11	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Red Creek	Dewey	02/05/01	22450	100	5	100	11	28	1	115.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Erioptera
104	Woody	Red Creek	Dewey	02/05/01	22450	100	5	100	11	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Woody	Red Creek	Dewey	02/05/01	22450	100	5	100	11	28	1	210	ARTHROPODA	Insecta	Plecoptera	Perlidae	
104	Woody	West Beaver Creek	Logan	02/03/00	18378	100	5	25	9	28	41	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	West Beaver Creek	Logan	02/03/00	18378	100	5	25	9	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	West Beaver Creek	Logan	02/03/00	18378	100	5	25	9	28	56	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	West Beaver Creek	Logan	02/03/00	18378	100	5	25	9	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Woody	West Beaver Creek	Logan	02/03/00	18378	100	5	25	9	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	West Beaver Creek	Logan	02/03/00	18378	100	5	25	9	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	West Beaver Creek	Logan	02/03/00	18378	100	5	25	9	28	1	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	35	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	2	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	10	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	2	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	4	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	30	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	West Beaver Creek	Logan	07/19/00	21484	100	5	100	9	28	1	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Woody	Stillwater Creek	Payne	02/03/00	18380	100	4	25	16	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Woody	Stillwater Creek	Payne	02/03/00	18380	100	4	25	16	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Stillwater Creek	Payne	02/03/00	18380	100	4	25	16	28	64	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Stillwater Creek	Payne	02/03/00	18380	100	4	25	16	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Stillwater Creek	Payne	02/03/00	18380	100	4	25	16	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Stillwater Creek	Payne	02/03/00	18380	100	4	25	16	28	19	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Stillwater Creek	Payne	02/03/00	18380	100	4	25	16	28	1	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Woody	Stillwater Creek	Payne	02/03/00	18380	100	4	25	16	28	3	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	16	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	12	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	53	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	3	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Woody	Stillwater Creek	Payne	07/19/00	21555	100	4.5	100	16	28	2	250	ARTHROPODA	Insecta	Trichoptera	Polycentropodidae	Cyrnellus
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	68	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis

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104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	6	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	10	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Elm Creek	Blaine	07/19/00	21558	100	2	100	17	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	1	63	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Gyretes
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	20	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	12	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	39	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	18	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	7	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Otter Creek	Logan	07/19/00	21556	100	5	50	7	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	14	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	3	29.1	ARTHROPODA	Crustacea	Cladocera		
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	26	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	31	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	4	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes

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104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	1	164	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	Petrophila
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	4	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	10	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Skeleton Creek	Garfield	07/19/00	21557	100	3.5	100	17	28	1	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	11	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	9	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	2	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	8	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	1	83.5	ARTHROPODA	Insecta	Collembola		
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	27	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	7	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	6	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Deer Creek, Logan Co.	Logan	03/01/00	18463	100	5	50	16	28	1	281.5	NEMERTEA	Enopla	Hoplonemertea	Tetrastemmatidae	Prostoma
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	12	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	6	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	36	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	12	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	5	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	47	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	1	235.5	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ochrotrichia
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Deer Creek, Logan Co.	Logan	07/16/01	23241	100	5	50	8	28	4	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	1	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	4	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	59	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	8	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	10	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	4	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Kingfisher Creek	Kingfisher	03/01/00	18464	100	3	50	8	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	2	12	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Chaetogaster
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	41	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	2	95.51	ARTHROPODA	Insecta	Diptera	Culicidae	Culiseta
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	7	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Cottonwood Creek, Major Co.	Major	02/08/00	18388	100	5	50	8	28	7	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	2	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	25	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	20	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	20	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	1	178	ARTHROPODA	Insecta	Odonata	Coenagrionidae	
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	28	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Cottonwood Creek, Major Co.	Major	07/19/00	21560	100	3.5	100	8	28	6	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Griever Creek	Major	02/07/00	18419	50	5	25	7	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Woody	Griever Creek	Major	02/07/00	18419	50	5	25	7	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Griever Creek	Major	02/07/00	18419	50	5	25	7	28	50	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Griever Creek	Major	02/07/00	18419	50	5	25	7	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Griever Creek	Major	02/07/00	18419	50	5	25	7	28	45	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Griever Creek	Major	02/07/00	18419	50	5	25	7	28	8	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Griever Creek	Major	02/07/00	18419	50	5	25	7	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Griever Creek	Major	02/07/00	18419	50	5	25	7	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	2	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	30	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	41	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	8	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	12	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	20	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Traders Creek	Woodward	02/07/00	18421	66	2	100	6	28	1	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Woody	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	100	3.5	25	5	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	100	3.5	25	5	28	78	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	100	3.5	25	5	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	100	3.5	25	5	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	100	3.5	25	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	100	3.5	25	5	28	32	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	100	3.5	25	5	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	100	3.5	25	5	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	100	3.5	25	5	28	1	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Woody	Buffalo Creek, Harper Co.	Harper	02/07/00	18422	100	3.5	25	5	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	99	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Buffalo Creek, Harper Co.	Harper	02/06/01	22460	100	5	25	9	28	1	243	ARTHROPODA	Insecta	Trichoptera	Limnephilidae	Limnephilus
104	Woody	Spring Creek	Grant	02/07/00	18386	100	5	50	7	28	10	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Spring Creek	Grant	02/07/00	18386	100	5	50	7	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus

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104	Woody	Spring Creek	Grant	02/07/00	18386	100	5	50	7	28	71	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Spring Creek	Grant	02/07/00	18386	100	5	50	7	28	27	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Spring Creek	Grant	02/07/00	18386	100	5	50	7	28	1	107.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Euparyphus
104	Woody	Spring Creek	Grant	02/07/00	18386	100	5	50	7	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Spring Creek	Grant	02/07/00	18386	100	5	50	7	28	1	281	NEMATODA				
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	31	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	3	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	22	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	1	107.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Euparyphus
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	10	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Spring Creek	Grant	07/20/00	21563	100	4	100	8	28	1	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Woody	Spring Creek	Grant	01/22/01	22433	100	3	100	10	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Spring Creek	Grant	01/22/01	22433	100	3	100	10	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Spring Creek	Grant	01/22/01	22433	100	3	100	10	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Woody	Spring Creek	Grant	01/22/01	22433	100	3	100	10	28	98	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Spring Creek	Grant	01/22/01	22433	100	3	100	10	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Spring Creek	Grant	01/22/01	22433	100	3	100	10	28	1	108	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Odontomyia
104	Woody	Spring Creek	Grant	01/22/01	22433	100	3	100	10	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Bois d'Arc Creek	Kay	02/07/00	18383	100	5	25	8	28	11	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Woody	Bois d'Arc Creek	Kay	02/07/00	18383	100	5	25	8	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Bois d'Arc Creek	Kay	02/07/00	18383	100	5	25	8	28	81	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

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104	Woody	Bois d'Arc Creek	Kay	02/07/00	18383	100	5	25	8	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Bois d'Arc Creek	Kay	02/07/00	18383	100	5	25	8	28	10	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Bois d'Arc Creek	Kay	02/07/00	18383	100	5	25	8	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Bois d'Arc Creek	Kay	02/07/00	18383	100	5	25	8	28	1	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	2	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	49	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	20	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	3	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	2	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	1	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	4	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Bois d'Arc Creek	Kay	07/20/00	21561	100	5	100	11	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	16	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	11	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	2	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	8	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Turkey Creek	Woods	07/19/00	21559	100	5	100	28	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Turkey Creek	Woods	02/06/01	22457	50	5	100	4	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Turkey Creek	Woods	02/06/01	22457	50	5	100	4	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Turkey Creek	Woods	02/06/01	22457	50	5	100	4	28	111	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Turkey Creek	Woods	02/06/01	22457	50	5	100	4	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Turkey Creek	Woods	02/06/01	22457	50	5	100	4	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Turkey Creek	Woods	02/06/01	22457	50	5	100	4	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Turkey Creek	Woods	02/06/01	22457	50	5	100	4	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	3	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	21	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	17	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	9	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	1	99.65	ARTHROPODA	Insecta	Diptera	Ephydridae	Hydrellia
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	21	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	16	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	5	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	1	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	4	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	6	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Yellowstone Creek	Woods	03/01/00	18389	100	5	100	7	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	2	10	ANNELIDA	Oligochaeta	Lumbriculida	Lumbriculidae	
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	2	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	58	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	2	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	1	99.5	ARTHROPODA	Insecta	Diptera	Ephydridae	

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	8	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	11	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	2	122.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Acentrella
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	6	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	5	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Sandy Creek	Alfalfa	03/01/00	18391	100	3.5	50	6	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	40	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	2	120.55	ARTHROPODA	Insecta	Ephemeroptera		
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	6	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	2	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	7	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	4	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Sandy Creek	Alfalfa	07/20/00	21565	35	5	100	17	28	24	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Duck Creek	Kay	02/07/00	18384	100	5	25	11	28	7	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Duck Creek	Kay	02/07/00	18384	100	5	25	11	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Duck Creek	Kay	02/07/00	18384	100	5	25	11	28	75	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Duck Creek	Kay	02/07/00	18384	100	5	25	11	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Duck Creek	Kay	02/07/00	18384	100	5	25	11	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Duck Creek	Kay	02/07/00	18384	100	5	25	11	28	7	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Duck Creek	Kay	02/07/00	18384	100	5	25	11	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Duck Creek	Kay	02/07/00	18384	100	5	25	11	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Duck Creek	Kay	02/07/00	18384	100	5	25	11	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Woody	Duck Creek	Kay	07/20/00	19216	100	5	100	12	28	1	36	ARTHROPODA	Crustacea	Amphipoda	Gammaridae	
104	Woody	Duck Creek	Kay	07/20/00	19216	100	5	100	12	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Duck Creek	Kay	07/20/00	19216	100	5	100	12	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Duck Creek	Kay	07/20/00	19216	100	5	100	12	28	3	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Woody	Duck Creek	Kay	07/20/00	19216	100	5	100	12	28	42	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Duck Creek	Kay	07/20/00	19216	100	5	100	12	28	18	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Duck Creek	Kay	07/20/00	19216	100	5	100	12	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Duck Creek	Kay	07/20/00	19216	100	5	100	12	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Duck Creek	Kay	07/20/00	19216	100	5	100	12	28	13	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Duck Creek	Kay	01/22/01	22431	100	3	100	28	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Woody	Duck Creek	Kay	01/22/01	22431	100	3	100	28	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Duck Creek	Kay	01/22/01	22431	100	3	100	28	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Duck Creek	Kay	01/22/01	22431	100	3	100	28	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Woody	Duck Creek	Kay	01/22/01	22431	100	3	100	28	28	77	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Duck Creek	Kay	01/22/01	22431	100	3	100	28	28	1	101.2	ARTHROPODA	Insecta	Diptera	Psychodidae	Psychoda
104	Woody	Duck Creek	Kay	01/22/01	22431	100	3	100	28	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Bitter Creek	Kay	02/07/00	18385	100	5	25	5	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Bitter Creek	Kay	02/07/00	18385	100	5	25	5	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Bitter Creek	Kay	02/07/00	18385	100	5	25	5	28	77	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Bitter Creek	Kay	02/07/00	18385	100	5	25	5	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Bitter Creek	Kay	02/07/00	18385	100	5	25	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Bitter Creek	Kay	02/07/00	18385	100	5	25	5	28	2	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Bitter Creek	Kay	02/07/00	18385	100	5	25	5	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Bitter Creek	Kay	02/07/00	18385	100	5	25	5	28	13	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Bitter Creek	Kay	02/07/00	18385	100	5	25	5	28	1	250	ARTHROPODA	Insecta	Trichoptera	Polycentropodidae	Cyrnellus
104	Woody	Bitter Creek	Kay	07/20/00	21562	30	5	100	28	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Bitter Creek	Kay	07/20/00	21562	30	5	100	28	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Bitter Creek	Kay	07/20/00	21562	30	5	100	28	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Bitter Creek	Kay	07/20/00	21562	30	5	100	28	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Bitter Creek	Kay	07/20/00	21562	30	5	100	28	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Bitter Creek	Kay	07/20/00	21562	30	5	100	28	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Bitter Creek	Kay	07/20/00	21562	30	5	100	28	28	1	250	ARTHROPODA	Insecta	Trichoptera	Polycentropodidae	Cyrnellus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Bitter Creek	Kay	01/22/01	22432	100	3	100	6	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Bitter Creek	Kay	01/22/01	22432	100	3	100	6	28	96	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Bitter Creek	Kay	01/22/01	22432	100	3	100	6	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Bitter Creek	Kay	01/22/01	22432	100	3	100	6	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Bitter Creek	Kay	01/22/01	22432	100	3	100	6	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	North Canadian River	Major	02/14/00	18442	50	4	12.5	6	28	37	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	North Canadian River	Major	02/14/00	18442	50	4	12.5	6	28	80	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	North Canadian River	Major	02/14/00	18442	50	4	12.5	6	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	North Canadian River	Major	02/14/00	18442	50	4	12.5	6	28	1	152.8	ARTHROPODA	Insecta	Hemiptera	Cicadellidae	
104	Woody	North Canadian River	Major	02/14/00	18442	50	4	12.5	6	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	North Canadian River	Major	02/14/00	18442	50	4	12.5	6	28	1	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
104	Woody	North Canadian River	Major	02/14/00	18442	50	4	12.5	6	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	North Canadian River	Woodward	02/20/01	22515	100	5	50	7	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	North Canadian River	Woodward	02/20/01	22515	100	5	50	7	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	North Canadian River	Woodward	02/20/01	22515	100	5	50	7	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	North Canadian River	Woodward	02/20/01	22515	100	5	50	7	28	89	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	North Canadian River	Woodward	02/20/01	22515	100	5	50	7	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	North Canadian River	Woodward	02/20/01	22515	100	5	50	7	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	North Canadian River	Woodward	02/20/01	22515	100	5	50	7	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	North Canadian River	Woodward	02/20/01	22515	100	5	50	7	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	2	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	72	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	1	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	4	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	10	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	2	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
104	Woody	Persimmon Creek	Woodward	02/15/00	21653	50	4	12.5	22	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	14	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	21	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	22	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	1	107.8	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Nemotelus
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	9	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	3	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	3	217	ARTHROPODA	Insecta	Plecoptera	Perlodidae	Hydroperla
104	Woody	Persimmon Creek	Woodward	02/20/01	22516	75	5	100	10	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	2	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	56	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	11	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	5	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	15	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	3	231	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Smicridea

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Clear Creek, Harper Co.	Harper	02/03/00	18403	100	1	100	8	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	3	25	17	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Woody	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	3	25	17	28	46	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	3	25	17	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	3	25	17	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	3	25	17	28	14	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	3	25	17	28	4	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Kiowa Creek, Harper Co.	Harper	02/03/00	18400	66	3	25	17	28	35	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	5	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	15	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	76	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	2	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	2	101.8	ARTHROPODA	Insecta	Diptera	Sciomyzidae	
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	2	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	4	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Kiowa Creek, Harper Co.	Harper	02/07/01	22470	100	5	100	11	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	71	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	3	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	13	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	5	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Kiowa Creek, Beaver Co.	Beaver	02/03/00	18399	50	3.5	12.5	8	28	3	231	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Smicridea
104	Woody	Clear Creek, Beaver Co.	Beaver	02/03/00	18398	100	4	50	2	28	91	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Clear Creek, Beaver Co.	Beaver	02/03/00	18398	100	4	50	2	28	21	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Clear Creek, Beaver Co.	Beaver	02/03/00	18398	100	4	50	2	28	7	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Palo Duro Creek	Texas	02/02/00	18392	100	1	50	4	28	14	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Palo Duro Creek	Texas	02/02/00	18392	100	1	50	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Palo Duro Creek	Texas	02/02/00	18392	100	1	50	4	28	113	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Wolf Creek	Woodward	02/15/00	18443	50	5	6.25	7	28	1	13	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Dero
104	Woody	Wolf Creek	Woodward	02/15/00	18443	50	5	6.25	7	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Wolf Creek	Woodward	02/15/00	18443	50	5	6.25	7	28	76	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Wolf Creek	Woodward	02/15/00	18443	50	5	6.25	7	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Wolf Creek	Woodward	02/15/00	18443	50	5	6.25	7	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Wolf Creek	Woodward	02/15/00	18443	50	5	6.25	7	28	23	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Wolf Creek	Woodward	02/15/00	18443	50	5	6.25	7	28	6	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Wolf Creek	Woodward	02/15/00	18443	50	5	6.25	7	28	3	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Wolf Creek	Woodward	02/15/00	18443	50	5	6.25	7	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Wolf Creek	Woodward	02/15/00	18443	50	5	6.25	7	28	1	281	NEMATODA				
104	Woody	Wolf Creek	Woodward	02/05/01	22455	100	5	25	7	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Woody	Wolf Creek	Woodward	02/05/01	22455	100	5	25	7	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Wolf Creek	Woodward	02/05/01	22455	100	5	25	7	28	111	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Wolf Creek	Woodward	02/05/01	22455	100	5	25	7	28	7	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Buzzard Creek	Ellis	02/03/00	18404	100	1	12.5	6	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Woody	Buzzard Creek	Ellis	02/03/00	18404	100	1	12.5	6	28	1	91	ARTHROPODA	Insecta	Diptera	Chironomidae	Diamesinae
104	Woody	Buzzard Creek	Ellis	02/03/00	18404	100	1	12.5	6	28	36	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Buzzard Creek	Ellis	02/03/00	18404	100	1	12.5	6	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Buzzard Creek	Ellis	02/03/00	18404	100	1	12.5	6	28	32	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Buzzard Creek	Ellis	02/03/00	18404	100	1	12.5	6	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Buzzard Creek	Ellis	02/03/00	18404	100	1	12.5	6	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Woody	Buzzard Creek	Ellis	02/03/00	18404	100	1	12.5	6	28	24	214	ARTHROPODA	Insecta	Plecoptera	Perlidae	Perlesta
104	Woody	Buzzard Creek	Ellis	02/03/00	18404	100	1	12.5	6	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	1	12	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Chaetogaster
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	1	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	18	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	5	29.1	ARTHROPODA	Crustacea	Cladocera		
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	6	29.5	ARTHROPODA	Crustacea	Copepoda		

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	2	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	2	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	19	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	27	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	1	99.5	ARTHROPODA	Insecta	Diptera	Ephydridae	
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	2	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	3	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	6	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	12	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Cimarron River, East	Cimarron	02/02/00	18396	100	3	100	12	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	40	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	7	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	1	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	23	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	2	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	7	28	15	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	6	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	15	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	4	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	70	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	16	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Quartermaster Creek	Custer	07/27/00	19095	100	3	12.5	4	28	5	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Washita River	Custer	07/27/00	19097	40	3	25	6	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Riffle	Washita River	Custer	07/27/00	19097	40	3	25	6	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Washita River	Custer	07/27/00	19097	40	3	25	6	28	12	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Washita River	Custer	07/27/00	19097	40	3	25	6	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Washita River	Custer	07/27/00	19097	40	3	25	6	28	36	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Washita River	Custer	07/27/00	19097	40	3	25	6	28	35	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Washita River	Custer	07/27/00	19097	40	3	25	6	28	12	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Washita River	Custer	07/27/00	19097	40	3	25	6	28	6	230	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Potamyia
104	Riffle	Cimarron River, Harper Co.	Harper	07/25/00	19117	100	3	100	28	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Riffle	Cimarron River, Harper Co.	Harper	07/25/00	19117	100	3	100	28	28	9	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Cimarron River, Harper Co.	Harper	07/25/00	19117	100	3	100	28	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Cimarron River, Harper Co.	Harper	07/25/00	19117	100	3	100	28	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Cimarron River, Harper Co.	Harper	07/25/00	19117	100	3	100	28	28	1	130	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	
104	Riffle	Cimarron River, Harper Co.	Harper	07/25/00	19117	100	3	100	28	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Cimarron River, Harper Co.	Harper	07/25/00	19117	100	3	100	28	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	16	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	2	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	15	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	7	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	39	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	10	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	6	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Beaver River	Harper	07/25/00	19118	100	3	100	10	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	8	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	4	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	1	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	64	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	4	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	11	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	5	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Riffle	Washita River	Roger Mills	07/31/00	19170	100	3	25	7	28	4	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	3	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	2	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	3	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	6	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	1	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	1	176	ARTHROPODA	Insecta	Odonata	Calopterygidae	Calopteryx
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	61	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Canadian River	Dewey	07/31/00	19171	100	3	25	6	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	4	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	66	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	6	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	2	192.5	ARTHROPODA	Insecta	Odonata	Libellulidae	Brechmorhoga
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Red Creek	Dewey	07/31/00	19172	100	3	100	21	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	11	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	7	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	14	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	22	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	5	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	4	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	34	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Griever Creek	Major	07/31/00	19176	100	3	100	11	28	2	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	11	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	31	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	7	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	11	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	2	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	14	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	10	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	6	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	34	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	4	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	50	5	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	20	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	24	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	2	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Trail Creek	Kingfisher	08/03/00	21567	42.8	3	50	7	28	70	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Chisholm Creek	Logan	08/03/00	21570	44.4	3	25	3	28	5	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Chisholm Creek	Logan	08/03/00	21570	44.4	3	25	3	28	27	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Chisholm Creek	Logan	08/03/00	21570	44.4	3	25	3	28	12	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Chisholm Creek	Logan	08/03/00	21570	44.4	3	25	3	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Chisholm Creek	Logan	08/03/00	21570	44.4	3	25	3	28	63	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Chisholm Creek	Logan	08/03/00	21570	44.4	3	25	3	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Riffle	Chisholm Creek	Logan	08/03/00	21570	44.4	3	25	3	28	3	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	1	33.5	ARTHROPODA	Crustacea	Isopoda		
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	23	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	10	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	25	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	12	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	1	192.5	ARTHROPODA	Insecta	Odonata	Libellulidae	Brechmorhoga
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Persimmon Creek	Woodward	08/01/00	21656	60	3	100	10	28	19	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Stillwater Creek	Payne	02/05/01	22424	25	3	50	8	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Stillwater Creek	Payne	02/05/01	22424	25	3	50	8	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Riffle	Stillwater Creek	Payne	02/05/01	22424	25	3	50	8	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Stillwater Creek	Payne	02/05/01	22424	25	3	50	8	28	75	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Stillwater Creek	Payne	02/05/01	22424	25	3	50	8	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Stillwater Creek	Payne	02/05/01	22424	25	3	50	8	28	8	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Stillwater Creek	Payne	02/05/01	22424	25	3	50	8	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Riffle	Stillwater Creek	Payne	02/05/01	22424	25	3	50	8	28	1	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Riffle	Stillwater Creek	Payne	02/05/01	22424	25	3	50	8	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Stillwater Creek	Payne	02/05/01	22424	25	3	50	8	28	10	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	76	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

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104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	59	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	3	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	6	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Riffle	Beaver Creek	Logan	02/05/01	22425	50	3	50	3	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	13	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	15	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	45	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	5	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	12	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	5	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	9	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	11	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	4	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	6	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	7	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Otter Creek	Logan	02/05/01	22426	90	3	50	3	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	4	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	30	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	9	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

