CHEMICAL ANALYSES OF SURFACE WATER IN ILLINOIS, 1975–77
VOLUME III
OHIO RIVER TRIBUTARIES AND MISSISSIPPI RIVER TRIBUTARIES SOUTH OF ILLINOIS RIVER BASIN

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METRIC CONVERSION TABLE

Multiply Inch-pound units	By	To obtain metric unit
Length		
inches (in)	25.4	millimeters (m).
	.0254	meters (m).
feet (ft)	.3048	meters (m).
miles (mi)	1.609	kilometers (km).
Area		
square miles (mi^2)	2.590	square kilometers (km^2).
Volume		
gallons (gal)	3.785	liters (L).
	.003785	cubic meters (m^3).
cubic feet (ft^3)	.02832	cubic meters (m^3).
Flow		
cubic feet per second (ft^3/s)	28.32	liters per second (L/s).
	.02832	cubic meters per second (m^3/s).
gallons per minute (gal/min)	.06309	liters per second (L/s).
	.00006309	cubic meters per second (m^3/s).
Temperature		
degrees Fahrenheit (°F)	-32 x 0.555	degrees Celsius (°C).

CHEMICAL ANALYSES OF SURFACE WATER IN ILLINOIS, 1975–77
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Ohio River tributaries and Mississippi River tributaries south of Illinois River basin

By David Grason and R. W. Healy

ABSTRACT

Samples of surface water were collected and analyzed by the Illinois Environmental Protection Agency. The results from water years 1975 to 1977 are presented in tabular form, and the history of sampling and analytical methods during that period are summarized. Stream discharge data from records of the U.S. Geological Survey are included for all sites where samples were collected at gaging stations or near enough that reliable discharge estimates could be made.

INTRODUCTION

The Illinois Environmental Protection Agency (IEPA) and its predecessor in data collection, the Stream Pollution Control Bureau of the Illinois Department of Public Health, have collected chemical and physical quality data on Illinois streams since 1958. The purpose of this program is to determine the nature and extent of water pollution in the State and to provide the water-quality data necessary to carry out the IEPA's mission of reducing pollution of Illinois waters.

In 1977 IEPA collected samples at 590 sites. The most common frequency of sample collection was monthly. Each year IEPA published a summary of data, which included the number of analyses for each parameter, maximum value, minimum value, mean value, median value, and the criterion or standard to which the published values could be compared. While that summary served the needs of many data users and fulfilled IEPA's objective of determining the nature and extent of water pollution, many data users would benefit much more from the actual analyses than from the summary. The chemical and physical data collected by IEPA during the 1975-77 water years are presented in three volumes. The main purpose of these reports and their predecessors (Healy and Toler, 1978 a, b, and c) is to make all the data available to users.

The U.S. Geological Survey (USGS) maintains a network of stream-gaging stations in Illinois in cooperation with State, local, and other Federal agencies. Many of the stations sampled by IEPA and included in this report are at or near these gaging stations. Where possible, discharge values from USGS records have been added.

If the sampling station was at or near a USGS gaging station, the heading information in table 5 includes the USGS gaging station number, name, drainage area for the gaging station, and the ratio used to compute the discharge at the sampling station. The ratio is determined by the relative size of the drainage areas.

The discharge values included in this report are the mean values for the day the samples were collected. This value may be considerably different from the discharge at the precise time the sample was collected, especially on smaller streams subject to rapid changes in flow conditions.

The data presented in table 5 were visually scanned for gross errors. Although some questionable analyses were deleted, no large blocks of data were eliminated.

ACKNOWLEDGMENT

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DEFINITION OF TERMS

Terms related to streamflow and water quality as used in the report are given below:

Acidity is a measure of the concentration of solutes (electrolytes) capable of reacting with hydroxyl ion, as in a neutralization titration. Organic material, free mineral acids, and gases may contribute to acidity, which is expressed as equivalent calcium carbonate ($CaCO_3$) needed to titrate the sample to alkaline conditions.

Alkalinity is the capacity of a water to neutralize acids. Alkalinity in water is caused primarily by bicarbonates, carbonates, and hydroxides, and is expressed as equivalent calcium carbonate ($CaCO_3$).

Biochemical oxygen demand (BOD) is the amount of oxygen required by bacteria while stabilizing decomposable organic matter under aerobic conditions.

Carbon-chloroform extract (CCE) is a mixture of organic compounds that can be adsorbed on activated carbon under prescribed conditions and then desorbed with the solvent chloroform. This is one measure of the sum total of a water's organic contaminants, such as insecticides and herbicides.

Chemical oxygen demand (COD) indicates the quantity of oxidizable compounds in water and varies with water composition, temperature, period of contact, and other factors.

Color is a measure of a water's tinge. The color unit is produced by one milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Cubic foot per second (CFS) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to 7.48 gallons per second or 448.8 gallons per minute.

Discharge is the volume of water (or more broadly, total fluids) that passes a given point within a given period of time. The mean discharge for the day the sample was taken is reported as "DISCHARGE" in this report.

Dissolved solids—See residue on evaporation.

Fecal coliform bacteria are bacteria that are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all organisms that produce blue colonies within 24 hours when incubated at 44.5°C ± 0.2°C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is attributable to the presence of alkaline earths (principally calcium and magnesium) and is expressed as equivalent calcium carbonate ($CaCO_3$).

Kjeldahl nitrogen is the sum of free-ammonia and organic nitrogen compounds that are converted to ammonium sulfate $(NH_4)_2 SO_4$ under special conditions of sample preparation. The sum of all nitrogen in a water sample is equal to Kjeldahl nitrogen plus nitrite and nitrate nitrogen concentrations.