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104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	31	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	9	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Skeleton Creek	Garfield	02/05/01	22427	75	3	50	3	28	12	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Trail Creek	Kingfisher	02/05/01	22428	20	3	25	2	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Riffle	Trail Creek	Kingfisher	02/05/01	22428	20	3	25	2	28	6	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Trail Creek	Kingfisher	02/05/01	22428	20	3	25	2	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Riffle	Trail Creek	Kingfisher	02/05/01	22428	20	3	25	2	28	10	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Trail Creek	Kingfisher	02/05/01	22428	20	3	25	2	28	89	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Trail Creek	Kingfisher	02/05/01	22428	20	3	25	2	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Trail Creek	Kingfisher	02/05/01	22428	20	3	25	2	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Trail Creek	Kingfisher	02/05/01	22428	20	3	25	2	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Trail Creek	Kingfisher	02/05/01	22428	20	3	25	2	28	2	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Trail Creek	Kingfisher	02/05/01	22428	20	3	25	2	28	5	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	1	11	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	6	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	7	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	65	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	8	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	4	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Riffle	Chisholm Creek	Logan	02/06/01	22465	100	3	100	4	28	8	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Shell Creek	Canadian	02/06/01	22468	50	3	25	5	28	2	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Shell Creek	Canadian	02/06/01	22468	50	3	25	5	28	93	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Shell Creek	Canadian	02/06/01	22468	50	3	25	5	28	3	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Riffle	Shell Creek	Canadian	02/06/01	22468	50	3	25	5	28	12	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	19	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	12	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	11	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	48	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	3	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Riffle	Beaver Creek	Logan	07/16/01	23213	60	2	6.25	5	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	3	18.2	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Branchiura
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	2	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	5	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	21	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	18	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	55	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	5	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Riffle	Otter Creek	Logan	07/16/01	23214	15	3	12.25	5	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	2	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	6	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	73	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	38	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	3	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Skeleton Creek	Garfield	07/16/01	23215	60	3	6.25	2	28	4	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	27	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	101	ARTHROPODA	Insecta	Diptera	Psychodidae	Pericoma
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	109.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Stratiomys
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	14	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	6	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	225	ARTHROPODA	Insecta	Trichoptera	Helicopsychidae	Helicopsyche
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	31	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Trail Creek	Kingfisher	07/17/01	23216	100	2	12.5	14	28	3	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	27	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	8	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	4	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	17	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	38	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Kingfisher Creek	Kingfisher	07/16/01	23217	100	3	12.5	3	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	5	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	68	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Cimarron River, West	Cimarron	07/16/01	23225	100	3	100	16	28	1	278	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Pisidium
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	2	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	2	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	13	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	1	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	14	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	13	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	40	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	6	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	28	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	6	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	1	231	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Smicridea
104	Riffle	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	3	28	4	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	33	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	8	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	44	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Quartermaster Creek	Custer	07/19/01	23267	75	3	6.25	3	28	12	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	50	6	28	1	18.2	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Branchiura
104	Riffle	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	50	6	28	5	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	50	6	28	47	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	50	6	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	50	6	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	50	6	28	3	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Riffle	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	50	6	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Riffle	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	50	6	28	5	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	50	6	28	54	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	50	6	28	6	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	14	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	2	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	8	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	27	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	1	235.3	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Neotrichia
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	2	250	ARTHROPODA	Insecta	Trichoptera	Polycentropodidae	Cyrnellus
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	1	262	MOLLUSCA	Gastropoda	Basommatophora	Ancylidae	Ferrissia
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Riffle	Bitter Creek	Kay	07/19/01	23272	100	3	100	28	28	5	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	7	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	14	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	2	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	3	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	67	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	19	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Washita River	Custer	07/20/01	23273	100	3	25	3	28	2	230	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Potamyia
104	Riffle	Beaver Creek	Custer	07/20/01	23274	80	3	12.5	3	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Beaver Creek	Custer	07/20/01	23274	80	3	12.5	3	28	71	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Beaver Creek	Custer	07/20/01	23274	80	3	12.5	3	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Beaver Creek	Custer	07/20/01	23274	80	3	12.5	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Beaver Creek	Custer	07/20/01	23274	80	3	12.5	3	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Riffle	Beaver Creek	Custer	07/20/01	23274	80	3	12.5	3	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Beaver Creek	Custer	07/20/01	23274	80	3	12.5	3	28	34	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Beaver Creek	Custer	07/20/01	23274	80	3	12.5	3	28	5	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	29	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	19	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	48	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	1	130.1	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Brachycercus
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	1	137	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	19	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	15	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Canadian River	Woodward	07/23/01	23281	100	3	50	2	28	2	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	3	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	9	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	13	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	2	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	1	122	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	8	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	14	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	2	192.5	ARTHROPODA	Insecta	Odonata	Libellulidae	Brechmorhoga
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	32	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Griever Creek	Major	07/23/01	23282	100	3	12.5	12	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	3	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	4	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	4	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	8	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	9	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	1	143	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	15	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	27	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	8	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	6	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Traders Creek	Woodward	07/23/01	23283	100	3	25	5	28	4	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	13	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	1	122	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	37	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	2	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	14	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	4	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	4	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	6	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	3	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Riffle	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	100	3	25	9	28	13	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	7	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	9	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	1	109.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Stratiomys
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	1	155	ARTHROPODA	Insecta	Hemiptera	Gerridae	Rheumatobates
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	2	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	61	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Canadian River	Dewey	07/24/01	23289	80	3	25	2	28	2	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	51	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	4	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	1	192.5	ARTHROPODA	Insecta	Odonata	Libellulidae	Brechmorhoga
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	36	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Yellowstone Creek	Woods	07/24/01	23321	100	3	25	4	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	8	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	19	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	45	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	11	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	4	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	10	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	11	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Riffle	Persimmon Creek	Woodward	07/26/01	23335	60	3	25	7	28	2	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	22	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	3	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	8	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	32	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Riffle	Kiowa Creek	Harper	07/26/01	23339	100	3	25	6	28	3	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	3	18.1	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Aulodrilus
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	1	35.5	ARTHROPODA	Crustacea	Ostracoda		
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	2	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	3	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	17	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	49	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	5	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	8	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	1	278	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Pisidium
104	Veg	Carrizzo Creek	Cimarron	07/24/00	19075	100	5	100	6	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	5	28	45	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	5	28	5	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Veg	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	5	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	5	28	15	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	5	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	5	28	15	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Cimarron River, East	Cimarron	07/24/00	19077	100	3	100	5	28	43	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	1	23	ARTHROPODA	Acari	Arcarina		
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus

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104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	20	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	6	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	12	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	1	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	6	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	4	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	26	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	14	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	2	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Quartermaster Creek	Custer	07/27/00	19095	90	3	50	8	28	2	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Barnitz Creek	Custer	07/27/00	19096	100	3	100	5	28	73	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Barnitz Creek	Custer	07/27/00	19096	100	3	100	5	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Barnitz Creek	Custer	07/27/00	19096	100	3	100	5	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Barnitz Creek	Custer	07/27/00	19096	100	3	100	5	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Barnitz Creek	Custer	07/27/00	19096	100	3	100	5	28	15	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Barnitz Creek	Custer	07/27/00	19096	100	3	100	5	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Barnitz Creek	Custer	07/27/00	19096	100	3	100	5	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Barnitz Creek	Custer	07/27/00	19096	100	3	100	5	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Veg	Barnitz Creek	Custer	07/27/00	19096	100	3	100	5	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Barnitz Creek	Custer	07/27/00	19096	100	3	100	5	28	5	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	19	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	16	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	10	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	2	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	7	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	2	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	4	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	9	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Bear Creek	Custer	07/27/00	19098	100	3	100	6	28	14	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	2	69.5	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Anacaena
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	6	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	23	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	11	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	11	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	6	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	2	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	6	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	2	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Veg	Cimarron River, Harper Co.	Harper	07/25/00	19117	70	3	100	11	28	30	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	10	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	13	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	20	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	9	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	1	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis

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104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	15	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	1	172	ARTHROPODA	Insecta	Odonata	Aeshnidae	
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	5	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Beaver River	Harper	07/25/00	19118	100	5	100	16	28	8	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	1	122	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	11	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	11	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	16	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	12	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	4	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	10	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	11	231	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Smicridea
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	5	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Kiowa Creek	Harper	07/25/00	19119	100	5	100	10	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	1	31.1	ARTHROPODA	Crustacea	Decapoda	Cambaridae	Cambarus
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	1	35.5	ARTHROPODA	Crustacea	Ostracoda		
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	4	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	1	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	3	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia

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104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	5	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	13	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	9	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	4	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	7	231	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Smicridea
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	10	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	14	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Clear Creek, Harper Co.	Harper	07/25/00	19120	75	4	100	9	28	1	281.5	NEMERTEA	Enopla	Hoplonemertea	Tetrastemmatidae	Prostoma
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	4	31.1	ARTHROPODA	Crustacea	Decapoda	Cambaridae	Cambarus
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	1	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	7	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	52	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	6	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	6	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	4	192.9	ARTHROPODA	Insecta	Odonata	Libellulidae	Orthemis
104	Veg	Buzzard Creek	Ellis	07/25/00	19121	100	5	100	21	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	2	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	19	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

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104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	8	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	22	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	25	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	7	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	24	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	9	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	49	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	1	35.5	ARTHROPODA	Crustacea	Ostracoda		
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	1	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	1	95.7	ARTHROPODA	Insecta	Diptera	Dixidae	Dixa
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	2	173	ARTHROPODA	Insecta	Odonata	Aeshnidae	Basiaeschna
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	2	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Red Creek	Dewey	07/31/00	19172	100	5	100	6	28	34	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	13	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	2	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	3	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	1	130	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	3	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	4	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	19	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	2	230	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Potamyia
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Veg	Canadian River	Dewey	07/31/00	19173	100	5	100	28	28	7	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	26	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	26	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	9	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	7	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	10	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	4	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	7	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Kingfisher Creek	Kingfisher	08/03/00	21566	100	3	25	9	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Veg	Trail Creek	Kingfisher	08/03/00	21567	100	3	100	9	28	73	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Trail Creek	Kingfisher	08/03/00	21567	100	3	100	9	28	24	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Trail Creek	Kingfisher	08/03/00	21567	100	3	100	9	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Trail Creek	Kingfisher	08/03/00	21567	100	3	100	9	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Trail Creek	Kingfisher	08/03/00	21567	100	3	100	9	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Trail Creek	Kingfisher	08/03/00	21567	100	3	100	9	28	3	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma

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104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	22	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	48	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	14	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Chisholm Creek	Logan	08/03/00	21570	100	1.5	100	6	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	15	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	1	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	11	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	11	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	6	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	7	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	12	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	13	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	1	231	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Smicridea
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	17	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	1	278	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Pisidium
104	Veg	Kiowa Creek	Beaver	07/25/00	21700	100	5	100	9	28	1	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella

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104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	116	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	8	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	8	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	5	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Beaver Creek	Logan	02/05/01	22425	100	5	100	15	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	2	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	1	88.2	ARTHROPODA	Insecta	Diptera	Chaoboridae	Chaoborus
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	71	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	9	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	3	122.7	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Acerpenna
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	23	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	1	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Veg	Otter Creek	Logan	02/05/01	22426	100	1	100	21	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	8	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	1	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	3	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	5	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	13	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	46	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	1	109.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Stratiomys
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	10	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	4	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Skeleton Creek	Garfield	02/05/01	22427	100	5	100	18	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	1	14	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Nais
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	4	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	77	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	16	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Trail Creek	Kingfisher	02/05/01	22428	100	1.5	50	2	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Kingfisher Creek	Kingfisher	02/05/01	22429	80	3	25	3	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Kingfisher Creek	Kingfisher	02/05/01	22429	80	3	25	3	28	101	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Kingfisher Creek	Kingfisher	02/05/01	22429	80	3	25	3	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Veg	Kingfisher Creek	Kingfisher	02/05/01	22429	80	3	25	3	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Kingfisher Creek	Kingfisher	02/05/01	22429	80	3	25	3	28	1	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Veg	Kingfisher Creek	Kingfisher	02/05/01	22429	80	3	25	3	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	8	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	4	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	57	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	31	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	1	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	1	192	ARTHROPODA	Insecta	Odonata	Libellulidae	

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	1	195	ARTHROPODA	Insecta	Odonata	Macromiinae	Macromia
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Chisholm Creek	Logan	02/06/01	22465	100	4	100	13	28	2	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	99	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	9	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Quartermaster Creek	Custer	2/22/2001	22699	100	3	50	3	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Washita River	Custer	02/22/01	22700	100	3	50	6	28	80	29.1	ARTHROPODA	Crustacea	Cladocera		
104	Veg	Washita River	Custer	02/22/01	22700	100	3	50	6	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Veg	Washita River	Custer	02/22/01	22700	100	3	50	6	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Washita River	Custer	02/22/01	22700	100	3	50	6	28	2	88.2	ARTHROPODA	Insecta	Diptera	Chaoboridae	Chaoborus
104	Veg	Washita River	Custer	02/22/01	22700	100	3	50	6	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Washita River	Custer	02/22/01	22700	100	3	50	6	28	35	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Washita River	Custer	02/22/01	22700	100	3	50	6	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Washita River	Custer	02/22/01	22700	100	3	50	6	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Veg	Washita River	Custer	02/22/01	22700	100	3	50	6	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Washita River	Custer	02/22/01	22700	100	3	50	6	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	52	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	5	29.1	ARTHROPODA	Crustacea	Cladocera		
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	5	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	11	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	4	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	7	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	2	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	4	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Otter Creek	Logan	07/16/01	23214	100	3	12.5	2	28	3	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	1	11.5	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Bratislavia
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	8	13	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Dero
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	5	16	ANNELIDA	Oligochaeta	Haplotaxida	Naididae	Pristina
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	1	18.1	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Aulodrilus
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	5	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	9	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	8	29.1	ARTHROPODA	Crustacea	Cladocera		
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	27	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	6	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	12	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	1	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	4	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Skeleton Creek	Garfield	07/16/01	23215	100	3	3.13	8	28	3	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	3	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	1	29.1	ARTHROPODA	Crustacea	Cladocera		
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	15	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	9	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	11	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	14	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	13	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis

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104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	7	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Trail Creek	Kingfisher	07/17/01	23216	100	3	25	3	28	12	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	5	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	2	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	13	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	10	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	1	231	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Smicridea
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	55	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Kiowa Creek	Beaver	07/17/01	23230	100	3	25	9	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	24	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	2	29.5	ARTHROPODA	Crustacea	Copepoda		
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	3	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	7	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	4	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	6	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	4	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	32	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	1	124	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Callibaetis
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	31	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	1	184	ARTHROPODA	Insecta	Odonata	Gomphidae	
104	Veg	Trail Creek	Dewey	07/17/01	23245	60	3	12.5	2	28	4	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	7	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	4	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	4	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	19	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	92	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	3	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Canadian River	Dewey	07/17/01	23247	75	4	25	2	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	6	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	6	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	1	74	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Laccobius

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104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	31	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	29	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Quartermaster Creek	Custer	07/19/01	23267	100	3	6.25	3	28	18	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	41	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	4	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	10	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	4	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	9	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	1	173.4	ARTHROPODA	Insecta	Odonata	Aeshnidae	Boyeria
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	5	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	2	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	1	235	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ithytrichia
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	4	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Barnitz Creek	Custer	07/19/01	23268	100	3	12.5	5	28	21	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia

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104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	62	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	1	166.5	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Chauliodes
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	31	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Beaver Creek	Custer	07/20/01	23274	100	3	25	4	28	20	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	4	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	5	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	8	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	25	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	4	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	6	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	2	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus

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104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	22	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Bear Creek	Custer	07/20/01	23275	60	3	50	4	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	5	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	10	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	17	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	1	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	1	130.1	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Brachycercus
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	9	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	3	137	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	6	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	8	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	5	159	ARTHROPODA	Insecta	Hemiptera	Veliidae	Rhagovelia
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	3	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	25	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Canadian River	Woodward	07/23/01	23281	100	3	12.5	7	28	12	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	7	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	4	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	7	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	10	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	5	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	4	70.5	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Cymbiodyta
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	4	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	2	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	8	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	1	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	1	184.1	ARTHROPODA	Insecta	Odonata	Gomphidae	Arigomphus
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	9	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	18	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	2	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Griever Creek	Major	07/23/01	23282	60	3	25	5	28	6	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	9	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	13	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	2	68	ARTHROPODA	Insecta	Coleoptera	Hydraenidae	Octhebius
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	5	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	23	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	6	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	28	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	3	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Veg	Traders Creek	Woodward	07/23/01	23283	60	3	25	8	28	7	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	11	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	68	ARTHROPODA	Insecta	Coleoptera	Hydraenidae	Octhebius
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	9	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	19	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	4	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	235	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ithytrichia
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	20	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Buffalo Creek, Harper Co.	Harper	07/23/01	23284	75	3	50	7	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	78	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	1	33.5	ARTHROPODA	Crustacea	Isopoda		
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	8	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	5	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea

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104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	5	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	13	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	1	111	ARTHROPODA	Insecta	Diptera	Tabanidae	Tabanus
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	1	152.6	ARTHROPODA	Insecta	Hemiptera	Belostomatidae	Lethocerus
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	1	155	ARTHROPODA	Insecta	Hemiptera	Gerridae	Rheumatobates
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	2	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	4	180	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Enallagma
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	1	190	ARTHROPODA	Insecta	Odonata	Gomphidae	Phyllogomphoides
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	4	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Red Creek	Dewey	07/24/01	23288	80	3	50	5	28	1	269.5	MOLLUSCA	Gastropoda	Basommatophora	Planorbidae	Helisoma
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	1	33.5	ARTHROPODA	Crustacea	Isopoda		
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	5	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	6	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	2	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	2	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	8	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	2	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	24	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	1	152.6	ARTHROPODA	Insecta	Hemiptera	Belostomatidae	Lethocerus
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	2	155.7	ARTHROPODA	Insecta	Hemiptera	Hebridae	Hebrus
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	13	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	6	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Wolf Creek	Woodward	07/26/01	23336	100	3	12.5	5	28	1	263.5	MOLLUSCA	Gastropoda	Basommatophora	Lymnaeidae	Fossaria
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	5	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	3	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	3	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	4	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	4	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	12	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	1	149	ARTHROPODA	Insecta	Ephemeroptera	Oligoneuriidae	Isonychia
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	11	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	6	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	7	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	3	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	6	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Buzzard Creek	Ellis	07/26/01	23337	50	3	25	10	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	10	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	2	30	ARTHROPODA	Crustacea	Decapoda	Astacidae	
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	43	ARTHROPODA	Insecta	Coleoptera	Chrysomelidae	
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	4	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	8	70.5	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Cymbiodyta
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	8	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	25	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	108	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Odontomyia
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	117.5	ARTHROPODA	Insecta	Diptera	Tipulidae	Limnophila
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	2	120	ARTHROPODA	Insecta	Diptera	Tipulidae	Tipula
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	137	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	4	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	152.5	ARTHROPODA	Insecta	Hemiptera	Belostomatidae	
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	4	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	4	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	1	184.1	ARTHROPODA	Insecta	Odonata	Gomphidae	Arigomphus
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	3	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	2	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Clear Creek, Harper Co.	Harper	07/26/01	23338	50	3	25	9	28	27	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	3	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	5	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus

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104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	8	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	1	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	14	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	4	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	28	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	1	159	ARTHROPODA	Insecta	Hemiptera	Veliidae	Rhagovelia
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	6	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Veg	Kiowa Creek	Harper	07/26/01	23339	75	3	50	2	28	18	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	43	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	1	48.1	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Coptotomus
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	1	49	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Uvarus
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	2	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	1	68	ARTHROPODA	Insecta	Coleoptera	Hydraenidae	Octhebius
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	3	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	3	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	1	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	4	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	1	109.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Stratiomys
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes

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104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	3	153	ARTHROPODA	Insecta	Hemiptera	Corixidae	
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	5	159	ARTHROPODA	Insecta	Hemiptera	Veliidae	Rhagovelia
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	6	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	11	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Veg	Beaver River	Harper	07/26/01	23340	75	3	50	9	28	19	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	4	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	11	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	26	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	9	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	1	137	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	5	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	1	155.7	ARTHROPODA	Insecta	Hemiptera	Hebridae	Hebrus
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	17	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	22	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Quartermaster Creek	Custer	07/27/00	19095	100	5	100	7	28	2	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	6	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	40	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	7	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	7	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	2	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina

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104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	6	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	18	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Barnitz Creek	Custer	07/27/00	19096	100	5	100	9	28	4	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Washita River	Custer	07/27/00	19097	100	5	25	7	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Washita River	Custer	07/27/00	19097	100	5	25	7	28	15	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Washita River	Custer	07/27/00	19097	100	5	25	7	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Woody	Washita River	Custer	07/27/00	19097	100	5	25	7	28	8	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Washita River	Custer	07/27/00	19097	100	5	25	7	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Washita River	Custer	07/27/00	19097	100	5	25	7	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Washita River	Custer	07/27/00	19097	100	5	25	7	28	92	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Washita River	Custer	07/27/00	19097	100	5	25	7	28	1	230	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Potamyia
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	47	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	7	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	5	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	9	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	1	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	1	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	1	187	ARTHROPODA	Insecta	Odonata	Gomphidae	Gomphus
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	4	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Bear Creek	Custer	07/27/00	19098	100	5	100	9	28	1	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	12	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	6	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	15	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	2	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	3	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	1	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	39	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	35	231	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Smicridea
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	7	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Kiowa Creek	Harper	07/25/00	19119	100	5	100	8	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	69.5	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Anacaena
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	6	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	14	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	127.5	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Labiobaetis
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	5	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	12	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	7	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	9	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	7	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	18	231	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Smicridea
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	7	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Clear Creek, Harper Co.	Harper	07/25/00	19120	100	5	100	15	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	2	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	12	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	9	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	11	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	12	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	1	115.7	ARTHROPODA	Insecta	Diptera	Tipulidae	Geranomyia
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	6	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	20	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	19	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Buffalo Creek, Harper Co.	Harper	08/01/00	19167	100	5	100	7	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	1	3.7	ANNELIDA	Hirudinea	Pharyngobdellida	Erpobdellidae	Mooreobdella
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	5	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	7	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	28	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	5	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	32	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	10	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	2	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Washita River	Roger Mills	07/31/00	19170	100	5	100	11	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	2	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	6	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	2	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	2	88.05	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Palpomyia
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	16	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	6	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	13	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	3	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	11	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	1	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	3	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	8	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	12	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Trail Creek	Dewey	07/31/00	19174	100	5	100	28	28	5	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	63	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	9	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	13	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	3	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	1	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	5	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	5	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Kingfisher Creek	Kingfisher	08/03/00	21566	100	5	100	11	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	1	26	ARTHROPODA	Crustacea	Amphipoda		
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	76	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	8	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	1	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	55	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Trail Creek	Kingfisher	08/03/00	21567	100	5	100	11	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	3	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	32	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	1	63	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Gyretes
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	13	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	2	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	15	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Cottonwood Creek, Logan Co.	Logan	08/03/00	21568	100	5	100	8	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Woody	Deer Creek, Greer Co.	Logan	08/03/00	21569	25	5	100	28	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Deer Creek, Greer Co.	Logan	08/03/00	21569	25	5	100	28	28	18	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Deer Creek, Greer Co.	Logan	08/03/00	21569	25	5	100	28	28	35	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

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104	Woody	Deer Creek, Greer Co.	Logan	08/03/00	21569	25	5	100	28	28	10	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Deer Creek, Greer Co.	Logan	08/03/00	21569	25	5	100	28	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Deer Creek, Greer Co.	Logan	08/03/00	21569	25	5	100	28	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Deer Creek, Greer Co.	Logan	08/03/00	21569	25	5	100	28	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Deer Creek, Greer Co.	Logan	08/03/00	21569	25	5	100	28	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Deer Creek, Greer Co.	Logan	08/03/00	21569	25	5	100	28	28	6	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Deer Creek, Greer Co.	Logan	08/03/00	21569	25	5	100	28	28	29	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Chisholm Creek	Logan	08/03/00	21570	100	5	25	10	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Chisholm Creek	Logan	08/03/00	21570	100	5	25	10	28	15	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Chisholm Creek	Logan	08/03/00	21570	100	5	25	10	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Chisholm Creek	Logan	08/03/00	21570	100	5	25	10	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Chisholm Creek	Logan	08/03/00	21570	100	5	25	10	28	91	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Chisholm Creek	Logan	08/03/00	21570	100	5	25	10	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	53	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	3	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	12	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	28	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	1	235.5	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ochrotrichia
104	Woody	Persimmon Creek	Woodward	08/01/00	21656	100	5	100	6	28	2	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Stillwater Creek	Payne	02/05/01	22424	90	5	100	11	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Stillwater Creek	Payne	02/05/01	22424	90	5	100	11	28	103	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Stillwater Creek	Payne	02/05/01	22424	90	5	100	11	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Stillwater Creek	Payne	02/05/01	22424	90	5	100	11	28	3	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Woody	Beaver Creek	Logan	02/05/01	22425	100	5	100	4	28	1	48	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Agabus
104	Woody	Beaver Creek	Logan	02/05/01	22425	100	5	100	4	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Beaver Creek	Logan	02/05/01	22425	100	5	100	4	28	2	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Woody	Beaver Creek	Logan	02/05/01	22425	100	5	100	4	28	80	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Beaver Creek	Logan	02/05/01	22425	100	5	100	4	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Beaver Creek	Logan	02/05/01	22425	100	5	100	4	28	20	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Beaver Creek	Logan	02/05/01	22425	100	5	100	4	28	16	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Beaver Creek	Logan	02/05/01	22425	100	5	100	4	28	2	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Woody	Beaver Creek	Logan	02/05/01	22425	100	5	100	4	28	3	198	ARTHROPODA	Insecta	Plecoptera	Capniidae	Allocapnia
104	Woody	Beaver Creek	Logan	02/05/01	22425	100	5	100	4	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	14	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	73	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	4	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	8	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	3	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	1	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Otter Creek	Logan	02/05/01	22426	50	5	50	6	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	5	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	74	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	13	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	1	137	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	1	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Trail Creek	Kingfisher	02/05/01	22428	100	5	50	3	28	8	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Cottonwood Creek, Logan Co.	Logan	02/06/01	22463	35	5	50	5	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Cottonwood Creek, Logan Co.	Logan	02/06/01	22463	35	5	50	5	28	94	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

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104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	19	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	34	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	9	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	12	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	9	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	8	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	9	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Deer Creek, Greer Co.	Logan	02/06/01	22464	25	5	100	10	28	1	252	ARTHROPODA	Insecta	Trichoptera	Polycentropodidae	Polycentropus
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	4	19	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Limnodrilus
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	4	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	1	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	10	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	81	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	1	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	6	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	1	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Woody	Chisholm Creek	Logan	02/06/01	22465	75	5	100	21	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	123	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	2	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	1	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	104	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	1	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Shell Creek	Canadian	02/06/01	22468	33	5	100	10	28	1	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	1	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	1	83.6	ARTHROPODA	Insecta	Collembola	Isotomidae	Isotomurus
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	19	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	78	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	16	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	1	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Quartermaster Creek	Custer	2/22/2001	22699	100	5	100	6	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Washita River	Custer	02/22/01	22700	100	5	100	25	28	9	29.1	ARTHROPODA	Crustacea	Cladocera		
104	Woody	Washita River	Custer	02/22/01	22700	100	5	100	25	28	13	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Washita River	Custer	02/22/01	22700	100	5	100	25	28	72	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Washita River	Custer	02/22/01	22700	100	5	100	25	28	2	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Washita River	Custer	02/22/01	22700	100	5	100	25	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Washita River	Custer	02/22/01	22700	100	5	100	25	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Washita River	Custer	02/22/01	22700	100	5	100	25	28	15	104	ARTHROPODA	Insecta	Diptera	Simuliidae	Simulium
104	Woody	Washita River	Custer	02/22/01	22700	100	5	100	25	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Washita River	Custer	02/22/01	22700	100	5	100	25	28	1	161	ARTHROPODA	Insecta	Lepidoptera	Pyralidae	
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	1	9	ANNELIDA	Oligochaeta	Haplotaxida	Lumbricidae	
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	1	87	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	22	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	1	109.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Stratiomys
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	1	128.8	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Procloeon
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia

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104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	43	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Beaver Creek	Logan	07/16/01	23213	100	5	25	20	28	12	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	3	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	5	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	30	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	9	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	2	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	2	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	6	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	40	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	3	237.5	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Ceraclea
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	1	247	ARTHROPODA	Insecta	Trichoptera	Philopotamidae	Chimarra
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	2	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Otter Creek	Logan	07/16/01	23214	100	5	25	13	28	1	285.5	PLATYHELMINTHES	Turbellaria	Tricladida	Planariidae	Dugesia
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	3	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	1	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	9	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	5	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	24	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	8	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	31	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	4	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	3	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	3	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	2	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Woody	Trail Creek	Kingfisher	07/17/01	23216	100	5	12.5	10	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	48	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	33	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	3	93	ARTHROPODA	Insecta	Diptera	Chironomidae	Pseudochironomi
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	2	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	5	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	3	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Kingfisher Creek	Kingfisher	07/16/01	23217	100	5	12.5	4	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	1	18.2	ANNELIDA	Oligochaeta	Haplotaxida	Tubificidae	Branchiura
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	43	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	2	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	30	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	12	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	27	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	1	139	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Leucrocuta
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	16	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron

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104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	1	170	ARTHROPODA	Insecta	Megaloptera	Sialidae	Sialis
104	Woody	Cottonwood Creek, Logan Co.	Logan	07/16/01	23242	100	5	100	3	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	16	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	2	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	6	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	2	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	66	ARTHROPODA	Insecta	Coleoptera	Haliplidae	Peltodytes
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	2	70	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Berosus
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	3	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	2	75	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Paracymus
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	87.6	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Bezzia
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	3	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	88.07	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Stilobezzia
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	2	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	25	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	109.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Stratiomys
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	110.5	ARTHROPODA	Insecta	Diptera	Tabanidae	Chrysops
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	3	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	15	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	2	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	184	ARTHROPODA	Insecta	Odonata	Gomphidae	
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	195	ARTHROPODA	Insecta	Odonata	Macromiinae	Macromia
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	235	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Ithytrichia
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	5	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Trail Creek	Dewey	07/17/01	23245	90	5	25	5	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	1	68	ARTHROPODA	Insecta	Coleoptera	Hydraenidae	Octhebius
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	1	88	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Forcipomyia
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	37	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	11	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	13	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	4	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	2	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	24	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	1	152.8	ARTHROPODA	Insecta	Hemiptera	Cicadellidae	
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	2	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	2	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Washita River	Roger Mills	07/19/01	23265	90	5	50	3	28	4	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	4	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	13	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	50	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	2	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	2	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	12	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	5	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	25	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Quartermaster Creek	Custer	07/19/01	23267	100	5	25	9	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	7	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella

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104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	11	54	ARTHROPODA	Insecta	Coleoptera	Elmidae	Dubiraphia
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	16	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	1	76	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Tropisternus
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	16	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	29	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	5	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	3	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	9	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	9	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	6	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Barnitz Creek	Custer	07/19/01	23268	100	5	25	5	28	1	267	MOLLUSCA	Gastropoda	Basommatophora	Physidae	Physella
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	2	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	2	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	28	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	1	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	3	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	7	123	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Baetis
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	3	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	10	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	3	179	ARTHROPODA	Insecta	Odonata	Coenagrionidae	Argia
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	30	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	15	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	1	234	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Hydroptila
104	Woody	Bois d'Arc Creek	Kay	07/19/01	23270	100	3	100	19	28	1	235.3	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Neotrichia
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	17	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis

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104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	1	62	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Dineutus
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	1	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	27	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	1	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	1	235.3	ARTHROPODA	Insecta	Trichoptera	Hydroptilidae	Neotrichia
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	8	275	MOLLUSCA	Pelecypoda	Veneroida	Corbiculidae	Corbicula
104	Woody	Bitter Creek	Kay	07/19/01	23272	100	5	100	6	28	41	279	MOLLUSCA	Pelecypoda	Veneroida	Sphaeriidae	Sphaerium
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	1	28	ARTHROPODA	Crustacea	Amphipoda	Talitridae	Hyalella
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	4	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	3	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	8	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	3	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	2	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	24	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	2	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	2	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	1	146	ARTHROPODA	Insecta	Ephemeroptera	Leptophlebiidae	Neochoroterpes
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	4	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	7	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Washita River	Custer	07/20/01	23273	100	5	25	2	28	45	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	4	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	1	63	ARTHROPODA	Insecta	Coleoptera	Gyrinidae	Gyretes
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	1	83.2	ARTHROPODA	Insecta	Coleoptera	Staphylinidae	
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	1	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	1	88	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Forcipomyia
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	87	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	3	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae

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104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	6	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	2	99	ARTHROPODA	Insecta	Diptera	Empididae	Hemerodromia
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	1	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	1	166.5	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Chauliodes
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	4	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Beaver Creek	Custer	07/20/01	23274	90	5	25	5	28	6	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	51	ARTHROPODA	Insecta	Coleoptera	Dytiscidae	Laccophilus
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	71	ARTHROPODA	Insecta	Coleoptera	Hydrophilidae	Enochrus
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	87.75	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Dasyhelea
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	46	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	4	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	109.5	ARTHROPODA	Insecta	Diptera	Stratiomyidae	Stratiomys
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	7	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	31	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	8	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	2	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	2	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Bear Creek	Custer	07/20/01	23275	100	5	25	5	28	3	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	9	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	1	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	3	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	24	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	3	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	22	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	4	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	2	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	4	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	51	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Canadian River	Woodward	07/23/01	23281	50	5	25	3	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	6	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	3	57	ARTHROPODA	Insecta	Coleoptera	Elmidae	Macronychus
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	6	60	ARTHROPODA	Insecta	Coleoptera	Elmidae	Stenelmis
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	1	67.5	ARTHROPODA	Insecta	Coleoptera	Hydraenidae	Hydraena
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	1	72	ARTHROPODA	Insecta	Coleoptera	Helophoridae	Helophorus
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	1	73	ARTHROPODA	Insecta	Coleoptera	Hydrochidae	Hydrochus
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	1	83	ARTHROPODA	Insecta	Coleoptera	Scirtidae	Scirtes
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	7	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	2	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	5	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	2	130.1	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Brachycercus
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	5	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	3	138	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Heptagenia
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	11	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	17	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	8	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	14	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	1	177	ARTHROPODA	Insecta	Odonata	Calopterygidae	Hetaerina
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	12	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Sandy Creek	Alfalfa	07/23/01	23319	100	5	100	4	28	3	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche

OCC Task	Sample Type	SiteName	County	Date	SAMPLEID	% Sample Collected	Effort (sq m for riffle; minutes for veg and wood)	% Sample Picked	# Sqrs Picked	Tot Sqrs Picked	Number	RefNum	Phylum	Class	Order	Family	Genus
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	3	45	ARTHROPODA	Insecta	Coleoptera	Dryopidae	Helichus
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	79	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	1	87.5	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Atrichopogon
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	4	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	2	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	9	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	1	128	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Paracloeodes
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	1	141	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenacron
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	1	142	ARTHROPODA	Insecta	Ephemeroptera	Heptageniidae	Stenonema
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	7	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	6	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	2	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	1	186	ARTHROPODA	Insecta	Odonata	Gomphidae	Erpetogomphus
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	1	191	ARTHROPODA	Insecta	Odonata	Gomphidae	Progomphus
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	3	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Persimmon Creek	Woodward	07/26/01	23335	100	5	25	3	28	12	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	3	55	ARTHROPODA	Insecta	Coleoptera	Elmidae	Heterelmis
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	7	58	ARTHROPODA	Insecta	Coleoptera	Elmidae	Microcylloepus
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	1	88.06	ARTHROPODA	Insecta	Diptera	Ceratopogonidae	Probezzia
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	3	90	ARTHROPODA	Insecta	Diptera	Chironomidae	Chironomini
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	2	92	ARTHROPODA	Insecta	Diptera	Chironomidae	Orthocladiinae
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	1	94	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanypodinae
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	1	95	ARTHROPODA	Insecta	Diptera	Chironomidae	Tanytarsini
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	11	126.6	ARTHROPODA	Insecta	Ephemeroptera	Baetidae	Fallceon
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	1	130.1	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Brachycercus
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	1	131	ARTHROPODA	Insecta	Ephemeroptera	Caenidae	Caenis
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	1	142.4	ARTHROPODA	Insecta	Ephemeroptera	Isonychiidae	Isonychia
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	3	151	ARTHROPODA	Insecta	Ephemeroptera	Tricorythidae	Tricorythodes
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	1	167	ARTHROPODA	Insecta	Megaloptera	Corydalidae	Corydalus
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	1	228	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Cheumatopsyche
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	61	229	ARTHROPODA	Insecta	Trichoptera	Hydropsychidae	Hydropsyche
104	Woody	Wolf Creek	Woodward	07/26/01	23336	100	5	12.5	3	28	1	238	ARTHROPODA	Insecta	Trichoptera	Leptoceridae	Nectopsyche

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
90	Roaring Creek	02/08/00	Riffle	CGP	13	152	1418.67	6.50	5.61	0.00	0.01	0.00	0.98	0.73	0.03	0.38	0.02	1	0.40	2.37
90	Roaring Creek	02/08/00	Vegetation	CGP	10	94	350.93	6.38	5.38	0.67	0.10	0.00	0.89	0.78	0.03	0.33	0.02	2	0.66	1.90
90	Roaring Creek	02/08/00	Woody	CGP	10	99	115.50	6.06	4.82	0.43	0.07	0.00	0.92	0.87	0.01	1.00	0.01	1	0.75	1.46
90	Roaring Creek	07/20/00	Riffle	CGP	12	100	414.81	6.50	5.17	0.33	0.03	0.00	0.94	0.80	0.17	0.27	0.16	4	0.43	2.50
90	Roaring Creek	07/20/00	Vegetation	CGP	10	103	137.33	7.20	5.64	0.00	0.00	0.00	0.91	0.80	0.12	0.15	0.11	3	0.58	2.10
90	Roaring Creek	02/07/01	Riffle	CGP	13	102	476.00	6.03	4.99	0.00	0.07	0.00	0.90	0.77	0.10	0.75	0.09	1	0.69	1.85
90	Roaring Creek	02/07/01	Vegetation	CGP	9	113	105.47	6.10	5.40	0.14	0.16	0.00	0.84	0.50	0.35	0.97	0.27	2	0.47	2.28
90	Roaring Creek	02/07/01	Woody	CGP	9	104	20.80	5.98	4.98	0.14	0.03	0.00	0.95	0.72	0.23	0.96	0.21	3	0.69	1.65
90	Roaring Creek	07/25/01	Riffle	CGP	19	150	3733.33	5.75	5.51	0.11	0.13	0.01	0.75	0.52	0.31	0.40	0.23	4	0.35	3.06
90	Roaring Creek	07/25/01	Vegetation	CGP	17	122	759.11	6.20	5.77	0.00	0.02	0.00	0.83	0.51	0.40	0.58	0.34	5	0.25	3.32
90	Roaring Creek	07/25/01	Woody	CGP	18	125	400.00	6.32	5.63	0.67	0.02	0.00	0.92	0.62	0.34	0.46	0.31	5	0.37	2.90
90	Laflin Creek	02/08/00	Vegetation	COTP	15	99	123.20	6.10	5.37	0.37	0.18	0.00	0.76	0.59	0.23	0.85	0.17	3	0.24	3.15
90	Laflin Creek	02/08/00	Woody	COTP	13	102	63.47	5.97	4.96	0.03	0.32	0.01	0.65	0.56	0.14	0.53	0.09	3	0.29	2.67
90	Laflin Creek	07/20/00	Vegetation	COTP	9	83	46.48	6.92	5.48	0.00	0.00	0.00	0.87	0.75	0.19	0.21	0.18	4	0.66	1.82
90	Laflin Creek	02/07/01	Woody	COTP	5	103	230.72	6.07	5.00	0.00	0.00	0.00	0.98	0.84	0.14	0.82	0.14	2	0.82	0.94
90	Laflin Creek	07/25/01	Vegetation	COTP	23	122	569.33	5.04	5.48	0.10	0.16	0.01	0.60	0.15	0.78	0.91	0.51	8	0.20	3.92
90	Laflin Creek	07/25/01	Woody	COTP	21	126	141.12	5.55	5.09	0.10	0.17	0.00	0.63	0.39	0.49	0.56	0.38	9	0.30	3.48
90	Winter Creek	02/08/00	Riffle	COTP	16	96	149.33	5.18	5.05	0.02	0.29	0.01	0.51	0.49	0.18	0.91	0.10	4	0.34	3.09
90	Winter Creek	02/08/00	Vegetation	COTP	15	121	282.33	6.08	4.90	0.20	0.02	0.00	0.86	0.82	0.02	1.00	0.02	2	0.70	1.83
90	Winter Creek	07/20/00	Riffle	COTP	12	103	106.81	4.58	5.00	0.50	0.14	0.00	0.81	0.21	0.75	0.86	0.65	3	0.35	2.80
90	Winter Creek	07/20/00	Vegetation	COTP	14	108	100.80	6.53	5.73	1.00	0.05	0.00	0.93	0.65	0.29	0.39	0.27	6	0.42	2.86
90	Winter Creek	02/07/01	Vegetation	COTP	8	119	370.22	6.29	5.26	1.00	0.00	0.00	0.99	0.74	0.21	0.96	0.20	2	0.71	1.37
90	Winter Creek	02/07/01	Woody	COTP	5	102	142.80	6.02	4.68	0.00	0.00	0.00	0.99	0.92	0.08	1.00	0.08	3	0.90	0.62
90	Winter Creek	07/25/01	Riffle	COTP	20	130	1941.33	5.10	4.87	0.33	0.05	0.03	0.80	0.35	0.46	0.59	0.30	5	0.21	3.47
90	Rush Creek	02/08/00	Riffle	COTP	12	110	513.33	5.86	4.80	0.00	0.24	0.00	0.72	0.66	0.09	0.88	0.06	3	0.52	2.11
90	Rush Creek	02/07/01	not sampled	COTP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Rush Creek	07/20/00	Vegetation	COTP	13	117	93.60	6.24	5.14	0.65	0.07	0.00	0.87	0.81	0.14	0.36	0.13	5	0.47	2.43
90	Rush Creek	07/25/01	Riffle	COTP	16	121	903.47	5.40	5.11	0.45	0.05	0.00	0.67	0.51	0.24	0.45	0.17	4	0.21	3.17
90	Rush Creek	07/25/01	Vegetation	COTP	21	115	306.67	4.95	5.81	0.85	0.06	0.01	0.65	0.13	0.81	0.93	0.56	6	0.41	3.28
90	Rush Creek	07/25/01	Woody	COTP	16	127	284.48	4.70	5.28	0.00	0.02	0.00	0.89	0.20	0.79	0.85	0.73	5	0.68	1.93
90	Bitter Creek	02/03/00	Riffle	CGP	8	129	1003.33	6.03	5.01	0.01	0.29	0.00	0.69	0.64	0.01	1.00	0.01	1	0.59	1.63
90	Bitter Creek	07/20/00	Riffle	CGP	15	126	130.67	6.92	5.50	0.20	0.06	0.00	0.87	0.79	0.15	0.19	0.14	6	0.60	2.26

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
90	Bitter Creek	07/20/00	Woody	CGP	19	139	111.20	5.71	5.26	0.53	0.14	0.00	0.79	0.39	0.55	0.69	0.47	7	0.25	3.35
90	Bitter Creek	03/07/01	Vegetation	CGP	9	104	485.33	6.70	6.66	0.00	0.00	0.00	0.99	0.24	0.74	1.00	0.70	2	0.67	1.48
90	Bitter Creek	07/26/01	Vegetation	CGP	14	100	466.67	6.06	6.24	0.71	0.04	0.00	0.85	0.40	0.53	0.56	0.46	5	0.36	2.60
90	Bitter Creek	07/26/01	Woody	CGP	12	203	1515.73	6.90	5.61	0.20	0.01	0.00	0.95	0.72	0.26	0.28	0.25	6	0.65	1.68
90	Little Washita River, Grady Co.	02/07/00	Riffle	CGP	10	111	518.00	6.02	4.79	0.05	0.17	0.00	0.82	0.80	0.01	0.50	0.01	1	0.77	1.24
90	Little Washita River, Grady Co.	07/20/00	Riffle	CGP	15	127	948.27	6.49	5.25	0.00	0.13	0.00	0.84	0.81	0.07	0.14	0.06	6	0.39	2.62
90	Little Washita River, Grady Co.	02/07/01	Woody	CGP	7	26	5.20	5.92	5.03	0.00	0.04	0.00	0.92	0.77	0.17	1.00	0.15	2	0.69	1.63
90	Little Washita River, Grady Co.	07/26/01	Riffle	CGP	13	185	5116.05	6.80	5.28	0.00	0.10	0.00	0.86	0.85	0.10	0.14	0.10	3	0.58	1.94
90	Little Washita River, Caddo Co.	02/07/00	Riffle	CGP	14	128	597.33	6.12	5.31	0.15	0.29	0.00	0.68	0.52	0.07	0.83	0.04	2	0.48	2.45
90	Little Washita River, Caddo Co.	02/07/00	Woody	CGP	11	105	81.67	5.91	4.80	0.00	0.18	0.00	0.82	0.73	0.08	1.00	0.07	3	0.70	1.56
90	Little Washita River, Caddo Co.	07/21/00	Riffle	CGP	17	152	1418.67	4.36	5.33	0.01	0.59	0.00	0.38	0.09	0.81	0.88	0.38	4	0.47	2.35
90	Little Washita River, Caddo Co.	02/06/01	Riffle	CGP	9	119	185.11	6.07	4.86	0.20	0.02	0.00	0.97	0.84	0.11	1.00	0.10	1	0.82	1.05
90	Little Washita River, Caddo Co.	02/06/01	Vegetation	CGP	6	123	63.78	6.11	4.83	0.00	0.01	0.00	0.98	0.88	0.08	1.00	0.08	2	0.88	0.76
90	Little Washita River, Caddo Co.	02/06/01	Woody	CGP	6	139	111.20	6.17	5.10	1.00	0.00	0.00	0.99	0.78	0.20	1.00	0.19	2	0.78	0.96
90	Little Washita River, Caddo Co.	07/26/01	Riffle	CGP	20	131	1086.81	5.27	5.22	0.03	0.24	0.00	0.54	0.34	0.25	0.34	0.11	3	0.22	3.57
90	Little Washita River, Caddo Co.	07/26/01	Vegetation	CGP	17	102	238.00	6.37	6.29	0.56	0.18	0.00	0.67	0.37	0.21	0.43	0.10	1	0.17	3.60
90	Little Washita River, Caddo Co.	07/26/01	Woody	CGP	22	110	152.10	5.93	5.73	0.11	0.34	0.01	0.58	0.45	0.18	0.23	0.10	4	0.33	3.14
90	Washita River # 466	03/01/00	Woody	CGP	8	100	969.70	5.98	4.79	0.00	0.18	0.00	0.81	0.80	0.05	0.50	0.04	1	0.64	1.78
90	Washita River # 466	08/01/00	Woody	CGP	18	145	203.00	4.83	4.53	0.00	0.39	0.00	0.51	0.30	0.66	0.89	0.60	8	0.38	2.95
90	Washita River # 466	02/14/01	not sampled	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Washita River # 466	07/18/01	Woody	CGP	15	108	120.96	5.30	4.99	0.02	0.28	0.00	0.67	0.33	0.63	0.67	0.56	6	0.27	2.97
90	Willow Creek	02/08/00	Vegetation	CGP	16	87	67.67	6.40	5.68	0.69	0.07	0.00	0.83	0.71	0.05	0.75	0.03	2	0.36	2.93
90	Willow Creek	07/27/00	Vegetation	CGP	12	109	203.47	6.81	5.81	0.37	0.16	0.00	0.79	0.79	0.05	0.09	0.05	2	0.45	2.47
90	Willow Creek	07/27/00	Woody	CGP	11	110	94.77	6.49	5.74	0.06	0.28	0.00	0.67	0.66	0.11	0.15	0.08	1	0.47	2.37
90	Willow Creek	02/14/01	Vegetation	CGP	17	105	490.00	6.15	5.32	0.50	0.08	0.00	0.87	0.72	0.10	0.80	0.08	2	0.39	2.91
90	Willow Creek	02/14/01	Woody	CGP	11	123	137.76	6.22	5.17	0.13	0.13	0.00	0.86	0.77	0.05	0.42	0.04	3	0.61	2.10
90	Willow Creek	07/18/01	Riffle	CGP	16	118	881.07	5.12	5.83	0.13	0.53	0.03	0.37	0.31	0.35	0.63	0.17	5	0.36	3.13
90	Willow Creek	07/18/01	Vegetation	CGP	21	126	1568.00	7.33	6.71	0.68	0.25	0.00	0.56	0.43	0.27	0.34	0.16	4	0.30	3.38
90	West Mud Creek	03/01/00	No flow	COTP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	West Mud Creek	07/20/00	No flow	COTP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	West Mud Creek	03/12/01	Vegetation	COTP	8	194	388.00	6.02	4.99	0.02	0.50	0.01	0.49	0.48	0.00	0.00	0.00	0	0.49	1.28
90	West Mud Creek	03/12/01	Woody	COTP	3	215	107.50	6.00	4.98	0.01	0.58	0.00	0.42	0.42	0.00	0.00	0.00	0	0.58	1.02

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
90	West Mud Creek	07/16/01	No flow	COTP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Dry Creek	02/08/00	Vegetation	COTP	9	109	141.30	5.86	6.22	0.09	0.43	0.00	0.53	0.51	0.00	0.00	0.00	0	0.47	1.93
90	Dry Creek	02/08/00	Woody	COTP	10	82	28.77	5.88	6.41	0.10	0.50	0.01	0.44	0.41	0.00	0.00	0.00	0	0.37	2.32
90	Dry Creek	07/20/00	Dry	COTP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Dry Creek	03/12/01	Vegetation	COTP	6	72	537.60	6.11	4.81	0.50	0.03	0.00	0.96	0.90	0.04	1.00	0.04	1	0.90	0.67
90	Dry Creek	03/12/01	Woody	COTP	2	106	107.93	6.00	4.58	0.00	0.08	0.00	0.92	0.92	0.00	0.00	0.00	0	0.92	0.39
90	Dry Creek	07/19/01	Woody	COTP	13	118	330.40	6.74	5.65	0.11	0.11	0.00	0.84	0.79	0.10	0.16	0.08	4	0.44	2.48
90	Whiskey Creek	02/07/00	Riffle	CGP	10	97	6437.93	5.87	5.13	0.00	0.70	0.00	0.28	0.21	0.23	1.00	0.06	2	0.69	1.64
90	Whiskey Creek	02/07/00	Woody	CGP	8	110	1026.67	5.81	5.06	0.01	0.61	0.01	0.37	0.31	0.19	1.00	0.07	2	0.60	1.77
90	Whiskey Creek	07/21/00	Riffle	CGP	17	116	309.33	5.76	5.29	0.04	0.30	0.01	0.63	0.59	0.17	0.35	0.12	4	0.24	3.04
90	Whiskey Creek	07/21/00	Woody	CGP	17	103	41.20	5.99	5.45	0.14	0.17	0.03	0.74	0.59	0.15	0.30	0.11	5	0.25	3.35
90	Whiskey Creek	02/06/01	Riffle	CGP	9	135	840.00	6.00	4.73	0.00	0.11	0.00	0.88	0.84	0.07	0.69	0.07	2	0.79	1.27
90	Whiskey Creek	02/06/01	Vegetation	CGP	7	123	60.42	6.11	4.75	1.00	0.03	0.00	0.96	0.94	0.02	0.67	0.02	1	0.92	0.61
90	Whiskey Creek	02/06/01	Woody	CGP	6	143	38.13	5.99	4.55	0.00	0.04	0.00	0.96	0.95	0.02	0.60	0.02	2	0.92	0.56
90	Whiskey Creek	07/26/01	Riffle	CGP	15	184	6106.07	5.56	5.70	0.00	0.48	0.02	0.49	0.42	0.11	0.13	0.05	5	0.46	2.05
90	Whiskey Creek	07/26/01	Vegetation	CGP	24	106	791.47	5.99	6.62	0.36	0.31	0.02	0.50	0.10	0.76	0.89	0.32	8	0.19	3.78
90	Whiskey Creek	07/26/01	Woody	CGP	15	104	179.20	5.11	5.91	0.07	0.58	0.01	0.35	0.30	0.23	0.32	0.09	5	0.54	2.33
90	Cottonwood Creek, Comanche Co.	02/07/00	Woody	CGP	10	107	49.93	6.11	4.92	0.00	0.25	0.00	0.74	0.71	0.05	0.36	0.04	2	0.58	1.89
90	Cottonwood Creek, Comanche Co.	08/01/00	problem	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Cottonwood Creek, Comanche Co.	02/06/01	Riffle	CGP	7	91	151.67	6.59	5.12	0.25	0.04	0.00	0.95	0.90	0.00	0.00	0.00	0	0.70	1.37
90	Cottonwood Creek, Comanche Co.	02/06/01	Woody	CGP	7	125	233.33	6.23	4.80	1.00	0.02	0.00	0.97	0.94	0.02	0.19	0.02	2	0.82	1.00
90	Cottonwood Creek, Comanche Co.	07/26/01	Vegetation	CGP	16	112	522.67	7.41	7.49	0.89	0.33	0.00	0.53	0.21	0.40	0.57	0.14	4	0.29	3.11
90	Cottonwood Creek, Comanche Co.	07/26/01	Woody	CGP	19	121	338.80	6.65	6.22	0.80	0.17	0.00	0.73	0.57	0.20	0.33	0.14	5	0.28	3.33
90	Tahoe Creek	02/07/00	Riffle	CGP	10	215	1204.00	6.25	5.43	0.95	0.18	0.03	0.77	0.72	0.05	1.00	0.04	2	0.70	1.51
90	Tahoe Creek	07/21/00	Riffle	CGP	15	141	526.40	6.46	5.51	0.12	0.12	0.00	0.64	0.62	0.14	0.15	0.10	4	0.55	2.39
90	Tahoe Creek	02/06/01	Riffle	CGP	9	124	231.47	5.37	4.71	0.00	0.01	0.05	0.75	0.69	0.16	1.00	0.13	4	0.69	1.63
90	Tahoe Creek	02/06/01	Vegetation	CGP	12	95	168.89	4.94	4.91	1.00	0.01	0.05	0.75	0.53	0.44	0.98	0.42	5	0.49	2.36
90	Tahoe Creek	07/26/01	Riffle	CGP	13	126	1447.38	5.62	6.30	0.79	0.11	0.00	0.63	0.07	0.88	1.00	0.55	3	0.39	2.80
90	Blue Beaver Creek	02/08/00	Riffle	CGP	16	66	82.50	5.46	5.18	0.00	0.00	0.02	0.75	0.71	0.04	0.50	0.03	2	0.45	2.87
90	Blue Beaver Creek	02/08/00	Vegetation	CGP	16	57	63.33	5.72	5.54	1.00	0.03	0.02	0.76	0.68	0.00	0.00	0.00	0	0.37	3.18
90	Blue Beaver Creek	02/08/00	Woody	CGP	21	91	108.89	5.62	4.84	0.60	0.03	0.00	0.82	0.77	0.07	0.71	0.05	4	0.36	2.92
90	Blue Beaver Creek	07/20/00	Riffle	CGP	18	173	403.67	6.76	5.88	0.00	0.08	0.00	0.78	0.72	0.02	0.03	0.02	2	0.53	2.58

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
90	Blue Beaver Creek	07/20/00	Vegetation	CGP	16	114	152.00	7.13	6.34	1.00	0.01	0.00	0.85	0.57	0.06	0.16	0.04	4	0.21	3.07
90	Blue Beaver Creek	07/20/00	Woody	CGP	8	98	21.95	7.04	5.41	0.00	0.00	0.00	0.89	0.84	0.11	0.15	0.10	2	0.59	1.92
90	Blue Beaver Creek	03/12/01	Riffle	CGP	9	142	662.67	5.90	4.55	0.00	0.00	0.00	0.96	0.94	0.04	0.55	0.04	4	0.87	0.94
90	Blue Beaver Creek	03/12/01	Vegetation	CGP	13	111	1036.00	5.84	4.76	1.00	0.01	0.00	0.92	0.86	0.09	0.75	0.08	3	0.75	1.67
90	Blue Beaver Creek	07/20/01	Riffle	CGP	20	114	59.11	5.03	5.32	0.17	0.33	0.01	0.35	0.11	0.78	0.88	0.37	3	0.20	3.70
90	Brush Creek	02/08/00	Woody	CGP	5	96	192.00	6.04	6.52	0.02	0.47	0.00	0.51	0.51	0.00	0.00	0.00	0	0.48	1.37
90	Brush Creek	07/20/00	No flow	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Brush Creek	03/12/01	Vegetation	CGP	5	128	2450.60	6.05	4.68	1.00	0.02	0.00	0.98	0.95	0.03	0.80	0.03	1	0.94	0.45
90	Brush Creek	07/16/01	No flow	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Stinking Creek	02/08/00	Riffle	CGP	6	119	2961.78	6.07	4.69	0.00	0.08	0.00	0.92	0.91	0.00	0.00	0.00	0	0.89	0.68
90	Stinking Creek	02/08/00	Woody	CGP	4	122	474.44	5.93	4.66	0.00	0.06	0.00	0.93	0.93	0.00	0.00	0.00	0	0.93	0.45
90	Stinking Creek	07/24/00	Vegetation	CGP	7	96	128.00	7.71	5.90	0.00	0.02	0.00	0.97	0.91	0.06	0.07	0.06	2	0.86	0.89
90	Stinking Creek	03/12/01	Riffle	CGP	6	129	1204.00	6.26	4.83	0.00	0.01	0.00	0.99	0.94	0.01	0.11	0.01	1	0.88	0.76
90	Stinking Creek	03/12/01	Vegetation	CGP	5	116	1665.64	6.25	4.78	1.00	0.01	0.00	0.99	0.96	0.03	0.20	0.03	1	0.85	0.79
90	Stinking Creek	03/12/01	Woody	CGP	2	123	1377.60	6.10	4.58	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0	0.95	0.28
90	Stinking Creek	07/20/01	Riffle	CGP	3	120	8960.00	4.68	6.17	0.00	0.83	0.00	0.16	0.16	0.00	0.00	0.00	0	0.83	0.70
90	Stinking Creek	07/20/01	Vegetation	CGP	9	85	34.00	6.67	6.10	0.17	0.28	0.00	0.62	0.56	0.09	0.10	0.06	1	0.53	2.09
90	Tepee Creek	02/08/00	not sampled	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Tepee Creek	07/25/00	Vegetation	CGP	10	67	22.33	6.48	5.61	0.00	0.00	0.00	0.76	0.72	0.06	0.15	0.04	3	0.25	2.69
90	Tepee Creek	07/25/00	Woody	CGP	9	97	55.43	7.38	5.69	0.00	0.00	0.01	0.91	0.87	0.03	0.04	0.03	2	0.71	1.61
90	Tepee Creek	03/13/01	No flow	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Tepee Creek	07/16/01	No flow	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	West Otter Creek	02/08/00	Riffle	CGP	9	141	877.33	6.28	5.45	0.00	0.65	0.00	0.33	0.26	0.00	0.00	0.00	0	0.65	1.51
90	West Otter Creek	02/08/00	Woody	CGP	6	124	514.37	5.98	4.99	0.02	0.58	0.00	0.40	0.40	0.04	0.67	0.02	1	0.57	1.25
90	West Otter Creek	07/20/00	No flow	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	West Otter Creek	03/12/01	Woody	CGP	13	87	17.40	5.99	5.06	0.00	0.02	0.00	0.87	0.74	0.15	0.73	0.13	4	0.69	1.91
90	West Otter Creek	07/20/01	Woody	CGP	21	123	98.40	6.67	5.64	0.73	0.21	0.00	0.74	0.68	0.20	0.24	0.17	8	0.54	2.64
90	Little Elk Creek	02/08/00	not sampled	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Little Elk Creek	07/25/00	Woody	CGP	7	113	100.44	7.59	5.69	0.00	0.00	0.00	0.97	0.94	0.05	0.05	0.04	2	0.86	0.90
90	Little Elk Creek	03/13/01	Vegetation	CGP	10	87	112.39	6.71	5.60	0.86	0.08	0.00	0.90	0.74	0.06	0.22	0.05	1	0.57	2.03
90	Little Elk Creek	03/13/01	Woody	CGP	8	30	168.00	6.30	5.22	1.00	0.02	0.00	0.88	0.73	0.19	0.56	0.17	2	0.57	2.06
90	Little Elk Creek	07/17/01	No flow	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
90	Turkey Creek	02/08/00	not sampled	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Turkey Creek	07/07/00	Riffle	CGP	14	100	583.33	4.67	5.62	0.00	0.70	0.00	0.21	0.15	0.44	0.55	0.12	3	0.57	2.40
90	Turkey Creek	07/07/00	Vegetation	CGP	17	104	173.33	5.63	5.94	0.02	0.27	0.00	0.62	0.22	0.50	0.79	0.22	5	0.24	3.30
90	Turkey Creek	07/07/00	Woody	CGP	17	105	39.20	5.05	5.23	0.05	0.28	0.00	0.69	0.39	0.44	0.74	0.30	6	0.24	3.19
90	Turkey Creek	02/16/01	Riffle	CGP	17	138	3434.67	5.77	4.79	0.54	0.05	0.00	0.88	0.76	0.06	0.50	0.05	4	0.51	2.46
90	Turkey Creek	02/16/01	Vegetation	CGP	9	131	1528.33	6.24	5.16	0.80	0.11	0.00	0.89	0.82	0.07	0.80	0.06	3	0.76	1.41
90	Turkey Creek	02/16/01	Woody	CGP	15	102	1464.62	5.83	4.72	0.64	0.05	0.00	0.93	0.77	0.11	0.71	0.10	3	0.60	2.31
90	Turkey Creek	07/19/01	Riffle	CGP	18	116	937.37	5.44	5.25	0.05	0.37	0.01	0.48	0.37	0.47	0.55	0.33	7	0.27	3.39
90	Turkey Creek	07/19/01	Vegetation	CGP	20	106	395.73	5.59	5.13	0.10	0.27	0.02	0.51	0.36	0.52	0.62	0.39	6	0.24	3.45
90	Turkey Creek	07/19/01	Woody	CGP	15	103	461.44	6.22	5.26	0.04	0.23	0.01	0.68	0.56	0.21	0.22	0.15	6	0.51	2.51
90	Salt Fork of the Red River	03/01/00	problem	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Salt Fork of the Red River	03/01/00	Woody	CGP	3	100	230.45	6.00	4.56	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0	0.96	0.27
90	Salt Fork of the Red River	07/25/00	Vegetation	CGP	7	100	93.33	5.94	5.53	0.00	0.00	0.00	0.96	0.95	0.03	0.38	0.03	2	0.79	1.15
90	Salt Fork of the Red River	07/25/00	Woody	CGP	14	104	104.00	6.31	5.31	0.00	0.20	0.00	0.72	0.64	0.14	0.23	0.11	3	0.35	2.97
90	Salt Fork of the Red River	03/13/01	Vegetation	CGP	10	130	404.44	6.13	4.92	1.00	0.02	0.01	0.96	0.90	0.02	0.15	0.02	2	0.74	1.48
90	Salt Fork of the Red River	03/13/01	Woody	CGP	11	113	31.64	6.04	4.71	0.00	0.00	0.00	0.94	0.90	0.06	0.32	0.05	2	0.65	1.84
90	Salt Fork of the Red River	07/17/01	Dry	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Bitter Creek	02/08/00	Vegetation	CGP	6	107	237.78	6.11	4.79	0.00	0.08	0.00	0.88	0.88	0.00	0.00	0.00	0	0.85	0.93
90	Bitter Creek	02/08/00	Woody	CGP	5	124	661.33	5.90	4.82	0.00	0.19	0.00	0.81	0.81	0.00	0.00	0.00	0	0.76	1.21
90	Bitter Creek	07/20/00	Vegetation	CGP	5	114	88.67	7.75	5.70	0.00	0.01	0.00	0.99	0.98	0.01	0.01	0.01	1	0.88	0.70
90	Bitter Creek	07/20/00	Woody	CGP	6	79	26.33	7.51	6.30	0.00	0.15	0.00	0.68	0.66	0.00	0.00	0.00	0	0.65	1.49
90	Bitter Creek	03/13/01	Vegetation	CGP	8	114	1418.67	6.85	5.30	0.00	0.00	0.00	0.90	0.87	0.07	0.13	0.06	2	0.42	1.96
90	Bitter Creek	03/13/01	Woody	CGP	6	101	161.60	7.09	5.32	0.00	0.01	0.00	0.94	0.94	0.01	0.02	0.01	1	0.50	1.41
90	Bitter Creek	07/20/01	Vegetation	CGP	14	85	33.06	7.42	6.33	0.43	0.08	0.02	0.75	0.67	0.11	0.11	0.08	4	0.64	2.14
90	Bitter Creek	07/20/01	Woody	CGP	9	108	149.33	7.53	5.80	0.11	0.04	0.00	0.92	0.92	0.00	0.00	0.00	0	0.80	1.26
90	Cave Creek	03/01/00	Riffle	CGP	16	94	674.87	5.05	5.00	0.04	0.13	0.00	0.66	0.48	0.21	1.00	0.13	3	0.32	3.35
90	Cave Creek	03/01/00	Woody	CGP	11	84	248.89	5.83	4.69	0.00	0.15	0.00	0.82	0.61	0.09	0.38	0.06	2	0.31	2.83
90	Cave Creek	07/20/00	Riffle	CGP	21	261	2030.00	3.60	4.07	0.03	0.15	0.00	0.72	0.16	0.77	0.97	0.54	4	0.46	2.99
90	Cave Creek	07/20/00	Vegetation	CGP	13	103	96.13	4.91	4.54	0.20	0.05	0.00	0.88	0.46	0.47	0.87	0.40	5	0.23	3.14
90	Cave Creek	07/20/00	Woody	CGP	14	131	366.80	7.18	6.80	0.13	0.06	0.00	0.90	0.31	0.07	0.60	0.02	2	0.56	2.19
90	Cave Creek	03/13/01	Riffle	CGP	14	142	8835.56	4.82	4.23	0.00	0.08	0.00	0.87	0.36	0.47	0.96	0.32	2	0.29	2.95
90	Cave Creek	03/13/01	Vegetation	CGP	17	113	468.74	7.37	7.46	0.84	0.23	0.00	0.70	0.09	0.72	0.93	0.23	1	0.33	2.90

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
90	Cave Creek	03/13/01	Woody	CGP	13	102	456.96	6.07	5.00	0.96	0.13	0.01	0.85	0.70	0.07	0.45	0.05	3	0.63	2.08
90	Cave Creek	07/20/01	Riffle	CGP	18	133	1527.79	4.23	4.15	0.03	0.15	0.00	0.68	0.09	0.72	0.97	0.23	4	0.35	3.15
90	Deer Creek @County Road	03/01/00	Woody	CGP	21	98	112.92	5.60	5.41	0.57	0.07	0.00	0.71	0.49	0.27	0.49	0.18	4	0.19	3.85
90	Deer Creek @County Road	07/25/00	Riffle	CGP	20	108	1344.00	4.40	5.56	0.03	0.31	0.00	0.26	0.16	0.32	0.47	0.07	5	0.28	3.32
90	Deer Creek @County Road	07/25/00	Woody	CGP	16	118	145.23	4.80	5.24	0.00	0.37	0.00	0.50	0.25	0.09	0.20	0.03	2	0.36	3.00
90	Deer Creek @County Road	03/13/01	Woody	CGP	16	147	1097.60	5.57	4.80	1.00	0.05	0.01	0.85	0.46	0.22	0.42	0.13	2	0.18	3.37
90	Deer Creek @County Road	07/17/01	not sampled	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Fish Creek	03/01/00	Riffle	SWT	15	122	175.18	6.10	5.26	0.67	0.02	0.00	0.93	0.67	0.09	0.67	0.07	2	0.42	2.69
90	Fish Creek	03/01/00	Vegetation	SWT	18	110	103.70	6.50	5.84	0.67	0.08	0.00	0.82	0.53	0.11	0.70	0.06	2	0.40	2.96
90	Fish Creek	07/27/00	Vegetation	SWT	11	98	60.98	6.82	6.42	0.22	0.09	0.00	0.71	0.38	0.00	0.00	0.00	0	0.33	2.59
90	Fish Creek	02/16/01	Vegetation	SWT	3	103	640.89	6.02	4.60	0.00	0.00	0.00	0.97	0.97	0.00	0.00	0.00	0	0.96	0.27
90	Fish Creek	07/19/01	not sampled	SWT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	North Elm Creek	03/01/00	Riffle	SWT	14	109	406.93	5.19	4.96	0.00	0.08	0.00	0.68	0.62	0.01	0.33	0.01	1	0.32	2.94
90	North Elm Creek	03/01/00	Vegetation	SWT	17	79	307.22	5.59	5.65	0.93	0.17	0.14	0.41	0.29	0.34	0.92	0.15	3	0.24	3.43
90	North Elm Creek	03/01/00	Woody	SWT	14	89	141.99	5.48	4.74	0.20	0.03	0.01	0.80	0.72	0.07	0.56	0.06	2	0.57	2.34
90	North Elm Creek	07/27/00	Riffle	SWT	9	127	1128.89	4.06	5.90	0.00	0.63	0.00	0.04	0.02	0.00	0.00	0.00	0	0.63	1.78
90	North Elm Creek	07/27/00	Vegetation	SWT	11	101	149.63	4.02	5.91	0.01	0.68	0.00	0.09	0.07	0.13	1.00	0.01	1	0.67	1.81
90	North Elm Creek	07/27/00	Woody	SWT	12	100	28.00	4.61	5.53	0.00	0.48	0.00	0.29	0.25	0.00	0.00	0.00	0	0.48	2.42
90	North Elm Creek	02/16/01	Riffle	SWT	12	108	672.00	5.65	5.08	0.22	0.08	0.06	0.75	0.72	0.08	1.00	0.06	2	0.42	2.57
90	North Elm Creek	02/16/01	Vegetation	SWT	13	94	116.98	6.02	5.05	1.00	0.01	0.03	0.79	0.74	0.04	0.43	0.03	2	0.69	1.90
90	North Elm Creek	07/19/01	problem	SWT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	North Elm Creek	07/19/01	Vegetation	SWT	18	107	665.78	7.03	7.03	1.00	0.03	0.00	0.58	0.20	0.62	0.92	0.32	5	0.26	3.32
90	Crutcho Creek	02/08/00	not sampled	COTP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Crutcho Creek	08/03/00	Woody	COTP	9	98	99.78	7.11	5.64	0.20	0.05	0.00	0.95	0.91	0.02	0.04	0.02	1	0.56	2.02
90	Crutcho Creek	02/06/01	Riffle	COTP	9	37	24.67	6.05	6.36	0.06	0.49	0.00	0.46	0.22	0.27	0.60	0.08	1	0.46	2.46
90	Crutcho Creek	02/06/01	Vegetation	COTP	5	45	45.00	7.00	7.19	1.00	0.04	0.00	0.96	0.11	0.88	0.97	0.82	1	0.82	0.99
90	Crutcho Creek	02/06/01	Woody	COTP	3	12	2.40	6.33	4.99	1.00	0.08	0.00	0.92	0.92	0.00	0.00	0.00	0	0.83	0.82
90	Crutcho Creek	07/16/01	Riffle	COTP	16	105	490.00	6.45	5.80	0.38	0.06	0.00	0.90	0.83	0.08	0.26	0.08	5	0.58	2.13
90	Crutcho Creek	07/16/01	Vegetation	COTP	16	96	280.00	7.22	6.45	0.13	0.08	0.00	0.80	0.66	0.13	0.15	0.09	4	0.54	2.54
90	Crooked Oak Creek	02/03/00	Riffle	CGP	3	98	166.30	6.16	4.64	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0	0.91	0.49
90	Crooked Oak Creek	08/03/00	No flow	CGP	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Crooked Oak Creek	02/06/01	Vegetation	CGP	3	6	42.00	5.83	5.41	1.00	0.17	0.00	0.67	0.67	0.00	0.00	0.00	0	0.67	1.25

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
90	Crooked Oak Creek	02/06/01	Woody	CGP	3	5	3.33	6.00	5.60	1.00	0.20	0.00	0.60	0.60	0.00	0.00	0.00	0	0.60	1.37
90	Crooked Oak Creek	07/16/01	Riffle	CGP	10	109	813.87	6.89	6.00	0.50	0.02	0.00	0.86	0.83	0.00	0.00	0.00	0	0.37	2.25
90	Crooked Oak Creek	07/16/01	Vegetation	CGP	11	105	435.56	7.42	6.07	1.00	0.02	0.00	0.90	0.79	0.13	0.15	0.11	3	0.67	1.89
90	Crooked Oak Creek	07/16/01	Woody	CGP	9	124	115.73	7.60	5.87	1.00	0.01	0.00	0.94	0.94	0.00	0.00	0.00	0	0.74	1.29
90	Buggy Creek	02/08/00	Vegetation	CGP	12	101	209.48	6.16	5.01	1.00	0.02	0.00	0.90	0.77	0.07	0.75	0.06	2	0.61	2.15
90	Buggy Creek	07/27/00	Vegetation	CGP	17	107	285.33	6.54	6.20	0.02	0.20	0.00	0.70	0.50	0.05	0.11	0.03	3	0.22	3.19
90	Buggy Creek	07/27/00	Woody	CGP	14	92	128.80	6.18	5.31	0.07	0.22	0.00	0.73	0.65	0.14	0.31	0.11	5	0.36	2.77
90	Buggy Creek	02/14/01	Vegetation	CGP	13	111	296.00	5.91	4.81	0.23	0.06	0.06	0.88	0.76	0.06	1.00	0.05	1	0.71	1.81
90	Buggy Creek	02/14/01	Woody	CGP	7	148	331.52	6.07	4.95	0.08	0.36	0.00	0.64	0.64	0.00	0.00	0.00	0	0.62	1.32
90	Buggy Creek	07/18/01	Riffle	CGP	19	111	518.00	6.02	6.02	0.01	0.37	0.01	0.53	0.38	0.19	0.26	0.09	3	0.26	3.25
90	Buggy Creek	07/18/01	Vegetation	CGP	20	117	485.33	6.61	6.37	0.09	0.24	0.04	0.61	0.23	0.18	0.23	0.05	4	0.30	3.44
90	Buggy Creek	07/18/01	Woody	CGP	18	148	118.40	6.52	5.66	0.03	0.22	0.00	0.74	0.60	0.14	0.17	0.10	4	0.51	2.72
90	North Walnut Creek	02/03/00	Vegetation	CGP	10	98	54.88	6.16	4.95	0.00	0.06	0.00	0.93	0.84	0.08	0.88	0.07	2	0.59	2.02
90	North Walnut Creek	02/03/00	Woody	CGP	13	95	177.33	6.18	5.31	0.05	0.11	0.00	0.88	0.69	0.07	1.00	0.05	4	0.48	2.39
90	North Walnut Creek	07/27/00	Vegetation	CGP	10	113	105.47	7.53	5.74	0.00	0.00	0.01	0.97	0.90	0.04	0.05	0.04	2	0.73	1.56
90	North Walnut Creek	07/27/00	Woody	CGP	8	105	64.62	7.23	5.57	0.00	0.01	0.00	0.96	0.91	0.06	0.08	0.06	3	0.63	1.83
90	North Walnut Creek	03/07/01	Vegetation	CGP	9	84	87.11	6.56	6.37	0.00	0.00	0.00	0.91	0.36	0.57	0.95	0.48	1	0.48	1.97
90	North Walnut Creek	07/26/01	Vegetation	CGP	21	121	501.93	6.63	6.41	1.00	0.08	0.01	0.75	0.40	0.47	0.58	0.36	6	0.26	3.60
90	North Walnut Creek	07/26/01	Woody	CGP	17	151	483.20	6.87	5.70	0.47	0.05	0.01	0.89	0.69	0.28	0.33	0.26	7	0.54	2.52
90	North Fork Walnut Creek	02/03/00	Riffle	CGP	19	113	1004.44	5.63	5.02	0.10	0.32	0.04	0.58	0.52	0.14	0.91	0.09	5	0.44	2.85
90	North Fork Walnut Creek	02/03/00	Woody	CGP	7	131	305.67	5.92	5.04	0.00	0.66	0.00	0.34	0.32	0.02	1.00	0.01	1	0.64	1.37
90	North Fork Walnut Creek	07/27/00	Woody	CGP	14	108	40.32	6.13	5.63	0.06	0.22	0.00	0.75	0.58	0.25	0.40	0.19	5	0.30	2.99
90	North Fork Walnut Creek	03/07/01	Vegetation	CGP	9	109	581.33	6.45	5.72	0.00	0.02	0.00	0.98	0.58	0.38	0.95	0.35	2	0.53	1.72
90	North Fork Walnut Creek	07/30/01	Riffle	CGP	15	109	301.43	6.29	5.84	0.04	0.21	0.00	0.64	0.57	0.15	0.20	0.10	4	0.40	2.88
90	North Fork Walnut Creek	07/30/01	Vegetation	CGP	18	109	452.15	6.74	6.39	0.40	0.05	0.01	0.76	0.37	0.46	0.67	0.31	4	0.27	3.29
90	North Fork Walnut Creek	07/30/01	Woody	CGP	10	113	79.10	6.99	5.70	0.10	0.09	0.00	0.90	0.71	0.22	0.22	0.19	4	0.69	1.62
104	Washita River # 145	03/01/00	Riffle	CGP	12	97	4790.12	5.69	5.14	0.00	0.07	0.00	0.71	0.64	0.00	0.00	0.00	0	0.44	2.57
104	Washita River # 145	03/01/00	Woody	CGP	6	106	2735.48	6.30	4.76	0.00	0.02	0.00	0.98	0.97	0.00	0.00	0.00	0	0.82	0.92
104	Washita River # 145	07/27/00	Riffle	CGP	8	111	1726.67	5.26	4.70	0.00	0.80	0.00	0.09	0.07	0.87	0.87	0.49	3	0.32	2.37
104	Washita River # 145	07/27/00	Woody	CGP	8	125	400.00	4.26	4.36	0.00	0.85	0.00	0.14	0.02	0.98	0.98	0.94	5	0.74	1.39
104	Washita River # 145	02/22/01	Vegetation	CGP	7	47	146.22	6.09	4.88	0.00	0.02	0.00	0.94	0.87	0.07	0.50	0.06	1	0.74	1.43
104	Washita River # 145	02/22/01	Woody	CGP	8	109	24.42	6.27	4.89	0.00	0.14	0.01	0.85	0.82	0.04	0.24	0.04	1	0.66	1.62

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
104	Washita River # 145	07/20/01	Riffle	CGP	12	121	1505.78	4.42	5.33	0.00	0.84	0.00	0.07	0.02	0.95	0.95	0.35	7	0.55	2.18
104	Washita River # 145	07/20/01	Woody	CGP	15	108	1209.60	4.44	4.58	0.00	0.49	0.00	0.44	0.10	0.88	0.91	0.73	7	0.42	2.75
104	Beaver Creek	03/01/00	Vegetation	CGP	9	124	10683.08	6.14	4.80	0.00	0.03	0.00	0.97	0.90	0.03	1.00	0.02	1	0.88	0.87
104	Beaver Creek	03/01/00	Woody	CGP	5	92	660.51	6.05	4.61	#DIV/0!	0.00	0.00	0.99	0.98	0.00	#DIV/0!	0.00	0	0.96	0.34
104	Beaver Creek	08/01/00	Riffle	CGP	11	126	2261.54	5.06	5.91	0.02	0.58	0.00	0.28	0.27	0.11	0.13	0.03	2	0.54	2.16
104	Beaver Creek	08/01/00	Woody	CGP	13	125	350.00	5.94	5.72	0.02	0.36	0.00	0.55	0.54	0.08	0.11	0.05	2	0.38	2.53
104	Beaver Creek	02/22/01	Vegetation	CGP	13	115	1321.03	6.14	4.82	0.33	0.03	0.00	0.95	0.90	0.03	0.27	0.03	2	0.82	1.24
104	Beaver Creek	02/22/01	Woody	CGP	3	99	69.30	6.16	4.94	1.00	0.10	0.00	0.90	0.90	0.00	#DIV/0!	0.00	0	0.90	0.55
104	Beaver Creek	07/20/01	Riffle	CGP	8	119	3702.22	6.49	5.79	0.00	0.33	0.00	0.65	0.64	0.07	0.08	0.05	2	0.60	1.59
104	Beaver Creek	07/20/01	Vegetation	CGP	14	132	1232.00	6.09	5.56	0.01	0.39	0.00	0.59	0.53	0.24	0.26	0.17	3	0.47	2.28
104	Beaver Creek	07/20/01	Woody	CGP	12	117	582.40	7.24	5.53	0.05	0.09	0.00	0.88	0.83	0.07	0.07	0.06	2	0.74	1.62
104	West Barnitz Creek	03/01/00	Vegetation	CGP	9	102	634.67	6.33	5.62	0.66	0.23	0.00	0.75	0.60	0.08	1.00	0.05	1	0.59	1.98
104	West Barnitz Creek	03/01/00	Woody	CGP	6	154	574.93	5.97	4.86	0.25	0.18	0.00	0.82	0.75	0.08	1.00	0.06	1	0.74	1.27
104	West Barnitz Creek	07/27/00	Vegetation	CGP	10	111	207.20	7.14	6.80	0.11	0.08	0.00	0.91	0.23	0.19	0.67	0.05	2	0.66	1.81
104	West Barnitz Creek	07/27/00	Woody	CGP	15	105	65.33	5.46	5.08	0.09	0.26	0.02	0.60	0.49	0.33	0.86	0.24	3	0.38	3.02
104	West Barnitz Creek	02/22/01	Vegetation	CGP	7	109	339.11	6.10	4.99	0.92	0.11	0.00	0.89	0.83	0.02	1.00	0.02	2	0.83	0.97
104	West Barnitz Creek	02/22/01	Woody	CGP	6	103	144.20	6.16	4.97	0.80	0.15	0.00	0.85	0.82	0.00	0.00	0.00	0	0.80	1.14
104	West Barnitz Creek	07/19/01	Vegetation	CGP	18	122	1821.87	6.93	6.77	0.30	0.28	0.00	0.63	0.18	0.27	0.47	0.07	4	0.34	3.28
104	West Barnitz Creek	07/19/01	Woody	CGP	15	117	524.16	5.48	4.92	0.30	0.18	0.00	0.76	0.44	0.24	0.50	0.14	3	0.25	3.30
104	Quartermaster Creek	03/01/00	Vegetation	SWT	8	93	526.06	6.13	4.79	0.27	0.06	0.00	0.93	0.90	0.01	0.13	0.01	1	0.78	1.28
104	Quartermaster Creek	03/01/00	Woody	SWT	6	101	628.44	5.94	4.58	0.00	0.07	0.00	0.93	0.90	0.04	0.80	0.04	2	0.88	0.75
104	Quartermaster Creek	07/27/00	Riffle	SWT	14	130	2426.67	4.23	5.55	0.03	0.69	0.00	0.13	0.05	0.78	0.86	0.19	5	0.54	2.40
104	Quartermaster Creek	07/27/00	Vegetation	SWT	18	104	269.63	5.33	5.45	0.01	0.44	0.00	0.48	0.38	0.38	0.56	0.24	5	0.25	3.30
104	Quartermaster Creek	07/27/00	Woody	SWT	12	107	85.60	5.20	4.85	0.05	0.38	0.00	0.58	0.36	0.47	0.57	0.32	5	0.24	3.05
104	Quartermaster Creek	02/22/01	Riffle	SWT	7	106	942.22	5.66	4.60	0.00	0.08	0.00	0.85	0.79	0.00	0.00	0.00	0	0.75	1.43
104	Quartermaster Creek	02/22/01	Vegetation	SWT	7	117	728.00	6.13	4.74	0.09	0.09	0.00	0.90	0.89	0.01	0.17	0.01	1	0.85	0.92
104	Quartermaster Creek	02/22/01	Woody	SWT	7	117	109.20	6.30	4.86	0.03	0.15	0.00	0.84	0.83	0.00	0.00	0.00	0	0.67	1.44
104	Quartermaster Creek	07/19/01	Riffle	SWT	11	113	7499.85	5.49	5.74	0.00	0.50	0.00	0.42	0.35	0.26	0.30	0.12	2	0.39	2.44
104	Quartermaster Creek	07/19/01	Vegetation	SWT	12	101	5027.56	5.57	5.44	0.00	0.48	0.00	0.50	0.34	0.40	0.43	0.23	4	0.31	2.61
104	Quartermaster Creek	07/19/01	Woody	SWT	12	122	303.64	5.79	4.90	0.02	0.25	0.00	0.71	0.46	0.42	0.44	0.33	4	0.41	2.63
104	Washita River # 384	02/14/00	Vegetation	CGP	4	103	1709.04	5.93	4.83	0.00	0.24	0.00	0.75	0.70	0.00	#DIV/0!	0.00	0	0.70	1.13
104	Washita River # 384	02/14/00	Woody	CGP	2	104	995.56	6.00	4.99	0.00	0.62	0.00	0.38	0.38	0.00	#DIV/0!	0.00	0	0.62	0.96

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
104	Washita River # 384	07/31/00	Riffle	CGP	13	113	602.67	6.27	4.53	0.00	0.70	0.00	0.19	0.06	0.92	0.96	0.68	6	0.57	2.41
104	Washita River # 384	07/31/00	Woody	CGP	15	104	52.95	6.39	4.88	0.02	0.44	0.00	0.40	0.33	0.56	0.61	0.42	5	0.31	2.94
104	Washita River # 384	02/16/01	Vegetation	CGP	7	128	3185.78	6.02	4.72	1.00	0.01	0.00	0.94	0.92	0.01	1.00	0.01	1	0.91	0.60
104	Washita River # 384	02/16/01	Woody	CGP	3	123	688.80	6.01	4.53	1.00	0.01	0.00	0.98	0.98	0.01	1.00	0.01	1	0.98	0.14
104	Washita River # 384	07/19/01	Woody	CGP	16	113	468.74	5.81	5.41	0.23	0.06	0.00	0.82	0.38	0.59	0.62	0.54	8	0.33	3.02
104	Shell Creek	07/27/00	Riffle	CGP	13	104	161.78	6.96	5.90	0.00	0.15	0.00	0.81	0.70	0.11	0.17	0.09	3	0.42	2.75
104	Shell Creek	07/27/00	Woody	CGP	12	114	98.22	7.05	5.74	0.11	0.08	0.01	0.89	0.82	0.04	0.06	0.04	2	0.56	2.15
104	Shell Creek	02/06/01	Riffle	CGP	4	110	1642.67	6.29	4.97	0.00	0.14	0.00	0.86	0.85	0.00	#DIV/0!	0.00	0	0.85	0.80
104	Shell Creek	02/06/01	Woody	CGP	5	108	183.27	6.04	4.57	0.00	0.02	0.00	0.98	0.98	0.00	0.00	0.00	0	0.96	0.30
104	Shell Creek	07/16/01	Riffle	CGP	7	106	2198.52	7.36	6.12	0.00	0.27	0.00	0.73	0.72	0.00	0.00	0.00	0	0.58	1.84
104	Shell Creek	07/16/01	Vegetation	CGP	10	125	1555.56	7.90	7.56	0.13	0.13	0.00	0.86	0.07	0.10	0.14	0.01	1	0.78	1.23
104	Shell Creek	07/16/01	Woody	CGP	11	99	221.76	7.38	5.73	0.33	0.03	0.01	0.92	0.88	0.02	0.03	0.02	1	0.67	1.86
104	Bear Creek	03/01/00	Vegetation	CGP	10	110	1516.31	5.69	4.79	0.00	0.07	0.02	0.87	0.72	0.19	1.00	0.17	4	0.64	1.89
104	Bear Creek	03/01/00	Woody	CGP	3	106	742.00	5.89	4.56	0.00	0.02	0.00	0.98	0.94	0.04	1.00	0.04	1	0.94	0.37
104	Bear Creek	07/27/00	Vegetation	CGP	16	111	172.67	5.35	5.41	0.00	0.10	0.00	0.50	0.30	0.51	0.81	0.32	5	0.17	3.61
104	Bear Creek	07/27/00	Woody	CGP	17	102	63.47	6.48	5.44	0.00	0.07	0.00	0.84	0.68	0.27	0.36	0.25	9	0.46	2.91
104	Bear Creek	02/14/01	Vegetation	CGP	21	101	134.67	5.39	5.49	0.60	0.02	0.00	0.76	0.53	0.29	0.92	0.22	4	0.36	3.43
104	Bear Creek	02/14/01	Woody	CGP	16	112	104.53	6.23	4.97	0.20	0.02	0.00	0.90	0.85	0.04	0.11	0.04	2	0.29	2.61
104	Bear Creek	07/20/01	Vegetation	CGP	18	94	731.11	5.62	5.29	0.11	0.10	0.04	0.43	0.33	0.52	0.58	0.36	4	0.27	3.31
104	Bear Creek	07/20/01	Woody	CGP	17	112	501.76	6.69	5.96	0.25	0.04	0.01	0.89	0.45	0.51	0.54	0.47	7	0.41	2.63
104	Trail Creek, Dewey Co.	02/14/00	Vegetation	CGP	9	127	2370.67	5.82	5.00	0.02	0.43	0.00	0.56	0.43	0.23	1.00	0.13	2	0.42	1.75
104	Trail Creek, Dewey Co.	02/14/00	Woody	CGP	7	118	528.64	5.75	4.78	0.00	0.20	0.00	0.80	0.69	0.13	1.00	0.10	1	0.63	1.69
104	Trail Creek, Dewey Co.	07/31/00	Woody	CGP	21	109	21.80	5.46	5.51	0.38	0.15	0.00	0.60	0.34	0.50	0.70	0.34	7	0.15	3.95
104	Trail Creek, Dewey Co.	02/05/01	Vegetation	CGP	4	19	7.60	6.00	4.83	#DIV/0!	0.00	0.00	1.00	0.84	0.16	1.00	0.16	2	0.79	1.06
104	Trail Creek, Dewey Co.	07/17/01	Vegetation	CGP	18	132	8213.33	6.45	6.44	1.00	0.03	0.01	0.83	0.34	0.46	0.90	0.29	4	0.24	3.19
104	Trail Creek, Dewey Co.	07/17/01	Woody	CGP	26	103	512.71	6.03	6.00	0.54	0.06	0.01	0.75	0.33	0.42	0.93	0.24	5	0.24	3.74
104	Canadian River	02/14/00	Vegetation	SWT	8	118	978.96	6.15	5.07	0.00	0.36	0.00	0.64	0.58	0.08	0.55	0.05	1	0.48	1.84
104	Canadian River	02/14/00	Woody	SWT	13	101	538.67	5.65	4.93	0.00	0.30	0.03	0.54	0.50	0.09	0.50	0.05	3	0.36	2.60
104	Canadian River	07/31/00	Vegetation	SWT	19	73	14.60	5.47	5.24	0.26	0.42	0.00	0.42	0.26	0.62	0.89	0.42	8	0.26	3.58
104	Canadian River	02/20/01	Vegetation	SWT	8	124	617.24	6.09	4.73	0.33	0.01	0.00	0.98	0.94	0.01	0.20	0.01	1	0.88	0.84
104	Canadian River	07/17/01	Vegetation	SWT	15	146	2725.33	6.08	5.06	0.75	0.03	0.00	0.90	0.79	0.08	0.71	0.07	4	0.63	2.10
104	Unnamed Trib. To Canadian	02/14/00	Vegetation	SWT	5	108	1527.27	5.67	5.24	0.11	0.56	0.00	0.44	0.20	0.53	1.00	0.23	1	0.50	1.80

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
104	Unnamed Trib. To Canadian	02/14/00	Woody	SWT	8	103	922.88	5.53	5.24	0.03	0.63	0.00	0.35	0.15	0.58	1.00	0.20	2	0.57	1.81
104	Unnamed Trib. To Canadian	07/31/00	Riffle	SWT	18	106	659.56	4.75	6.06	0.01	0.61	0.00	0.31	0.18	0.34	0.83	0.09	4	0.58	2.54
104	Unnamed Trib. To Canadian	02/05/01	Riffle	SWT	6	122	1626.67	6.04	4.69	0.50	0.02	0.00	0.98	0.96	0.00	0.00	0.00	0	0.95	0.39
104	Unnamed Trib. To Canadian	02/05/01	Woody	SWT	2	104	258.84	6.02	4.55	#DIV/0!	0.00	0.00	1.00	0.99	0.00	#DIV/0!	0.00	0	0.99	0.08
104	Unnamed Trib. To Canadian	07/24/01	Riffle	SWT	16	109	2543.33	4.98	6.20	0.02	0.57	0.00	0.35	0.18	0.35	0.55	0.10	3	0.56	2.45
104	Red Creek	02/14/00	Vegetation	SWT	12	110	1642.67	6.36	5.69	0.67	0.16	0.00	0.76	0.56	0.10	1.00	0.06	2	0.49	2.57
104	Red Creek	02/14/00	Woody	SWT	10	102	725.33	5.77	4.98	0.13	0.24	0.00	0.75	0.65	0.12	0.90	0.09	3	0.32	2.50
104	Red Creek	07/31/00	Riffle	SWT	12	92	40.89	2.07	5.59	0.14	0.08	0.00	0.09	0.02	0.60	1.00	0.03	2	0.72	1.74
104	Red Creek	07/31/00	Vegetation	SWT	13	102	95.20	7.59	7.78	1.00	0.35	0.00	0.58	0.08	0.27	0.50	0.03	2	0.48	2.10
104	Red Creek	02/05/01	Riffle	SWT	7	127	158.04	6.07	4.84	0.60	0.02	0.00	0.95	0.87	0.00	#DIV/0!	0.00	0	0.87	0.85
104	Red Creek	02/05/01	Vegetation	SWT	9	110	77.00	6.52	5.56	1.00	0.04	0.00	0.93	0.68	0.01	1.00	0.01	1	0.67	1.42
104	Red Creek	02/05/01	Woody	SWT	6	105	53.45	6.09	4.76	0.00	0.01	0.00	0.97	0.90	0.01	1.00	0.01	1	0.90	0.66
104	Red Creek	07/24/01	Vegetation	SWT	15	123	574.00	7.34	7.37	0.86	0.06	0.00	0.83	0.15	0.00	0.00	0.00	0	0.63	2.16
104	West Beaver Creek	02/03/00	Riffle	CGP	4	111	2656.41	5.90	5.15	0.00	0.81	0.01	0.18	0.18	0.05	1.00	0.01	1	0.78	0.92
104	West Beaver Creek	02/03/00	Woody	CGP	7	103	256.36	5.91	5.00	0.00	0.57	0.00	0.42	0.41	0.05	1.00	0.02	2	0.54	1.38
104	West Beaver Creek	07/19/00	Riffle	CGP	14	105	560.00	4.89	5.60	0.03	0.64	0.00	0.27	0.27	0.32	0.41	0.12	5	0.51	2.38
104	West Beaver Creek	07/19/00	Woody	CGP	15	108	67.20	5.71	5.60	0.02	0.30	0.00	0.63	0.50	0.25	0.34	0.17	6	0.32	2.82
104	West Beaver Creek	02/05/01	Riffle	CGP	12	160	1991.11	5.79	4.93	0.02	0.38	0.04	0.52	0.49	0.14	0.93	0.08	3	0.48	1.91
104	West Beaver Creek	02/05/01	Vegetation	CGP	8	142	53.01	5.95	4.76	0.10	0.07	0.04	0.89	0.82	0.10	0.93	0.09	2	0.82	1.11
104	West Beaver Creek	02/05/01	Woody	CGP	8	124	173.60	5.98	4.99	0.00	0.17	0.02	0.78	0.65	0.21	1.00	0.17	3	0.65	1.61
104	West Beaver Creek	07/16/01	Riffle	CGP	11	103	7690.67	4.91	5.82	0.04	0.51	0.00	0.28	0.26	0.16	0.29	0.05	2	0.47	2.38
104	West Beaver Creek	07/16/01	Woody	CGP	13	100	112.00	5.74	6.33	0.22	0.55	0.00	0.36	0.31	0.09	0.12	0.03	3	0.43	2.53
104	Stillwater Creek	02/03/00	Riffle	CGP	12	122	1084.44	6.07	5.21	0.01	0.43	0.00	0.54	0.46	0.16	1.00	0.09	3	0.44	2.23
104	Stillwater Creek	02/03/00	Woody	CGP	8	96	168.00	6.05	4.88	0.00	0.20	0.01	0.76	0.75	0.01	0.14	0.01	1	0.67	1.53
104	Stillwater Creek	07/19/00	Riffle	CGP	13	123	1148.00	4.25	5.11	0.00	0.63	0.00	0.15	0.12	0.73	0.98	0.33	3	0.39	2.56
104	Stillwater Creek	07/19/00	Woody	CGP	11	104	40.44	5.09	5.79	0.00	0.56	0.00	0.36	0.35	0.18	0.33	0.08	4	0.51	2.33
104	Stillwater Creek	02/05/01	Riffle	CGP	8	101	942.67	5.65	4.68	0.00	0.03	0.10	0.85	0.75	0.20	0.95	0.19	3	0.74	1.40
104	Stillwater Creek	02/05/01	Woody	CGP	3	107	60.53	5.86	4.47	0.00	0.01	0.03	0.96	0.96	0.03	1.00	0.03	1	0.96	0.26
104	Stillwater Creek	07/16/01	No flow	CGP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Elm Creek	02/08/00	Riffle	CGP	5	95	2111.11	6.41	5.19	0.27	0.06	0.00	0.94	0.80	0.01	1.00	0.01	1	0.80	1.04
104	Elm Creek	02/08/00	Vegetation	CGP	6	120	746.67	6.18	4.80	0.00	0.03	0.00	0.97	0.92	0.00	#DIV/0!	0.00	0	0.92	0.59
104	Elm Creek	07/19/00	Riffle	CGP	18	92	43.81	6.49	6.97	0.09	0.24	0.00	0.62	0.12	0.61	0.85	0.18	3	0.29	3.32

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
104	Elm Creek	07/19/00	Vegetation	CGP	9	108	241.92	6.73	6.47	1.00	0.01	0.00	0.98	0.59	0.04	0.60	0.03	2	0.54	1.74
104	Elm Creek	07/19/00	Woody	CGP	12	108	88.94	7.31	7.28	0.17	0.11	0.00	0.80	0.12	0.24	0.57	0.04	1	0.63	2.05
104	Elm Creek	01/23/01	Riffle	CGP	8	119	277.67	6.29	5.07	0.50	0.02	0.00	0.97	0.84	0.06	0.86	0.05	1	0.83	1.05
104	Elm Creek	07/24/01	No flow	CGP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Otter Creek	02/03/00	Riffle	CGP	9	107	1567.77	6.15	5.08	0.00	0.42	0.00	0.57	0.52	0.03	0.29	0.02	1	0.44	1.81
104	Otter Creek	07/19/00	Riffle	CGP	17	109	581.33	4.53	4.85	0.04	0.67	0.00	0.30	0.20	0.67	0.88	0.40	9	0.32	3.25
104	Otter Creek	07/19/00	Vegetation	CGP	12	110	684.44	5.49	5.50	0.00	0.36	0.00	0.62	0.59	0.14	0.48	0.10	3	0.36	2.57
104	Otter Creek	07/19/00	Woody	CGP	12	107	171.20	6.11	5.36	0.00	0.09	0.00	0.86	0.83	0.05	0.20	0.05	4	0.36	2.64
104	Otter Creek	02/05/01	Riffle	CGP	18	148	1064.69	5.80	5.61	0.22	0.22	0.00	0.64	0.40	0.34	0.89	0.21	5	0.29	3.52
104	Otter Creek	02/05/01	Vegetation	CGP	9	112	149.33	6.19	5.23	0.00	0.09	0.00	0.88	0.66	0.27	0.93	0.24	3	0.63	1.66
104	Otter Creek	02/05/01	Woody	CGP	14	115	429.33	6.10	4.94	0.00	0.05	0.01	0.91	0.80	0.13	0.50	0.12	5	0.63	2.06
104	Otter Creek	07/16/01	Riffle	CGP	16	122	12343.27	3.91	5.05	0.04	0.53	0.00	0.42	0.03	0.93	0.96	0.43	7	0.45	2.64
104	Otter Creek	07/16/01	Vegetation	CGP	13	99	3696.00	7.23	7.11	0.68	0.10	0.00	0.78	0.15	0.32	1.00	0.07	2	0.53	2.56
104	Otter Creek	07/16/01	Woody	CGP	20	119	205.05	5.55	5.71	0.05	0.37	0.00	0.54	0.39	0.28	0.38	0.15	9	0.34	3.11
104	Skeleton Creek	02/03/00	Riffle	CGP	11	111	3425.93	5.80	5.52	0.03	0.14	0.00	0.73	0.59	0.00	0.00	0.00	0	0.57	2.16
104	Skeleton Creek	02/03/00	Vegetation	CGP	8	107	570.67	6.03	4.89	0.00	0.05	0.00	0.93	0.87	0.00	#DIV/0!	0.00	0	0.85	1.00
104	Skeleton Creek	07/19/00	Riffle	CGP	16	123	1640.00	6.02	5.80	0.06	0.32	0.00	0.57	0.50	0.14	0.18	0.08	5	0.37	2.69
104	Skeleton Creek	07/19/00	Woody	CGP	15	106	49.88	6.27	5.85	0.70	0.09	0.00	0.75	0.58	0.27	0.47	0.22	5	0.29	2.97
104	Skeleton Creek	02/05/01	Riffle	CGP	15	101	837.93	5.35	5.47	0.04	0.12	0.00	0.43	0.35	0.00	0.00	0.00	0	0.31	2.79
104	Skeleton Creek	02/05/01	Vegetation	CGP	16	100	31.11	6.01	5.72	0.47	0.10	0.00	0.72	0.53	0.09	0.56	0.05	1	0.46	2.92
104	Skeleton Creek	07/16/01	Riffle	CGP	13	138	17173.33	6.93	5.49	0.67	0.02	0.00	0.95	0.87	0.08	0.13	0.08	3	0.53	2.05
104	Skeleton Creek	07/16/01	Vegetation	CGP	18	93	3466.45	7.47	6.81	0.71	0.08	0.00	0.85	0.48	0.17	0.25	0.10	4	0.29	3.46
104	Cottonwood Creek, Logan Co.	08/03/00	Woody	COTP	15	92	64.40	5.05	5.36	0.00	0.20	0.00	0.42	0.34	0.21	0.38	0.09	5	0.35	2.98
104	Cottonwood Creek, Logan Co.	02/06/01	Woody	COTP	2	101	646.40	6.14	4.61	#DIV/0!	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0	0.93	0.36
104	Cottonwood Creek, Logan Co.	07/16/01	Woody	COTP	13	138	257.60	5.56	5.07	0.20	0.02	0.00	0.53	0.51	0.20	0.38	0.13	3	0.31	2.62
104	Chisholm Creek	03/01/00	Riffle	COTP	16	100	116.67	6.77	5.96	0.00	0.07	0.00	0.69	0.55	0.02	0.03	0.01	1	0.32	3.07
104	Chisholm Creek	08/03/00	Riffle	COTP	7	113	3515.56	5.32	5.89	0.00	0.59	0.00	0.36	0.36	0.00	0.00	0.00	0	0.56	1.81
104	Chisholm Creek	08/03/00	Vegetation	COTP	12	105	326.67	7.32	6.09	0.27	0.05	0.00	0.92	0.70	0.01	0.02	0.01	1	0.46	2.36
104	Chisholm Creek	08/03/00	Woody	COTP	6	113	253.12	4.63	6.07	0.00	0.81	0.00	0.18	0.18	0.00	0.00	0.00	0	0.81	1.00
104	Chisholm Creek	02/06/01	Riffle	COTP	13	115	268.33	6.25	5.51	0.00	0.15	0.00	0.79	0.64	0.10	0.73	0.07	1	0.57	2.41
104	Chisholm Creek	02/06/01	Vegetation	COTP	12	109	58.69	6.44	5.80	0.00	0.03	0.01	0.89	0.53	0.35	0.97	0.28	1	0.52	2.00
104	Chisholm Creek	02/06/01	Woody	COTP	12	116	41.24	6.27	5.17	0.00	0.06	0.00	0.91	0.80	0.06	0.38	0.05	1	0.70	1.79

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
104	Chisholm Creek	07/16/01	Riffle	COTP	10	118	8810.67	6.60	6.52	0.03	0.60	0.00	0.34	0.33	0.05	0.07	0.02	2	0.35	2.44
104	Chisholm Creek	07/16/01	Vegetation	COTP	8	117	2912.00	5.15	6.35	0.01	0.81	0.00	0.16	0.16	0.00	0.00	0.00	0	0.71	1.41
104	Deer Creek, Logan Co.	03/01/00	Woody	CGP	18	94	65.80	6.14	5.99	0.67	0.13	0.01	0.73	0.41	0.15	0.58	0.07	1	0.29	3.48
104	Deer Creek, Logan Co.	08/03/00	Woody	CGP	10	105	84.00	5.65	5.28	0.00	0.33	0.00	0.46	0.45	0.38	0.45	0.28	1	0.33	2.45
104	Deer Creek, Logan Co.	02/06/01	Woody	CGP	11	112	250.88	4.90	4.85	0.03	0.16	0.00	0.53	0.35	0.22	0.55	0.10	3	0.30	2.93
104	Deer Creek, Logan Co.	07/16/01	Vegetation	CGP	19	99	84.00	5.63	5.18	0.01	0.37	0.00	0.45	0.22	0.70	0.78	0.52	8	0.18	3.59
104	Deer Creek, Logan Co.	07/16/01	Woody	CGP	19	149	208.60	5.46	5.02	0.02	0.40	0.01	0.50	0.29	0.62	0.66	0.47	7	0.32	3.13
104	Kingfisher Creek	03/01/00	Riffle	CGP	17	91	283.11	5.76	5.57	0.18	0.09	0.00	0.76	0.52	0.22	0.93	0.14	2	0.47	2.82
104	Kingfisher Creek	03/01/00	Woody	CGP	12	101	235.67	5.77	5.05	0.12	0.17	0.04	0.77	0.61	0.22	1.00	0.17	3	0.58	2.28
104	Kingfisher Creek	08/03/00	Riffle	CGP	14	141	526.40	5.39	5.13	0.03	0.38	0.00	0.54	0.38	0.44	0.58	0.30	7	0.24	3.21
104	Kingfisher Creek	08/03/00	Vegetation	CGP	15	108	448.00	6.78	6.10	0.50	0.15	0.00	0.83	0.46	0.29	0.43	0.19	5	0.24	3.18
104	Kingfisher Creek	08/03/00	Woody	CGP	12	114	58.04	6.54	5.37	0.28	0.11	0.00	0.87	0.71	0.25	0.30	0.24	5	0.55	2.38
104	Kingfisher Creek	02/05/01	Vegetation	CGP	6	110	1711.11	5.92	4.62	0.00	0.02	0.00	0.97	0.92	0.05	1.00	0.05	2	0.92	0.58
104	Kingfisher Creek	07/16/01	Riffle	CGP	11	113	2812.44	5.08	5.44	0.00	0.38	0.00	0.57	0.31	0.49	0.56	0.30	5	0.34	2.70
104	Kingfisher Creek	07/16/01	Woody	CGP	13	102	1142.40	6.66	5.19	0.33	0.04	0.01	0.91	0.84	0.12	0.20	0.12	5	0.47	2.17
104	Trail Creek, Kingfisher Co.	03/01/00	Riffle	CGP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Trail Creek, Kingfisher Co.	03/01/00	Woody	CGP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Trail Creek, Kingfisher Co.	08/03/00	Riffle	CGP	12	125	833.33	4.93	5.83	0.01	0.58	0.00	0.23	0.22	0.16	0.17	0.04	3	0.56	1.93
104	Trail Creek, Kingfisher Co.	08/03/00	Vegetation	CGP	6	111	115.11	7.88	7.18	#DIV/0!	0.00	0.00	0.95	0.30	0.00	0.00	0.00	0	0.66	1.48
104	Trail Creek, Kingfisher Co.	08/03/00	Woody	CGP	12	153	77.89	6.14	5.81	0.01	0.42	0.00	0.55	0.53	0.05	0.05	0.03	3	0.50	1.85
104	Trail Creek, Kingfisher Co.	02/05/01	Riffle	CGP	10	119	11106.67	5.74	4.89	0.33	0.01	0.00	0.86	0.77	0.03	1.00	0.03	2	0.75	1.49
104	Trail Creek, Kingfisher Co.	02/05/01	Vegetation	CGP	13	127	2370.67	6.01	4.99	1.00	0.04	0.00	0.91	0.79	0.06	0.86	0.05	2	0.61	2.17
104	Trail Creek, Kingfisher Co.	02/05/01	Woody	CGP	10	114	425.60	6.11	5.04	0.92	0.11	0.00	0.89	0.85	0.03	0.27	0.03	3	0.65	1.84
104	Trail Creek, Kingfisher Co.	07/17/01	Riffle	CGP	18	102	816.00	4.40	5.70	0.06	0.35	0.00	0.28	0.09	0.67	0.90	0.18	3	0.30	2.99
104	Trail Creek, Kingfisher Co.	07/17/01	Vegetation	CGP	18	103	1281.78	6.09	5.93	0.32	0.24	0.00	0.56	0.38	0.19	0.45	0.09	3	0.14	3.60
104	Trail Creek, Kingfisher Co.	07/17/01	Woody	CGP	16	103	461.44	5.82	4.99	0.23	0.06	0.00	0.79	0.61	0.14	0.29	0.10	3	0.30	3.14
104	Cottonwood Creek, Major Co.	02/08/00	Woody	CGP	16	76	106.40	6.12	5.35	0.44	0.21	0.00	0.74	0.64	0.08	0.80	0.05	3	0.54	2.56
104	Cottonwood Creek, Major Co.	07/19/00	Riffle	CGP	7	114	399.00	4.32	6.05	0.01	0.76	0.00	0.18	0.11	0.38	0.80	0.07	2	0.75	1.33
104	Cottonwood Creek, Major Co.	07/19/00	Woody	CGP	10	106	106.00	5.76	5.52	0.00	0.32	0.00	0.64	0.62	0.11	0.24	0.08	3	0.26	2.54
104	Cottonwood Creek, Major Co.	07/24/01	No flow	CGP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Griever Creek	02/07/00	Riffle	CGP	8	101	3016.53	5.86	4.80	0.00	0.25	0.00	0.74	0.67	0.00	0.00	0.00	0	0.65	1.64
104	Griever Creek	02/07/00	Vegetation	CGP	7	102	198.33	5.91	4.90	0.00	0.34	0.00	0.64	0.57	0.08	1.00	0.05	1	0.57	1.51

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
104	Griever Creek	02/07/00	Woody	CGP	7	112	716.80	5.72	4.90	0.00	0.44	0.00	0.55	0.47	0.13	1.00	0.07	1	0.45	1.75
104	Griever Creek	07/31/00	Riffle	CGP	16	118	100.12	4.80	5.67	0.03	0.30	0.00	0.44	0.19	0.51	0.92	0.20	2	0.29	3.24
104	Griever Creek	02/06/01	Riffle	CGP	10	127	263.41	5.63	4.75	0.07	0.11	0.00	0.82	0.81	0.00	#DIV/0!	0.00	0	0.80	1.24
104	Griever Creek	02/06/01	Vegetation	CGP	13	118	132.16	6.29	5.43	1.00	0.10	0.00	0.87	0.70	0.09	1.00	0.07	3	0.68	1.84
104	Griever Creek	07/23/01	Riffle	CGP	16	97	603.56	4.18	5.53	0.03	0.34	0.00	0.28	0.06	0.63	0.83	0.10	3	0.33	3.13
104	Griever Creek	07/23/01	Vegetation	CGP	19	87	1082.67	4.79	5.92	0.38	0.33	0.05	0.36	0.06	0.44	1.00	0.05	3	0.21	3.72
104	Traders Creek	02/07/00	Vegetation	CGP	12	96	1230.77	5.61	5.11	0.46	0.14	0.00	0.82	0.54	0.24	0.84	0.17	3	0.32	2.94
104	Traders Creek	02/07/00	Woody	CGP	13	119	420.71	5.35	4.92	0.02	0.24	0.01	0.72	0.61	0.16	1.00	0.12	3	0.34	2.52
104	Traders Creek	08/01/00	Vegetation	CGP	20	99	55.44	5.52	5.33	0.36	0.22	0.00	0.66	0.57	0.20	0.93	0.14	5	0.34	3.24
104	Traders Creek	02/06/01	Vegetation	CGP	13	63	58.80	5.54	4.88	0.37	0.15	0.08	0.71	0.56	0.27	1.00	0.21	3	0.37	2.89
104	Traders Creek	07/23/01	Riffle	CGP	20	105	784.00	3.38	5.39	0.53	0.08	0.00	0.41	0.13	0.72	1.00	0.34	6	0.26	3.61
104	Traders Creek	07/23/01	Vegetation	CGP	15	100	777.78	4.75	5.26	0.73	0.11	0.00	0.75	0.32	0.58	1.00	0.44	4	0.28	3.09
104	Buffalo Creek, Harper Co.	02/07/00	Vegetation	CGP	9	104	980.47	6.02	4.74	0.00	0.08	0.00	0.92	0.88	0.04	0.80	0.04	2	0.73	1.53
104	Buffalo Creek, Harper Co.	02/07/00	Woody	CGP	10	124	793.60	5.98	4.80	0.03	0.28	0.01	0.71	0.69	0.07	0.60	0.05	3	0.63	1.59
104	Buffalo Creek, Harper Co.	08/01/00	Vegetation	CGP	14	121	75.29	5.25	4.95	0.02	0.26	0.00	0.69	0.45	0.50	0.74	0.45	5	0.21	3.03
104	Buffalo Creek, Harper Co.	08/01/00	Woody	CGP	13	99	79.20	5.27	5.28	0.00	0.40	0.01	0.53	0.44	0.38	0.69	0.27	3	0.20	3.16
104	Buffalo Creek, Harper Co.	02/06/01	Vegetation	CGP	8	151	1127.47	5.97	4.54	0.20	0.02	0.01	0.97	0.97	0.01	0.67	0.01	2	0.91	0.64
104	Buffalo Creek, Harper Co.	02/06/01	Woody	CGP	11	114	283.73	5.88	4.60	0.25	0.04	0.01	0.95	0.92	0.03	0.75	0.03	3	0.87	0.97
104	Buffalo Creek, Harper Co.	07/23/01	Riffle	CGP	18	109	452.15	4.15	5.23	0.11	0.17	0.01	0.63	0.13	0.81	0.98	0.54	6	0.34	3.20
104	Buffalo Creek, Harper Co.	07/23/01	Vegetation	CGP	20	93	330.67	4.70	5.09	0.79	0.10	0.01	0.58	0.19	0.71	1.00	0.48	5	0.22	3.46
104	Cimarron River, Harper Co.	02/03/00	Vegetation	CGP	9	100	109.80	5.83	4.74	0.06	0.17	0.01	0.78	0.72	0.10	1.00	0.08	3	0.72	1.43
104	Cimarron River, Harper Co.	07/25/00	Riffle	CGP	7	18	6.00	7.00	5.46	#DIV/0!	0.00	0.00	0.89	0.72	0.19	0.25	0.17	3	0.50	2.21
104	Cimarron River, Harper Co.	07/25/00	Vegetation	CGP	13	105	127.27	6.14	6.94	1.00	0.30	0.00	0.66	0.33	0.48	0.97	0.30	6	0.29	3.00
104	Cimarron River, Harper Co.	02/06/01	Vegetation	CGP	3	101	113.12	6.02	4.56	1.00	0.01	0.00	0.99	0.99	0.00	#DIV/0!	0.00	0	0.97	0.22
104	Cimarron River, Harper Co.	07/17/01	Dry	CGP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Spring Creek	02/07/00	Riffle	CGP	2	109	2794.87	6.00	5.00	0.00	0.62	0.00	0.38	0.38	0.00	#DIV/0!	0.00	0	0.62	0.96
104	Spring Creek	02/07/00	Vegetation	CGP	9	117	1092.00	6.55	5.60	0.00	0.02	0.00	0.98	0.64	0.13	1.00	0.09	2	0.61	1.71
104	Spring Creek	02/07/00	Woody	CGP	6	112	179.20	6.16	5.06	0.00	0.26	0.00	0.73	0.63	0.00	#DIV/0!	0.00	0	0.63	1.45
104	Spring Creek	07/20/00	Riffle	CGP	18	115	402.50	6.13	6.50	0.06	0.15	0.00	0.69	0.17	0.54	0.88	0.19	5	0.31	3.23
104	Spring Creek	07/20/00	Woody	CGP	14	83	72.63	7.36	6.72	0.50	0.05	0.00	0.89	0.37	0.26	0.33	0.13	2	0.37	2.66
104	Spring Creek	01/22/01	Woody	CGP	6	106	98.93	6.06	4.69	0.20	0.02	0.00	0.98	0.92	0.02	1.00	0.02	1	0.92	0.56
104	Spring Creek	07/23/01	No flow	CGP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
104	Bois d'Arc Creek	02/07/00	Woody	CGP	7	108	302.40	6.19	5.05	0.00	0.09	0.00	0.90	0.79	0.02	0.50	0.02	2	0.75	1.30
104	Bois d'Arc Creek	07/20/00	Woody	CGP	14	96	48.87	6.78	5.64	0.20	0.08	0.00	0.85	0.79	0.13	0.18	0.11	6	0.51	2.40
104	Bois d'Arc Creek	01/22/01	Riffle	CGP	13	112	209.07	5.07	4.73	0.00	0.29	0.00	0.60	0.48	0.23	0.80	0.14	4	0.39	2.79
104	Bois d'Arc Creek	07/19/01	Riffle	CGP	10	128	398.22	5.61	5.79	0.00	0.47	0.00	0.45	0.41	0.16	0.18	0.08	3	0.42	2.12
104	Bois d'Arc Creek	07/19/01	Woody	CGP	13	107	52.56	5.32	5.58	0.03	0.43	0.00	0.41	0.30	0.46	0.49	0.25	5	0.28	2.87
104	Turkey Creek	03/01/00	Riffle	CGP	13	107	713.33	5.56	5.37	0.00	0.33	0.00	0.62	0.41	0.24	0.93	0.13	2	0.31	2.88
104	Turkey Creek	07/19/00	Vegetation	CGP	18	111	159.38	6.42	6.34	0.40	0.05	0.00	0.77	0.45	0.12	0.50	0.06	2	0.29	3.25
104	Turkey Creek	07/19/00	Woody	CGP	12	56	11.20	6.16	5.64	0.00	0.16	0.00	0.75	0.66	0.16	0.30	0.13	4	0.29	2.99
104	Turkey Creek	02/06/01	Riffle	CGP	8	120	1120.00	5.65	4.74	0.00	0.10	0.00	0.84	0.83	0.00	#DIV/0!	0.00	0	0.81	1.16
104	Turkey Creek	02/06/01	Woody	CGP	6	125	350.00	6.06	4.77	0.00	0.05	0.00	0.94	0.90	0.04	0.83	0.04	1	0.89	0.75
104	Turkey Creek	07/24/01	No flow	CGP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Yellowstone Creek	03/01/00	Riffle	SWT	12	110	821.33	3.22	3.74	0.02	0.29	0.01	0.60	0.05	0.93	1.00	0.62	5	0.53	2.27
104	Yellowstone Creek	03/01/00	Woody	SWT	17	116	92.80	4.59	4.76	0.05	0.08	0.01	0.81	0.41	0.54	1.00	0.47	7	0.18	3.38
104	Yellowstone Creek	07/20/00	Riffle	SWT	16	98	83.15	4.30	5.11	0.01	0.46	0.00	0.38	0.18	0.59	0.70	0.27	5	0.38	2.89
104	Yellowstone Creek	07/20/00	Vegetation	SWT	13	75	35.00	6.07	5.16	0.00	0.03	0.00	0.95	0.83	0.13	0.43	0.12	5	0.31	2.67
104	Yellowstone Creek	02/06/01	Riffle	SWT	6	126	1176.00	1.52	2.75	0.00	0.02	0.86	0.12	0.08	0.92	1.00	0.90	2	0.86	0.85
104	Yellowstone Creek	02/06/01	Vegetation	SWT	10	148	414.40	1.63	2.91	0.00	0.06	0.85	0.06	0.05	0.95	1.00	0.87	4	0.85	1.02
104	Yellowstone Creek	07/24/01	Riffle	SWT	12	110	1026.67	3.13	4.19	0.00	0.35	0.00	0.57	0.01	0.98	1.00	0.55	4	0.46	2.13
104	Sandy Creek	03/01/00	Woody	CGP	19	124	330.67	5.49	5.01	0.00	0.07	0.00	0.74	0.64	0.18	0.81	0.14	6	0.47	2.97
104	Sandy Creek	07/20/00	Woody	CGP	15	97	91.29	6.06	5.06	0.03	0.36	0.00	0.60	0.45	0.51	0.53	0.46	6	0.41	2.68
104	Sandy Creek	07/23/01	Woody	CGP	20	109	152.60	5.01	4.55	0.00	0.28	0.06	0.28	0.09	0.87	0.91	0.61	10	0.16	3.83
104	Duck Creek	02/07/00	Riffle	CGP	8	108	1440.00	7.44	6.54	0.00	0.22	0.00	0.76	0.45	0.02	0.33	0.01	1	0.44	2.08
104	Duck Creek	02/07/00	Woody	CGP	8	97	197.53	6.08	4.72	0.11	0.09	0.00	0.89	0.89	0.02	0.22	0.02	1	0.77	1.32
104	Duck Creek	07/20/00	Riffle	CGP	11	107	332.89	4.45	5.46	0.02	0.52	0.00	0.10	0.05	0.84	0.93	0.24	3	0.43	2.48
104	Duck Creek	07/20/00	Vegetation	CGP	13	90	120.00	6.59	6.64	0.50	0.07	0.00	0.64	0.21	0.41	0.62	0.14	2	0.37	3.01
104	Duck Creek	07/20/00	Woody	CGP	8	80	37.33	6.63	5.80	0.07	0.18	0.00	0.79	0.76	0.02	0.02	0.01	1	0.53	1.90
104	Duck Creek	01/22/01	Riffle	CGP	6	118	734.22	6.00	4.63	0.14	0.06	0.00	0.94	0.92	0.01	1.00	0.01	1	0.92	0.53
104	Duck Creek	01/22/01	Woody	CGP	5	83	27.67	6.14	4.81	1.00	0.04	0.00	0.95	0.93	0.00	#DIV/0!	0.00	0	0.93	0.50
104	Bitter Creek	02/07/00	Vegetation	CGP	10	103	824.00	6.20	5.18	0.20	0.05	0.00	0.88	0.79	0.07	0.86	0.06	1	0.77	1.45
104	Bitter Creek	02/07/00	Woody	CGP	9	105	470.40	5.85	4.93	0.00	0.15	0.00	0.82	0.82	0.01	0.14	0.01	1	0.73	1.46
104	Bitter Creek	07/20/00	Woody	CGP	7	16	10.67	6.50	6.11	0.00	0.25	0.00	0.69	0.63	0.09	0.14	0.06	1	0.38	2.44
104	Bitter Creek	01/22/01	Woody	CGP	5	108	168.00	6.07	4.66	0.33	0.03	0.00	0.95	0.95	0.02	0.22	0.02	1	0.89	0.68

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
104	Bitter Creek	07/19/01	Riffle	CGP	18	78	26.00	5.83	6.15	0.07	0.48	0.00	0.33	0.31	0.25	0.36	0.10	6	0.35	3.16
104	Bitter Creek	07/19/01	Woody	CGP	12	107	99.87	5.92	6.45	0.01	0.73	0.01	0.07	0.07	0.27	0.30	0.03	3	0.38	2.43
104	North Canadian River	02/14/00	Vegetation	CGP	4	97	1450.85	5.98	4.95	0.00	0.55	0.00	0.44	0.44	0.02	1.00	0.01	1	0.55	1.19
104	North Canadian River	02/14/00	Woody	CGP	6	123	2207.69	5.93	5.01	0.00	0.67	0.00	0.30	0.30	0.12	1.00	0.04	3	0.65	1.22
104	North Canadian River	02/20/01	Vegetation	CGP	5	116	1154.84	6.00	4.81	0.00	0.05	0.00	0.94	0.92	0.00	#DIV/0!	0.00	0	0.76	1.14
104	North Canadian River	02/20/01	Woody	CGP	8	108	172.80	5.93	4.66	0.09	0.05	0.00	0.94	0.93	0.02	0.67	0.02	1	0.82	1.05
104	North Canadian River	07/23/01	Riffle	CGP	16	150	1400.00	5.67	4.77	0.03	0.25	0.00	0.53	0.46	0.39	0.70	0.29	6	0.32	2.88
104	North Canadian River	07/23/01	Vegetation	CGP	17	121	1290.67	5.03	4.77	0.09	0.28	0.00	0.56	0.22	0.75	0.91	0.68	9	0.21	3.57
104	North Canadian River	07/23/01	Woody	CGP	14	131	1956.27	5.24	4.72	0.00	0.40	0.00	0.54	0.37	0.57	0.73	0.49	6	0.39	2.72
104	Persimmon Creek	02/15/00	Vegetation	CGP	18	90	254.55	4.36	4.54	0.04	0.15	0.03	0.41	0.30	0.63	0.98	0.50	6	0.22	3.34
104	Persimmon Creek	02/15/00	Woody	CGP	12	97	474.83	5.34	4.49	0.09	0.06	0.02	0.78	0.75	0.20	1.00	0.19	5	0.74	1.55
104	Persimmon Creek	08/01/00	Riffle	CGP	13	106	164.89	5.21	4.37	0.00	0.45	0.00	0.40	0.13	0.78	0.83	0.47	5	0.24	2.96
104	Persimmon Creek	08/01/00	Woody	CGP	12	110	102.67	4.33	3.88	0.01	0.39	0.00	0.54	0.00	1.00	1.00	0.48	9	0.48	2.25
104	Persimmon Creek	02/20/01	Vegetation	CGP	16	108	378.00	5.58	5.09	1.00	0.01	0.01	0.82	0.61	0.18	1.00	0.13	7	0.58	2.21
104	Persimmon Creek	02/20/01	Woody	CGP	19	90	67.20	5.11	4.61	0.14	0.04	0.00	0.72	0.28	0.46	0.95	0.23	7	0.24	3.24
104	Persimmon Creek	07/26/01	Riffle	CGP	17	127	1128.89	5.08	4.34	0.01	0.49	0.06	0.22	0.06	0.88	0.94	0.46	5	0.35	3.12
104	Persimmon Creek	07/26/01	Woody	CGP	17	134	1000.53	4.32	4.11	0.04	0.17	0.02	0.76	0.04	0.86	0.90	0.28	8	0.59	2.39
104	Beaver River	02/03/00	Vegetation	SWT	15	109	271.29	5.09	4.96	0.00	0.17	0.00	0.65	0.46	0.42	1.00	0.33	6	0.42	2.78
104	Beaver River	07/25/00	Riffle	SWT	16	107	99.87	4.70	5.03	0.08	0.23	0.02	0.72	0.19	0.78	0.97	0.65	6	0.36	2.96
104	Beaver River	07/25/00	Vegetation	SWT	17	95	33.25	5.35	6.71	0.90	0.11	0.00	0.77	0.17	0.77	0.96	0.57	8	0.21	3.40
104	Beaver River	02/07/01	Vegetation	SWT	11	104	232.96	6.00	4.75	0.00	0.07	0.01	0.88	0.85	0.02	0.67	0.02	2	0.84	1.10
104	Beaver River	07/26/01	Vegetation	SWT	13	96	265.48	6.46	6.58	0.05	0.23	0.00	0.56	0.06	0.74	1.00	0.18	4	0.45	2.57
104	Clear Creek, Harper Co.	02/03/00	Vegetation	CGP	15	110	848.48	4.56	4.64	0.41	0.12	0.00	0.67	0.43	0.53	1.00	0.47	7	0.41	2.66
104	Clear Creek, Harper Co.	02/03/00	Woody	CGP	14	102	357.00	4.84	4.50	0.09	0.11	0.00	0.71	0.56	0.40	1.00	0.37	7	0.55	2.32
104	Clear Creek, Harper Co.	07/25/00	Vegetation	CGP	21	97	100.59	5.14	5.21	0.51	0.34	0.00	0.38	0.13	0.80	0.98	0.53	10	0.14	3.91
104	Clear Creek, Harper Co.	07/25/00	Woody	CGP	23	107	39.95	5.02	4.27	0.08	0.40	0.00	0.36	0.24	0.70	0.98	0.57	10	0.17	3.89
104	Clear Creek, Harper Co.	02/06/01	Vegetation	CGP	8	110	440.00	5.95	4.56	0.00	0.02	0.00	0.95	0.95	0.04	1.00	0.04	4	0.92	0.62
104	Clear Creek, Harper Co.	07/26/01	Vegetation	CGP	23	102	846.22	5.20	5.50	0.56	0.09	0.01	0.44	0.27	0.56	0.95	0.34	6	0.26	3.46
104	Kiowa Creek, Harper Co.	02/03/00	Vegetation	WHP	9	97	791.38	5.42	5.01	0.00	0.03	0.00	0.76	0.62	0.30	1.00	0.27	6	0.62	1.83
104	Kiowa Creek, Harper Co.	02/03/00	Woody	WHP	6	102	339.39	4.01	4.43	0.00	0.04	0.00	0.48	0.46	0.54	1.00	0.54	4	0.45	1.80
104	Kiowa Creek, Harper Co.	07/25/00	Vegetation	WHP	15	97	54.32	5.10	4.62	0.03	0.39	0.00	0.52	0.07	0.92	0.97	0.87	9	0.16	3.47
104	Kiowa Creek, Harper Co.	07/25/00	Woody	WHP	18	140	98.00	4.59	3.90	0.03	0.57	0.01	0.31	0.18	0.79	0.94	0.66	8	0.28	3.16

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
104	Kiowa Creek, Harper Co.	02/07/01	Woody	WHP	11	110	56.00	6.01	4.68	1.00	0.01	0.00	0.92	0.85	0.08	0.35	0.07	4	0.69	1.70
104	Kiowa Creek, Harper Co.	07/26/01	Riffle	WHP	15	95	591.11	4.07	5.44	0.00	0.03	0.01	0.55	0.16	0.72	1.00	0.41	5	0.34	3.00
104	Kiowa Creek, Harper Co.	07/26/01	Vegetation	WHP	18	109	1356.44	5.06	5.10	0.17	0.06	0.03	0.66	0.15	0.82	0.93	0.69	8	0.26	3.42
104	Kiowa Creek, Beaver Co.	02/03/00	Riffle	SWT	11	100	1958.04	5.79	5.98	0.20	0.03	0.00	0.87	0.27	0.61	1.00	0.42	5	0.26	2.60
104	Kiowa Creek, Beaver Co.	02/03/00	Vegetation	SWT	11	107	1065.24	5.14	4.77	0.00	0.04	0.00	0.84	0.60	0.38	1.00	0.36	6	0.54	2.32
104	Kiowa Creek, Beaver Co.	02/03/00	Woody	SWT	13	108	1661.54	5.33	4.54	0.00	0.06	0.00	0.86	0.69	0.29	1.00	0.28	7	0.66	1.96
104	Kiowa Creek, Beaver Co.	07/25/00	Vegetation	SWT	20	112	69.69	5.52	5.25	0.23	0.12	0.00	0.54	0.13	0.80	0.85	0.54	8	0.15	3.67
104	Kiowa Creek, Beaver Co.	02/07/01	Riffle	SWT	10	85	1410.37	6.02	5.43	0.00	0.02	0.00	0.87	0.69	0.09	0.86	0.07	3	0.68	1.74
104	Kiowa Creek, Beaver Co.	02/07/01	Vegetation	SWT	7	107	149.80	5.88	4.72	0.00	0.02	0.00	0.96	0.86	0.09	1.00	0.08	3	0.84	0.99
104	Kiowa Creek, Beaver Co.	07/17/01	Riffle	SWT	16	136	1692.44	4.90	4.65	0.00	0.06	0.01	0.85	0.23	0.72	0.85	0.58	5	0.29	3.08
104	Kiowa Creek, Beaver Co.	07/17/01	Vegetation	SWT	14	105	435.56	4.53	4.64	0.67	0.03	0.00	0.35	0.09	0.90	0.94	0.74	7	0.52	2.51
104	Clear Creek, Beaver Co.	02/03/00	Vegetation	WHP	5	100	933.33	5.94	4.77	0.02	0.29	0.00	0.71	0.71	0.01	1.00	0.01	1	0.70	1.11
104	Clear Creek, Beaver Co.	02/03/00	Woody	WHP	3	119	833.00	5.88	4.76	0.00	0.24	0.00	0.76	0.76	0.00	#DIV/0!	0.00	0	0.76	0.98
104	Clear Creek, Beaver Co.	07/25/00	No flow	WHP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Clear Creek, Beaver Co.	02/07/01	Vegetation	WHP	17	93	37.20	6.21	5.47	0.27	0.26	0.02	0.67	0.52	0.04	0.67	0.02	1	0.49	2.62
104	Clear Creek, Beaver Co.	07/17/01	No flow	WHP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Palo Duro Creek	02/02/00	Vegetation	SWT	5	117	1344.00	6.02	4.79	0.00	0.30	0.00	0.68	0.68	0.00	#DIV/0!	0.00	0	0.68	1.08
104	Palo Duro Creek	02/02/00	Woody	SWT	3	128	1792.00	6.00	5.19	0.00	0.88	0.00	0.12	0.12	0.00	#DIV/0!	0.00	0	0.88	0.56
104	Palo Duro Creek	07/24/00	No flow	SWT	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Palo Duro Creek	02/07/01	Vegetation	SWT	6	134	1250.67	5.99	4.94	0.02	0.49	0.00	0.50	0.50	0.00	#DIV/0!	0.00	0	0.49	1.22
104	Palo Duro Creek	07/16/01	No flow	SWT	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Wolf Creek	02/15/00	Vegetation	CGP	11	96	1792.00	5.59	4.71	0.16	0.20	0.00	0.64	0.59	0.26	1.00	0.21	4	0.53	2.29
104	Wolf Creek	02/15/00	Woody	CGP	10	116	2969.60	5.78	4.69	0.00	0.22	0.00	0.70	0.69	0.12	0.92	0.09	3	0.66	1.66
104	Wolf Creek	02/05/01	Vegetation	CGP	5	99	308.00	5.98	4.58	0.00	0.03	0.00	0.95	0.95	0.01	1.00	0.01	1	0.94	0.45
104	Wolf Creek	02/05/01	Woody	CGP	4	120	384.00	5.93	4.57	0.00	0.06	0.00	0.94	0.93	0.06	1.00	0.06	1	0.93	0.46
104	Wolf Creek	07/26/01	Vegetation	CGP	18	92	1373.87	4.72	4.92	0.19	0.17	0.00	0.70	0.18	0.78	0.91	0.64	7	0.26	3.55
104	Wolf Creek	07/26/01	Woody	CGP	16	99	1478.40	4.31	4.30	0.00	0.64	0.00	0.33	0.07	0.92	0.96	0.80	7	0.62	2.23
104	Buzzard Creek	02/03/00	Vegetation	SWT	10	104	2912.00	4.42	4.73	1.00	0.02	0.00	0.71	0.28	0.71	1.00	0.67	4	0.41	2.26
104	Buzzard Creek	02/03/00	Woody	SWT	9	101	3625.64	4.23	4.84	1.00	0.03	0.00	0.70	0.38	0.60	1.00	0.57	3	0.36	2.07
104	Buzzard Creek	07/25/00	Vegetation	SWT	18	104	27.73	5.02	3.90	0.20	0.02	0.00	0.35	0.13	0.85	0.92	0.69	8	0.50	2.88
104	Buzzard Creek	02/05/01	Vegetation	SWT	5	94	1096.67	5.94	4.57	1.00	0.02	0.00	0.97	0.93	0.04	1.00	0.04	2	0.93	0.52
104	Buzzard Creek	07/26/01	Vegetation	SWT	22	82	612.27	4.74	5.60	0.68	0.12	0.06	0.51	0.16	0.75	0.90	0.46	7	0.15	3.99

OCC Task	Stream name:	Date:	Sample Type	E-region	Number of taxa*	Number of organisms	Density/1 minute effort	Modified Hilsenhoff biotic index*	Modified North Carolina biotic index	Scrapers/scrapers + filtering collectors	Scrapers and filtering collectors/total	Shredders/total	Gathering collectors/total	Chironomidae/total	EPT/EPT + Chironomidae	EPT/EPT + Chronomini*	EPT/total*	EPT taxa*	Dominants/total*	Shannon Diversity*
104	Corrumpa Creek	02/02/00	Vegetation	WHP	11	119	1110.67	6.08	4.94	0.25	0.07	0.01	0.88	0.83	0.01	1.00	0.01	1	0.79	1.41
104	Corrumpa Creek	07/24/00	No flow	WHP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Corrumpa Creek	02/08/01	No flow	WHP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Corrumpa Creek	02/26/01	Vegetation	WHP	15	98	228.67	6.37	5.67	0.50	0.02	0.02	0.81	0.58	0.03	1.00	0.02	1	0.57	2.34
104	Corrumpa Creek	07/16/01	No flow	WHP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Cimarron River, East	02/02/00	Riffle	WHP	11	106	3738.98	5.46	5.28	0.03	0.34	0.00	0.64	0.29	0.52	1.00	0.31	2	0.30	2.48
104	Cimarron River, East	02/02/00	Vegetation	WHP	15	99	462.00	6.14	5.69	0.00	0.37	0.00	0.59	0.34	0.36	1.00	0.19	4	0.36	2.90
104	Cimarron River, East	02/02/00	Woody	WHP	14	101	78.56	6.24	6.07	#DIV/0!	0.00	0.02	0.98	0.53	0.29	0.96	0.22	4	0.27	2.98
104	Cimarron River, East	07/24/00	Riffle	WHP	16	118	157.33	6.42	6.82	0.40	0.34	0.00	0.59	0.18	0.36	1.00	0.10	5	0.34	3.01
104	Cimarron River, East	07/24/00	Vegetation	WHP	7	126	235.20	7.79	7.78	1.00	0.34	0.00	0.50	0.13	0.06	0.33	0.01	1	0.36	2.13
104	Cimarron River, East	02/08/01	Riffle	WHP	12	296	502.30	6.17	5.53	0.05	0.71	0.01	0.26	0.20	0.16	1.00	0.04	2	0.65	1.87
104	Cimarron River, East	02/08/01	Vegetation	WHP	9	96	67.20	7.09	6.62	0.86	0.07	0.08	0.78	0.25	0.37	1.00	0.15	3	0.47	2.21
104	Cimarron River, East	07/16/01	No flow	WHP	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Cimarron River, West	02/02/00	Riffle	SWT	9	103	1643.30	5.45	5.55	0.00	0.58	0.00	0.40	0.32	0.08	1.00	0.03	1	0.33	2.42
104	Cimarron River, West	02/02/00	Vegetation	SWT	8	115	1032.05	5.70	5.07	0.00	0.49	0.01	0.50	0.31	0.37	1.00	0.18	3	0.46	2.06
104	Cimarron River, West	07/24/00	No flow	SWT	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	Cimarron River, West	02/08/01	Riffle	SWT	7	937	3498.13	6.34	5.70	0.00	0.85	0.00	0.15	0.04	0.05	1.00	0.00	1	0.85	0.88
104	Cimarron River, West	02/08/01	Vegetation	SWT	5	346	242.20	5.82	4.93	0.00	0.76	0.11	0.14	0.13	0.45	0.97	0.11	1	0.76	1.09
104	Cimarron River, West	07/16/01	Riffle	SWT	11	91	53.08	6.84	7.05	0.50	0.02	0.01	0.91	0.16	0.82	0.91	0.75	1	0.75	1.55
104	South Carrizzo Creek	02/02/00	Vegetation	SWT	15	124	771.56	6.21	5.61	0.02	0.24	0.01	0.73	0.47	0.28	0.96	0.18	4	0.22	3.17
104	South Carrizzo Creek	07/24/00	Vegetation	SWT	17	112	100.80	6.81	7.74	0.80	0.09	0.00	0.82	0.09	0.87	0.90	0.61	2	0.45	2.82
104	North Carrizo Creek	02/08/01	No flow	SWT	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
104	North Carrizo Creek	07/16/01	No flow	SWT	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na

SUMMER RIFFLE

Variable	E-region	N	Mean	StDev	SE Mean	Min	Max	Median	Q1	Q3
No.taxa	CGP	55	14.455	3.971	0.535	3	21	15	12	18
	COTP	6	13.5	4.72	1.93	7	20	14	9.25	17
	SWT	11	13.727	2.867	0.864	9	18	14	11	16
	WHP	2	15.5	0.707	0.5	15	16	15.5	*	*
HBI	CGP	55	5.418	0.998	0.135	3.38	7.36	5.27	4.53	6.29
	COTP	6	5.575	0.791	0.323	4.58	6.6	5.36	4.97	6.487
	SWT	11	4.495	1.226	0.37	2.07	6.84	4.7	4.06	4.98
	WHP	2	5.24	1.66	1.17	4.07	6.42	5.24	*	*
EPT/ EPT+Chironomini	CGP	55	0.53	0.3539	0.0477	0	1	0.55	0.18	0.88
	COTP	6	0.372	0.327	0.133	0	0.86	0.355	0.053	0.657
	SWT	11	0.7245	0.3206	0.0967	0	1	0.85	0.55	0.97
	WHP	2	1	0	0	1	1	1	*	*
EPT/TOTAL	CGP	55	0.2085	0.1692	0.0228	0	0.68	0.16	0.08	0.33
	COTP	6	0.203	0.245	0.1	0	0.65	0.125	0.015	0.388
	SWT	11	0.3027	0.2754	0.083	0	0.75	0.19	0.09	0.58
	WHP	2	0.255	0.219	0.155	0.1	0.41	0.255	*	*
EPT Taxa	CGP	55	3.982	1.861	0.251	0	9	4	3	5
	COTP	6	3.167	1.941	0.792	0	5	3.5	1.5	5
	SWT	11	3.364	1.912	0.576	0	6	4	2	5
	WHP	2	5	0	0	5	5	5	*	*
Dominants/Total	CGP	55	0.4145	0.1343	0.0181	0.2	0.83	0.39	0.32	0.53
	COTP	6	0.3767	0.1624	0.0663	0.21	0.58	0.35	0.21	0.565
	SWT	11	0.5145	0.1513	0.0456	0.29	0.75	0.54	0.38	0.63
	WHP	2	0.34	0	0	0.34	0.34	0.34	*	*
Shanon Diversity	CGP	55	2.6616	0.5962	0.0804	0.7	3.7	2.69	2.26	3.15
	COTP	6	2.637	0.63	0.257	1.81	3.47	2.62	2.05	3.245
	SWT	11	2.36	0.514	0.155	1.55	3.08	2.44	1.78	2.89
	WHP	2	3.005	0.0071	0.005	3	3.01	3.005	*	*

SUMMER VEGETATION

Variable	E-region	N	Mean	StDev	SE Mean	Min	Max	Median	Q1	Q3
No.taxa	CGP	51	15.118	4.559	0.638	5	24	16	12	18
	COTP	8	14.5	5.32	1.88	8	23	13.5	9.75	19.75
	SWT	17	15.647	3.278	0.795	11	22	15	13	18
	WHP	3	13.33	5.69	3.28	7	18	15	7	18
HBI	CGP	51	6.335	0.928	0.13	4.7	7.9	6.45	5.59	7.14
	COTP	8	6.171	0.995	0.352	4.95	7.32	6.385	5.067	7.145
	SWT	17	5.868	1.026	0.249	4.02	7.59	5.57	5.175	6.815
	WHP	3	5.983	1.565	0.903	5.06	7.79	5.1	5.06	7.79
EPT/ EPT+Chironomini	CGP	51	0.5292	0.3283	0.046	0	1	0.57	0.16	0.87
	COTP	8	0.371	0.366	0.129	0	0.93	0.285	0.053	0.78
	SWT	17	0.7006	0.3285	0.0797	0	1	0.89	0.465	0.93
	WHP	3	0.743	0.359	0.207	0.33	0.97	0.93	0.33	0.97
EPT/TOTAL	CGP	51	0.2065	0.1827	0.0256	0	0.68	0.14	0.05	0.34
	COTP	8	0.2187	0.2142	0.0757	0	0.56	0.155	0.03	0.45
	SWT	17	0.3076	0.257	0.0623	0	0.74	0.24	0.05	0.555
	WHP	3	0.523	0.454	0.262	0.01	0.87	0.69	0.01	0.87
EPT Taxa	CGP	51	3.941	2.111	0.296	0	10	4	2	5
	COTP	8	4.25	2.659	0.94	0	8	4.5	1.75	6
	SWT	17	4.588	2.83	0.686	0	8	5	2	7.5
	WHP	3	6	4.36	2.52	1	9	8	1	9
Dominants/Total	CGP	51	0.3698	0.2032	0.0285	0.14	0.88	0.29	0.23	0.53
	COTP	8	0.4838	0.1586	0.0561	0.2	0.71	0.465	0.4125	0.63
	SWT	17	0.3859	0.1686	0.0409	0.15	0.67	0.33	0.255	0.51
	WHP	3	0.26	0.1	0.0577	0.16	0.36	0.26	0.16	0.36
Shanon Diversity	CGP	51	2.846	0.822	0.115	0.7	3.91	3.18	2.28	3.46
	COTP	8	2.578	0.791	0.28	1.41	3.92	2.485	1.955	3.175
	SWT	17	2.828	0.625	0.152	1.81	3.99	2.67	2.335	3.36
	WHP	3	3.007	0.76	0.439	2.13	3.47	3.42	2.13	3.47

SUMMER WOODY

Variable	E-region	N	Mean	StDev	SE Mean	Min	Max	Median	Q1	Q3
No.taxa	CGP	71	14.155	4.073	0.483	6	26	14	12	17
	SWT	3	12	0	0	12	12	12	12	12
	COTP	7	13.29	4.86	1.84	6	21	13	9	16
	WHP	1	18	*	*	18	18	18	*	*
HBI	CGP	71	6.087	0.89	0.106	4.26	7.6	6.13	5.46	6.69
	SWT	3	5.2	0.59	0.341	4.61	5.79	5.2	4.61	5.79
	COTP	7	5.62	0.969	0.366	4.63	7.11	5.55	4.7	6.74
	WHP	1	4.59	*	*	4.59	4.59	4.59	*	*
EPT/ EPT+Chironomini	CGP	71	0.4034	0.2932	0.0348	0	1	0.33	0.18	0.62
	SWT	3	0.337	0.299	0.172	0	0.57	0.44	0	0.57
	COTP	7	0.339	0.303	0.114	0	0.85	0.38	0.04	0.56
	WHP	1	0.94	*	*	0.94	0.94	0.94	*	*
EPT/TOTAL	CGP	71	0.2224	0.2118	0.0251	0	0.94	0.14	0.06	0.3
	SWT	3	0.217	0.188	0.108	0	0.33	0.32	0	0.33
	COTP	7	0.2043	0.2636	0.0996	0	0.73	0.09	0.02	0.38
	WHP	1	0.66	*	*	0.66	0.66	0.66	*	*
EPT Taxa	CGP	71	4.493	2.535	0.301	0	10	5	2	6
	SWT	3	3	2.65	1.53	0	5	4	0	5
	COTP	7	3.86	2.97	1.12	0	9	4	1	5
	WHP	1	8	*	*	8	8	8	*	*
Dominants/Total	CGP	71	0.4386	0.1664	0.0197	0.15	0.86	0.39	0.31	0.55
	SWT	3	0.3767	0.1234	0.0713	0.24	0.48	0.41	0.24	0.48
	COTP	7	0.4929	0.1975	0.0746	0.3	0.81	0.44	0.31	0.68
	WHP	1	0.28	*	*	0.28	0.28	0.28	*	*
Shanon Diversity	CGP	71	2.5711	0.6447	0.0765	0.9	3.95	2.64	2.19	2.99
	SWT	3	2.7	0.321	0.185	2.42	3.05	2.63	2.42	3.05
	COTP	7	2.359	0.803	0.304	1	3.48	2.48	1.93	2.98
	WHP	1	3.16	*	*	3.16	3.16	3.16	*	*

WINTER RIFFLE

Variable	E-region	N	Mean	StDev	SE Mean	Min	Max	Median	Q1	Q3
No.taxa	CGP	43	10.233	4.128	0.63	2	19	10	8	13
	COTP	5	13.2	2.95	1.32	9	16	13	10.5	16
	SWT	12	9.667	3.143	0.907	6	15	9.5	7	12
	WHP	2	11.5	0.707	0.5	11	12	11.5	*	*
HBI	CGP	43	5.9105	0.4469	0.0682	4.82	7.44	5.9	5.65	6.15
	COTP	5	6.022	0.58	0.26	5.18	6.77	6.05	5.52	6.51
	SWT	12	5.254	1.43	0.413	1.52	6.34	5.725	5.255	6.062
	WHP	2	5.815	0.502	0.355	5.46	6.17	5.815	*	*
EPT/ EPT+Chironomini	CGP	43	0.5719	0.4222	0.0644	0	1	0.75	0	1
	COTP	5	0.63	0.358	0.16	0.03	0.91	0.73	0.315	0.895
	SWT	12	0.655	0.442	0.128	0	1	0.93	0.083	1
	WHP	2	1	0	0	1	1	1	*	*
EPT/TOTAL	CGP	43	0.0549	0.0699	0.0107	0	0.32	0.03	0	0.09
	COTP	5	0.064	0.0336	0.015	0.01	0.1	0.07	0.035	0.09
	SWT	12	0.1817	0.2999	0.0866	0	0.9	0.045	0	0.3325
	WHP	2	0.175	0.191	0.135	0.04	0.31	0.175	*	*
EPT Taxa	CGP	43	1.581	1.468	0.224	0	5	1	0	2
	COTP	5	2	1.414	0.632	1	4	1	1	3.5
	SWT	12	1.833	1.749	0.505	0	5	1.5	0.25	2.75
	WHP	2	2	0	0	2	2	2	*	*
Dominants/Total	CGP	43	0.62	0.1965	0.03	0.29	0.92	0.65	0.44	0.8
	COTP	5	0.442	0.1096	0.049	0.32	0.57	0.46	0.33	0.545
	SWT	12	0.6033	0.2506	0.0723	0.26	0.95	0.605	0.3525	0.8575
	WHP	2	0.475	0.247	0.175	0.3	0.65	0.475	*	*
Shanon Diversity	CGP	43	1.783	0.815	0.124	0.49	3.52	1.63	1.05	2.46
	COTP	5	2.628	0.434	0.194	2.11	3.09	2.46	2.26	3.08
	SWT	12	1.802	0.89	0.257	0.39	2.94	2.005	0.858	2.593
	WHP	2	2.175	0.431	0.305	1.87	2.48	2.175	*	*

WINTER VEGETATION

Variable	E-region	N	Mean	StDev	SE Mean	Min	Max	Median	Q1	Q3
No.taxa	CGP	60	9.7	4.035	0.521	3	21	9	7	12.75
	COTP	8	9.75	3.85	1.36	5	15	8.5	6.5	14.25
	SWT	23	9.391	4.098	0.855	3	18	8	6	12
	WHP	7	11.57	4.28	1.62	5	17	11	9	15
HBI	CGP	60	6.0185	0.4623	0.0597	4.36	7.37	6.025	5.91	6.1875
	COTP	8	6.238	0.354	0.125	5.86	7	6.105	6.035	6.403
	SWT	23	5.697	1.005	0.21	1.63	6.52	6	5.67	6.13
	WHP	7	6.179	0.502	0.19	5.42	7.09	6.14	5.94	6.37
EPT/ EPT+Chironomini	CGP	60	0.7188	0.3701	0.0478	0	1	0.925	0.515	1
	COTP	8	0.719	0.446	0.158	0	1	0.965	0.213	0.992
	SWT	23	0.6826	0.3991	0.0832	0	1	0.96	0.2	1
	WHP	7	0.9529	0.1247	0.0471	0.67	1	1	1	1
EPT/TOTAL	CGP	60	0.1115	0.1472	0.019	0	0.7	0.055	0.02	0.1525
	COTP	8	0.1913	0.2749	0.0972	0	0.82	0.105	0.005	0.26
	SWT	23	0.1504	0.2231	0.0465	0	0.87	0.06	0.01	0.18
	WHP	7	0.0957	0.1067	0.0403	0.01	0.27	0.02	0.01	0.19
EPT Taxa	CGP	60	2	1.573	0.203	0	7	2	1	2.75
	COTP	8	1.25	1.035	0.366	0	3	1	0.25	2
	SWT	23	2.174	1.723	0.359	0	6	2	1	3
	WHP	7	2.429	1.988	0.751	1	6	1	1	4
Dominants/Total	CGP	60	0.6577	0.1956	0.0253	0.22	0.97	0.67	0.5	0.8275
	COTP	8	0.6063	0.2155	0.0762	0.24	0.9	0.61	0.475	0.7925
	SWT	23	0.6252	0.221	0.0461	0.22	0.96	0.67	0.46	0.84
	WHP	7	0.5714	0.1462	0.0553	0.36	0.79	0.57	0.47	0.7
Shanon Diversity	CGP	60	1.657	0.812	0.105	0.22	3.43	1.595	1.015	2.165
	COTP	8	1.653	0.765	0.27	0.67	3.15	1.6	1.062	1.983
	SWT	23	1.689	0.877	0.183	0.27	3.43	1.42	1.02	2.32
	WHP	7	2.06	0.645	0.244	1.11	2.9	2.21	1.41	2.62

WINTER WOODY

Variable	E-region	N	Mean	StDev	SE Mean	Min	Max	Median	Q1	Q3
No.taxa	CGP	73	8.836	4.58	0.536	2	21	8	6	11
	COTP	9	6.11	4.37	1.46	2	13	5	2.5	11
	SWT	12	9	4.57	1.32	2	17	8.5	6	13
	WHP	4	8.5	4.93	2.47	3	14	8.5	3.75	13.25
HBI	CGP	73	5.9466	0.3145	0.0368	4.84	7.09	5.99	5.87	6.105
	COTP	9	6.0756	0.146	0.0487	5.88	6.33	6.02	5.985	6.205
	SWT	12	5.578	0.618	0.178	4.23	6.3	5.71	5.367	6.015
	WHP	4	5.535	1.028	0.514	4.01	6.24	5.945	4.477	6.183
EPT/ EPT+Chironomini	CGP	73	0.5519	0.3967	0.0464	0	1	0.58	0.14	1
	COTP	9	0.303	0.398	0.133	0	1	0	0	0.675
	SWT	12	0.647	0.426	0.123	0	1	0.85	0.125	1
	WHP	4	0.578	0.487	0.243	0	1	0.655	0.088	0.99
EPT/TOTAL	CGP	73	0.06123	0.07065	0.00827	0	0.37	0.04	0.01	0.095
	COTP	9	0.04	0.0527	0.0176	0	0.14	0	0	0.085
	SWT	12	0.1475	0.1952	0.0563	0	0.57	0.055	0.0025	0.26
	WHP	4	0.208	0.24	0.12	0	0.54	0.145	0.018	0.46
EPT Taxa	CGP	73	1.89	1.646	0.193	0	7	2	1	3
	COTP	9	1	1.323	0.441	0	3	0	0	2.5
	SWT	12	2.5	2.393	0.691	0	7	2	0.25	3
	WHP	4	3	2	1	0	4	4	1	4
Dominants/Total	CGP	73	0.6633	0.2029	0.0238	0.18	0.98	0.65	0.57	0.82
	COTP	9	0.7044	0.2408	0.0803	0.29	0.93	0.82	0.475	0.91
	SWT	12	0.6117	0.2659	0.0768	0.18	0.99	0.615	0.36	0.88
	WHP	4	0.543	0.225	0.113	0.27	0.76	0.57	0.315	0.743
Shanon Diversity	CGP	73	1.5532	0.849	0.0994	0.14	3.85	1.46	0.965	2.06
	COTP	9	1.214	0.844	0.281	0.36	2.67	0.94	0.505	2.055
	SWT	12	1.679	0.994	0.287	0.08	3.38	1.885	0.683	2.46
	WHP	4	1.865	0.828	0.414	0.98	2.98	1.75	1.16	2.685

Table 1. Assessment of Fish and Wildlife Propagation BU for Tasks 90 (Project 500) and 104 (Project 400) Intensive Sites.

Task	SiteName	WBID	County	F and W Prop (DO)	F and W Prop (pH)	F and W Prop (Turbidity)	Final F and W Prop Support Status
090	Roaring Creek	OK310810-02-0170G	Grady	supp	supp	supp	supp
090	Laflin Creek	OK310810-02-0200G	Grady	supp	supp	supp	supp
090	Winter Creek	OK310810-02-0220G	Grady	supp	supp	supp	supp
090	Rush Creek	OK310810-05-0010H	Garvin	supp	supp	supp	supp
090	Bitter Creek	OK310820-01-0030G	Grady	supp	supp	supp	supp
090	Little Washita River, Grady Co.	OK310820-02-0010B	Grady	supp	supp	p. supp	p. supp
090	Little Washita River, Caddo Co.	OK310820-02-0010F	Caddo	supp	supp	supp	supp
090	Washita River # 466	OK310830-03-0010G	Washita	supp	supp	supp	supp
104	Washita River # 145	OK310830-03-0010P	Custer	supp	supp	supp	supp
104	Beaver Creek	OK310830-03-01090G	Custer	supp	supp	supp	supp
104	West Barnitz Creek	OK310830-03-0230G	Custer	supp	supp	supp	supp
090	Willow Creek	OK310830-06-0030H	Caddo	supp	supp	supp	supp
104	Quartermaster Creek	OK310840-01-0060G	Custer	supp	supp	supp	supp
104	Washita River # 384	OK310840-02-0010G	Roger Mills	supp	supp	p. supp	p. supp
090	West Mud Creek	OK311100-04-0080G	Jefferson	not supp	supp	not supp	not supp
090	Dry Creek	OK311200-00-0080G	Stephens	p. supp	supp	p. supp	p. supp
090	Whiskey Creek	OK311210-00-0140D	Comanche	supp	supp	supp	supp
090	Cottonwood Creek	OK311210-00-0150G	Comanche	supp	supp	supp	supp
090	Tahoe Creek	OK311300-03-0070G	Caddo	supp	supp	supp	supp
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	supp	supp	supp	supp
090	Brush Creek	OK311310-03-0050G	Tillman	p. supp	supp	not supp	not supp
090	Stinking Creek	OK311500-01-0050G	Jackson	supp	supp	not supp	not supp
090	Tepee Creek	OK311500-01-0110G	Kiowa	p. supp	supp	supp	p. supp
090	West Otter Creek	OK311500-02-0040G	Kiowa	p. supp	supp	supp	p. supp
090	Little Elk Creek	OK311500-03-0040G	Kiowa	p. supp	supp	p. supp	p. supp
090	Turkey Creek	OK311510-02-0060G	Beckham	supp	supp	supp	supp
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	supp	supp	supp	supp
090	Bitter Creek	OK311600-02-0110G	Jackson	supp	supp	p. supp	p. supp
090	Cave Creek	OK311600-02-0140G	Greer	supp	supp	supp	supp
090	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	supp	supp	p. supp	p. supp
090	Fish Creek	OK311800-00-0130G	Greer	not supp	supp	p. supp	not supp
090	North Elm Creek	OK311800-00-0170G	Beckham	supp	supp	supp	supp
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	p. supp	supp	supp	p. supp
090	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	not supp	supp	supp	not supp
104	Shell Creek	OK520530-00-0030G	Canadian	not supp	supp	supp	not supp
090	Buggy Creek	OK520610-02-0120G	Caddo	supp	supp	p. supp	p. supp
090	North Walnut Creek	OK520610-03-0010G	McClain	supp	supp	p. supp	p. supp
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	supp	supp	p. supp	p. supp
104	Bear Creek	OK520620-01-0120G	Custer	supp	supp	supp	supp
104	Trail Creek, Dewey Co.	OK520620-02-00090G	Dewey	supp	supp	supp	supp
104	Canadian River	OK520620-03-0010G	Dewey	supp	supp	supp	supp
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	supp	supp	supp	supp
104	Red Creek	OK520620-03-0110G	Dewey	supp	supp	supp	supp
104	West Beaver Creek	OK6200900-03-0260G	Logan	supp	supp	supp	supp
104	Stillwater Creek	OK6200900-04-0270G	Payne	p. supp	supp	supp	p. supp
104	Elm Creek	OK620910-02-0270G	Blaine	supp	supp	p. supp	p. supp
104	Otter Creek	OK620910-03-0040G	Logan	supp	supp	supp	supp
104	Skeleton Creek	OK620910-03-0240E	Garfield	supp	supp	supp	supp
104	Cottonwood Creek	OK620910-04-0010G	Logan	supp	supp	supp	supp
104	Chisolm Creek	OK620910-04-0100G	Logan	supp	supp	supp	supp
104	Deer Creek	OK620910-04-0120B	Logan	supp	supp	not supp	not supp
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	supp	supp	supp	supp
104	Trail Creek	OK620910-05-0020G	Kingfisher	supp	supp	supp	supp
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	supp	supp	not supp	not supp
104	Griever Creek	OK620920-01-0130K	Major	supp	supp	supp	supp
104	Traders Creek	OK620920-02-0170G	Woodward	supp	supp	supp	supp
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	supp	supp	supp	supp
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	supp	supp	supp	supp
104	Spring Creek	OK621000-02-0130G	Grant	supp	supp	supp	supp
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	supp	p. supp	supp	p. supp
104	Turkey Creek	OK621010-01-0230G	Woods	supp	supp	supp	supp
104	Yellowstone Creek	OK621010-01-0270G	Woods	supp	supp	supp	supp
104	Sandy Creek	OK621010-02-0010G	Alfalfa	supp	supp	supp	supp
104	Duck Creek	OK621100-00-0030Q	Kay	supp	supp	supp	supp
104	Bitter Creek	OK621100-00-0100G	Kay	supp	supp	p. supp	p. supp
104	North Canadian River	OK720500-01-0010K	Woodward	supp	supp	p. supp	p. supp
104	Persimmon Creek	OK720500-01-0150G	Woodward	supp	supp	ins data	ins data
104	Beaver River	OK720500-02-0010G	Harper	supp	supp	supp	supp
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	supp	supp	supp	supp
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	supp	supp	supp	supp
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	supp	supp	supp	supp
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	p. supp	supp	supp	p. supp
104	Palo Duro Creek	OK720500-02-0500G	Texas	supp	supp	supp	supp
104	Wolf Creek	OK720500-03-0010G	Woodward	supp	supp	supp	supp
104	Buzzard Creek	OK720500-03-0080G	Ellis	supp	supp	ins data	ins data
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	not supp	supp	supp	not supp
104	Cimarron River, East	OK7200900-00-0010G	Cimarron	supp	supp	supp	supp
104	Cimarron River, West	OK7200900-00-0180G	Cimarron	supp	supp	p. supp	p. supp
104	North Carrizo Creek	OK7200900-00-0280G	Cimarron	supp	supp	supp	supp

Table 2. Assessment of Primary Body Contact Recreation BU for Tasks 90 (Project 500) and 104 (Project 400) Intensive Sites.

Task	SiteName	WBID	County	PBCR (F col)	PBCR (E coli)	PBCR (Enterococcus)	Final PBCR Support Status
090	Roaring Creek	OK310810-02-0170G	Grady	not supp	not supp	not supp	not supp
090	Laflin Creek	OK310810-02-0200G	Grady	not supp	not supp	not supp	not supp
090	Winter Creek	OK310810-02-0220G	Grady	ins data	ins data	ins data	ins data
090	Rush Creek	OK310810-05-0010H	Garvin	not supp	ins data	ins data	not supp
090	Bitter Creek	OK310820-01-0030G	Grady	not supp	ins data	not supp	not supp
090	Little Washita River, Grady Co.	OK310820-02-0010B	Grady	not supp	ins data	not supp	not supp
090	Little Washita River, Caddo Co.	OK310820-02-0010F	Caddo	not supp	ins data	not supp	not supp
090	Washita River # 466	OK310830-03-0010G	Washita	not supp	not supp	not supp	not supp
104	Washita River # 145	OK310830-03-0010P	Custer	not supp	ins data	not supp	not supp
104	Beaver Creek	OK310830-03-0190G	Custer	use na	use na	use na	use na
104	West Barnitz Creek	OK310830-03-0230G	Custer	ins data	ins data	not supp	not supp
090	Willow Creek	OK310830-06-0030H	Caddo	not supp	not supp	not supp	not supp
104	Quartermaster Creek	OK310840-01-0060G	Custer	not supp	ins data	not supp	not supp
104	Washita River # 384	OK310840-02-0010G	Roger Mills	ins data	ins data	ins data	ins data
090	West Mud Creek	OK311100-04-0080G	Jefferson	not supp	ins data	not supp	not supp
090	Dry Creek	OK311200-00-0080G	Stephens	not supp	not supp	not supp	not supp
090	Whiskey Creek	OK311210-00-0140D	Comanche	not supp	not supp	not supp	not supp
090	Cottonwood Creek	OK311210-00-0150G	Comanche	not supp	not supp	not supp	not supp
090	Tahoe Creek	OK311300-03-0070G	Caddo	not supp	ins data	ins data	not supp
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	ins data	ins data	not supp	not supp
090	Brush Creek	OK311310-03-0050G	Tillman	not supp	not supp	not supp	not supp
090	Stinking Creek	OK311500-01-0050G	Jackson	not supp	not supp	not supp	not supp
090	Tepee Creek	OK311500-01-0110G	Kiowa	not supp	not supp	not supp	not supp
090	West Otter Creek	OK311500-02-0040G	Kiowa	not supp	not supp	not supp	not supp
090	Little Elk Creek	OK311500-03-0040G	Kiowa	not supp	not supp	not supp	not supp
090	Turkey Creek	OK311510-02-0060G	Beckham	not supp	ins data	not supp	not supp
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	ins data	ins data	not supp	not supp
090	Bitter Creek	OK311600-02-0110G	Jackson	use na	use na	use na	use na
090	Cave Creek	OK311600-02-0140G	Greer	not supp	not supp	not supp	not supp
090	Deer Creek, Greer	OK311800-00-0070C	Greer	not supp	not supp	not supp	not supp
090	Fish Creek	OK311800-00-0130G	Greer	not supp	ins data	not supp	not supp
090	North Elm Creek	OK311800-00-0170G	Beckham	ins data	ins data	ins data	ins data
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	ins data	ins data	not supp	not supp
090	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	not supp	not supp	not supp	not supp
104	Shell Creek	OK520530-00-0030G	Canadian	not supp	not supp	not supp	not supp
090	Buggy Creek	OK520610-02-0120G	Caddo	not supp	not supp	not supp	not supp
090	North Walnut Creek	OK520610-03-0010G	McClain	ins data	ins data	ins data	ins data
090	Walnut Creek, North Fork	OK520610-03-0080G	McClain	not supp	not supp	not supp	not supp
104	Bear Creek	OK520620-01-0120G	Custer	not supp	not supp	not supp	not supp
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	not supp	not supp	not supp	not supp
104	Canadian River	OK520620-03-0010G	Dewey	ins data	ins data	ins data	ins data
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	not supp	not supp	not supp	not supp
104	Red Creek	OK520620-03-0110G	Dewey	not supp	ins data	not supp	not supp
104	West Beaver Creek	OK620900-03-0260G	Logan	not supp	ins data	not supp	not supp
104	Stillwater Creek	OK620900-04-0270G	Payne	ins data	ins data	ins data	ins data
104	Elm Creek	OK620910-02-0270G	Blaine	not supp	ins data	not supp	not supp
104	Otter Creek	OK620910-03-0040G	Logan	not supp	ins data	ins data	not supp
104	Skeleton Creek	OK620910-03-0240E	Garfield	use na	use na	use na	use na
104	Cottonwood Creek	OK620910-04-0010G	Logan	not supp	not supp	not supp	not supp
104	Chisolm Creek	OK620910-04-0100G	Logan	ins data	ins data	ins data	ins data
104	Deer Creek	OK620910-04-0120B	Logan	not supp	not supp	not supp	not supp
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	not supp	ins data	not supp	not supp
104	Trail Creek	OK620910-05-0020G	Kingfisher	not supp	not supp	not supp	not supp
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	not supp	ins data	not supp	not supp
104	Griever Creek	OK620920-01-0130K	Major	ins data	ins data	not supp	not supp
104	Traders Creek	OK620920-02-0170G	Woodward	ins data	ins data	not supp	not supp
104	Buffalo Creek, Lower	OK620920-05-0010G	Harper	ins data	ins data	not supp	not supp
104	Cimarron River	OK620930-00-0010G	Harper	ins data	ins data	ins data	ins data
104	Spring Creek	OK621000-02-0130G	Grant	not supp	not supp	not supp	not supp
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	not supp	not supp	not supp	not supp
104	Turkey Creek	OK621010-01-0230G	Woods	ins data	not supp	not supp	not supp
104	Yellowstone Creek	OK621010-01-0270G	Woods	not supp	ins data	ins data	not supp
104	Sandy Creek	OK621010-02-0010G	Alfalfa	not supp	not supp	not supp	not supp
104	Duck Creek	OK621100-00-0030Q	Kay	not supp	ins data	not supp	not supp
104	Bitter Creek	OK621100-00-0100G	Kay	not supp	not supp	not supp	not supp
104	North Canadian River	OK720500-01-0010K	Woodward	ins data	ins data	ins data	ins data
104	Persimmon Creek	OK720500-01-0150G	Woodward	not supp	not supp	not supp	not supp
104	Beaver River	OK720500-02-0010G	Harper	ins data	ins data	ins data	ins data
104	Clear Creek	OK720500-02-0070G	Harper	not supp	ins data	not supp	not supp
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	not supp	not supp	not supp	not supp
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	ins data	ins data	ins data	ins data
104	Clear Creek	OK720500-02-0300G	Beaver	ins data	ins data	ins data	ins data
104	Palo Duro Creek	OK720500-02-0500G	Texas	not supp	not supp	ins data	not supp
104	Wolf Creek	OK720500-03-0010G	Woodward	not supp	ins data	not supp	not supp
104	Buzzard Creek	OK720500-03-0080G	Ellis	not supp	not supp	ins data	not supp
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	not supp	not supp	not supp	not supp
104	Cimarron River, East	OK720900-00-0010G	Cimarron	ins data	ins data	ins data	ins data
104	Cimarron River, West	OK720900-00-0180G	Cimarron	not supp	ins data	not supp	not supp
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	ins data	ins data	ins data	ins data

Table 3. Assessment of Public and Private Water Supply BU for Tasks 90 (Project 500) and 104 (Project 400) Intensive Sites.

Task	ModName	WBID	County	PPWS (F col)	PPWS (NO3)	Final PPWS Support Status
090	Roaring Creek	OK310810-02-0170G	Grady	supp	supp	supp
090	Laflin Creek	OK310810-02-0200G	Grady	supp	supp	supp
090	Winter Creek	OK310810-02-0220G	Grady	supp	supp	supp
090	Rush Creek	OK310810-05-0010H	Garvin	use na	use na	use na
090	Bitter Creek	OK310820-01-0030G	Grady	supp	supp	supp
090	Little Washita River, Grady Co.	OK310820-02-0010B	Grady	supp	supp	supp
090	Little Washita River, Caddo Co.	OK310820-02-0010F	Caddo	supp	supp	supp
090	Washita River # 466	OK310830-03-0010G	Washita	supp	supp	supp
104	Washita River # 145	OK310830-03-0010P	Custer	supp	supp	supp
104	Beaver Creek	OK310830-03-0190G	Custer	use na	use na	use na
104	West Barnitz Creek	OK310830-03-0230G	Custer	supp	supp	supp
090	Willow Creek	OK310830-06-0030H	Caddo	supp	supp	supp
104	Quartermaster Creek	OK310840-01-0060G	Custer	supp	supp	supp
104	Washita River # 384	OK310840-02-0010G	Roger Mills	supp	supp	supp
090	West Mud Creek	OK311100-04-0080G	Jefferson	ins data	ins data	ins data
090	Dry Creek	OK311200-00-0080G	Stephens	supp	supp	supp
090	Whiskey Creek	OK311210-00-0140D	Comanche	use na	use na	use na
090	Cottonwood Creek	OK311210-00-0150G	Comanche	use na	use na	use na
090	Tahoe Creek	OK311300-03-0070G	Caddo	supp	supp	supp
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	supp	supp	supp
090	Brush Creek	OK311310-03-0050G	Tillman	use na	use na	use na
090	Stinking Creek	OK311500-01-0050G	Jackson	not supp	supp	not supp
090	Tepee Creek	OK311500-01-0110G	Kiowa	use na	use na	use na
090	West Otter Creek	OK311500-02-0040G	Kiowa	supp	supp	supp
090	Little Elk Creek	OK311500-03-0040G	Kiowa	supp	supp	supp
090	Turkey Creek	OK311510-02-0060G	Beckham	supp	supp	supp
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	supp	supp	supp
090	Bitter Creek	OK311600-02-0110G	Jackson	use na	use na	use na
090	Cave Creek	OK311600-02-0140G	Greer	use na	use na	use na
090	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	supp	supp	supp
090	Fish Creek	OK311800-00-0130G	Greer	supp	supp	supp
090	North Elm Creek	OK311800-00-0170G	Beckham	supp	supp	supp
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	use na	use na	use na
090	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	not supp	supp	not supp
104	Shell Creek	OK520530-00-0030G	Canadian	supp	supp	supp
090	Buggy Creek	OK520610-02-0120G	Caddo	use na	use na	use na
090	North Walnut Creek	OK520610-03-0010G	McClain	use na	use na	use na
090	Walnut Creek, North Fork	OK520610-03-0080G	McClain	use na	use na	use na
104	Bear Creek	OK520620-01-0120G	Custer	use na	use na	use na
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	use na	use na	use na
104	Canadian River	OK520620-03-0010G	Dewey	use na	use na	use na
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	use na	use na	use na
104	Red Creek	OK520620-03-0110G	Dewey	supp	supp	supp
104	West Beaver Creek	OK620900-03-0260G	Logan	use na	use na	use na
104	Stillwater Creek	OK620900-04-0270G	Payne	use na	use na	use na
104	Elm Creek	OK620910-02-0270G	Blaine	supp	supp	supp
104	Otter Creek	OK620910-03-0040G	Logan	supp	supp	supp
104	Skeleton Creek	OK620910-03-0240E	Garfield	use na	use na	use na
104	Cottonwood Creek	OK620910-04-0010G	Logan	supp	supp	supp
104	Chisolm Creek	OK620910-04-0100G	Logan	not supp	not supp	not supp
104	Deer Creek	OK620910-04-0120B	Logan	supp	supp	supp
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	use na	use na	use na
104	Trail Creek	OK620910-05-0020G	Kingfisher	use na	use na	use na
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	supp	supp	supp
104	Griever Creek	OK620920-01-0130K	Major	supp	supp	supp
104	Traders Creek	OK620920-02-0170G	Woodward	supp	supp	supp
104	Buffalo Creek, Lower	OK620920-05-0010G	Harper	supp	supp	supp
104	Cimarron River	OK620930-00-0010G	Harper	supp	supp	supp
104	Spring Creek	OK621000-02-0130G	Grant	use na	use na	use na
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	not supp	supp	not supp
104	Turkey Creek	OK621010-01-0230G	Woods	supp	supp	supp
104	Yellowstone Creek	OK621010-01-0270G	Woods	supp	supp	supp
104	Sandy Creek	OK621010-02-0010G	Alfalfa	not supp	supp	not supp
104	Duck Creek	OK621100-00-0030Q	Kay	not supp	supp	not supp
104	Bitter Creek	OK621100-00-0100G	Kay	supp	supp	supp
104	North Canadian River	OK720500-01-0010K	Woodward	supp	supp	supp
104	Persimmon Creek	OK720500-01-0150G	Woodward	supp	supp	supp
104	Beaver River	OK720500-02-0010G	Harper	use na	use na	use na
104	Clear Creek	OK720500-02-0070G	Harper	supp	supp	supp
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	supp	supp	supp
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	supp	supp	supp
104	Clear Creek	OK720500-02-0300G	Beaver	supp	supp	supp
104	Palo Duro Creek	OK720500-02-0500G	Texas	supp	supp	supp
104	Wolf Creek	OK720500-03-0010G	Woodward	supp	supp	supp
104	Buzzard Creek	OK720500-03-0080G	Ellis	supp	supp	supp
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	use na	use na	use na
104	Cimarron River, East	OK720900-00-0010G	Cimarron	supp	supp	supp
104	Cimarron River, West	OK720900-00-0180G	Cimarron	supp	supp	supp
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	supp	supp	supp

Table 4. Assessment of Agriculture BU for Tasks 90 (Project 500) and 104 (Project 400) Intensive Sites.

Task	SiteName	WBID	County	AG (Cl)	AG (SO4)	Final AG Support Status
090	Roaring Creek	OK310810-02-0170G	Grady	supp	supp	supp
090	Laflin Creek	OK310810-02-0200G	Grady	supp	supp	supp
090	Winter Creek	OK310810-02-0220G	Grady	supp	supp	supp
090	Rush Creek	OK310810-05-0010H	Garvin	not supp	supp	not supp
090	Bitter Creek	OK310820-01-0030G	Grady	supp	supp	supp
090	Little Washita River, Grady Co.	OK310820-02-0010B	Grady	supp	supp	supp
090	Little Washita River, Caddo Co.	OK310820-02-0010F	Caddo	supp	supp	supp
090	Washita River # 466	OK310830-03-0010G	Washita	supp	supp	supp
104	Washita River # 145	OK310830-03-0010P	Custer	supp	supp	supp
104	Beaver Creek	OK310830-03-0190G	Custer	supp	not supp	not supp
104	West Barnitz Creek	OK310830-03-0230G	Custer	supp	not supp	not supp
090	Willow Creek	OK310830-06-0030H	Caddo	supp	supp	supp
104	Quartermaster Creek	OK310840-01-0060G	Custer	supp	not supp	not supp
104	Washita River # 384	OK310840-02-0010G	Roger Mills	supp	supp	supp
090	West Mud Creek	OK311100-04-0080G	Jefferson	supp	supp	supp
090	Dry Creek	OK311200-00-0080G	Stephens	not supp	supp	not supp
090	Whiskey Creek	OK311210-00-0140D	Comanche	supp	supp	supp
090	Cottonwood Creek	OK311210-00-0150G	Comanche	supp	not supp	not supp
090	Tahoe Creek	OK311300-03-0070G	Caddo	supp	p. supp	p. supp
090	Blue Beaver Creek	OK311310-02-0060G	Comanche	supp	supp	supp
090	Brush Creek	OK311310-03-0050G	Tillman	not supp	not supp	not supp
090	Stinking Creek	OK311500-01-0050G	Jackson	not supp	not supp	not supp
090	Tepee Creek	OK311500-01-0110G	Kiowa	not supp	supp	not supp
090	West Otter Creek	OK311500-02-0040G	Kiowa	supp	supp	supp
090	Little Elk Creek	OK311500-03-0040G	Kiowa	supp	supp	supp
090	Turkey Creek	OK311510-02-0060G	Beckham	supp	supp	supp
090	Salt Fork of the Red River	OK311600-02-0010G	Jackson	supp	supp	supp
090	Bitter Creek	OK311600-02-0110G	Jackson	not supp	supp	not supp
090	Cave Creek	OK311600-02-0140G	Greer	supp	supp	supp
090	Deer Creek, Greer Co.	OK311800-00-0070C	Greer	supp	not supp	not supp
090	Fish Creek	OK311800-00-0130G	Greer	p. supp	not supp	not supp
090	North Elm Creek	OK311800-00-0170G	Beckham	supp	supp	supp
090	Crutcho Creek	OK520520-00-0070B	Oklahoma	supp	supp	supp
090	Crooked Oak Creek	OK520520-00-0150G	Oklahoma	not supp	supp	not supp
104	Shell Creek	OK520530-00-0030G	Canadian	supp	supp	supp
090	Buggy Creek	OK520610-02-0120G	Caddo	supp	supp	supp
090	North Walnut Creek	OK520610-03-0010G	McClain	supp	supp	supp
090	North Fork Walnut Creek	OK520610-03-0080G	McClain	supp	supp	supp
104	Bear Creek	OK520620-01-0120G	Custer	supp	supp	supp
104	Trail Creek, Dewey Co.	OK520620-02-0090G	Dewey	supp	not supp	not supp
104	Canadian River	OK520620-03-0010G	Dewey	not supp	not supp	not supp
104	Un. Trib. To Canadian R.	OK520620-03-0050G	Dewey	supp	not supp	not supp
104	Red Creek	OK520620-03-0110G	Dewey	supp	not supp	not supp
104	West Beaver Creek	OK620900-03-0260G	Logan	supp	supp	supp
104	Stillwater Creek	OK620900-04-0270G	Payne	supp	supp	supp
104	Elm Creek	OK620910-02-0270G	Blaine	supp	not supp	not supp
104	Otter Creek	OK620910-03-0040G	Logan	supp	supp	supp
104	Skeleton Creek	OK620910-03-0240E	Garfield	supp	supp	supp
104	Cottonwood Creek	OK620910-04-0010G	Logan	supp	supp	supp
104	Chisolm Creek	OK620910-04-0100G	Logan	supp	supp	supp
104	Deer Creek	OK620910-04-0120B	Logan	supp	supp	supp
104	Kingfisher Creek	OK620910-05-0010G	Kingfisher	supp	supp	supp
104	Trail Creek	OK620910-05-0020G	Kingfisher	supp	supp	supp
104	Cottonwood Creek, Major Co.	OK620920-01-0080G	Major	supp	supp	supp
104	Griever Creek	OK620920-01-0130K	Major	supp	supp	supp
104	Traders Creek	OK620920-02-0170G	Woodward	supp	not supp	not supp
104	Buffalo Creek, Harper Co.	OK620920-05-0010G	Harper	supp	supp	supp
104	Cimarron River, Harper Co.	OK620930-00-0010G	Harper	supp	supp	supp
104	Spring Creek	OK621000-02-0130G	Grant	supp	supp	supp
104	Bois d'Arc Creek	OK621000-03-0010F	Kay	supp	supp	supp
104	Turkey Creek	OK621010-01-0230G	Woods	supp	not supp	not supp
104	Yellowstone Creek	OK621010-01-0270G	Woods	supp	not supp	not supp
104	Sandy Creek	OK621010-02-0010G	Alfalfa	supp	supp	supp
104	Duck Creek	OK621100-00-0030Q	Kay	supp	not supp	not supp
104	Bitter Creek	OK621100-00-0100G	Kay	not supp	not supp	not supp
104	North Canadian River	OK720500-01-0010K	Woodward	supp	supp	supp
104	Persimmon Creek	OK720500-01-0150G	Woodward	supp	supp	supp
104	Beaver River	OK720500-02-0010G	Harper	supp	supp	supp
104	Clear Creek, Harper Co.	OK720500-02-0070G	Harper	supp	supp	supp
104	Kiowa Creek, Harper Co.	OK720500-02-0130C	Harper	supp	supp	supp
104	Kiowa Creek, Beaver Co.	OK720500-02-0130K	Beaver	supp	supp	supp
104	Clear Creek, Beaver Co.	OK720500-02-0300G	Beaver	supp	supp	supp
104	Palo Duro Creek	OK720500-02-0500G	Texas	p. supp	supp	p. supp
104	Wolf Creek	OK720500-03-0010G	Woodward	supp	supp	supp
104	Buzzard Creek	OK720500-03-0080G	Ellis	supp	supp	supp
104	Corrumpa Creek	OK720510-00-0275K	Cimarron	supp	supp	supp
104	Cimarron River, East	OK720900-00-0010G	Cimarron	supp	supp	supp
104	Cimarron River, West	OK720900-00-0180G	Cimarron	supp	supp	supp
104	North Carrizo Creek	OK720900-00-0280G	Cimarron	supp	supp	supp