Methylene blue active substance (MBAS) is a measure of apparent detergents, expressed in mg/L of an industry standard. The determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Milligrams per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represents the mass of solute per unit volume of water. Milligrams per liter may be converted to milliequivalents (one-thousandth of a gram-equivalent weight of a constituent) per liter by multiplying by the factors in table 1.

Organic nitrogen includes all nitrogenous organic compounds such as amino acids, polypeptides, and proteins. It is present naturally in all surface waters as a result of normal nitrogenous products and biological life in the watersheds and streams, but excessive concentrations may indicate pollution.

Table 1.—Factors for conversion of selected chemical constituents in milligrams per liter to milliequivalents per liter

Constituent	Multiply by	Constituent	Multiply by
Aluminum (Al^{+3})	0.11119	Iron (Fe^{+2})	0.03581
Ammonia as NH_4^{+1}	.05544	Iron (Fe^{+3})	.05372
Barium (Ba^{+2})	.01456	Lead (Pb^{+2})	.00965
Bicarbonate (HCO_3^{-1})	.01639	Lithium (Li^{+1})	.14411
Bromide (Br^{-1})	.01251	Magnesium (Mg^{+2})	.08226
Cadmium (Cd^{+2})	.01779	Manganese (Mn^{+2})	.03640
Calcium (Ca^{+2})	.04990	Mercury (Hg^{+1})	.00499
Carbonate (CO_3^{-2})	.03333	Mercury (Hg^{+2})	.00997
Chloride (Cl^{-1})	.02821	Nickel (Ni^{+2})	.03406
Chromium (Cr^{+3})	.05770	Nitrate (NO_3^{-1})	.01613
Chromium (Cr^{+6})	.11539	Nitrite (NO_2^{-1})	.02174
Cobalt (Co^{+2})	.03394	Phosphate (PO_4^{-3})	.03159
Copper (Cu^{+2})	.03148	Potassium (K^{+1})	.02557
Cyanide (CN^{-1})	.03844	Silver (Ag^{+1})	.00927
Fluoride (F^{-1})	.05264	Sodium (Na^{+1})	.04350
Hydrogen (H^{+1})	.99209	Strontium (Sr^{+2})	.02283
Hydroxide (OH^{-1})	.05880	Sulfate (SO_4^{-2})	.02082
Iodide (I^{-1})	.00788	Zinc (Zn^{+2})	.03060

The pH of water is a measure of the hydrogen ion concentration or more specifically, the hydrogen ion activity. It is most conveniently expressed in logarithmic units and represents the negative base-10 log of the hydrogen ion activity in moles per liter.

Phenols are a class of organic compounds found in water usually as a result of pollution from oil refineries, coke plants, and from chemical manufacture. Even low concentrations of phenol impart a very disagreeable taste and odor to drinking water.

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers.

Residue on evaporation (ROE) is a measure of dissolved substances in a water sample. Determinations in this report were made on samples filtered through a glass fiber filter and thus may include some fine particulate matter.

Specific conductance (SPEC COND) is a measure of the ability of a water to conduct an electrical current and is expressed in micromhos per centimeter at 25°C. Because the specific conductance is related to the number and specific chemical types of ions in solution, it can be

used for approximating the dissolved-solids content in the water. Commonly, the amount of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in micromhos per centimeter at 25°C). This relation is not constant from stream to stream, and it may even vary in the same source with changes in the composition of the water.

Suspended solids are those substances that are retained on a glass fiber filter.

The turbidity of a water is the reduction of transparency due to the presence of suspended particulate matter. Such material may consist of clay or silt, finely divided organic matter, or other microscopic organisms which cause light to be scattered and adsorbed rather than transmitted in straight lines through the sample. The standard unit for expression of turbidity is the Jackson Turbidity Unit (JTU).

Volatile suspended solids (VSS) are those suspended solids volatilized when the glass fiber filter from the suspended solids determination is ignited in a furnace at 550°C.

METHODS

The general procedure for collecting samples from 1975 to 1977 was to take a dip sample with a bucket from the upper six to eight inches of the water column in midstream. The sampler then filled the proper bottles from the bucket. Special bottle holders were used for samples for dissolved oxygen determinations. Conditions of pooled water, backwater, or other flow conditions were generally not documented. Therefore, analyses may not represent the quality of actual stream discharge where special flow conditions occur.

Sample preservation procedures are summarized in table 2. The laboratory supplies to the field personnel special color-coded bottles that already contain the required preservatives. Samples requiring refrigeration are immediately chilled after collection.

All temperature values in this report are in degrees Celsius and may be converted to degrees Fahrenheit by using table 3.

All samples for chemical analyses were collected by personnel of the Illinois Environmental Protection Agency. All samples, except some for stations J81 and J82 which were analyzed by the USGS, were analyzed by IEPA laboratories. The agency maintains laboratories in Champaign, Chicago, and Marion. The analyzing laboratory is noted in the station heading for each station in the table of chemical analyses. Analytical methodology from 1975 to 1977, as it can be documented, is summarized in table 4.

Table 2.—Methods of sample preservation

Bottle type	Preservative	Constituent
Plastic	Refrigeration	Acidity Alkalinity BOD Boron Chloride COD (prior to July 1977) Fluoride Hardness Hexavalent chromium Nitrogen species (prior to July 1977) pH Phosphorus species (prior to July 1977) Residue on evaporation Specific conductance Sulfate Sulfur Suspended solids Turbidity Volatile suspended solids
Plastic	H_2SO_4 solution and refrigeration	COD (after July 1977) Nitrogen species (after July 1977) Phosphorus species (after July 1977)
Special sampling container	Requires activated charcoal	CCE
Glass	Refrigeration	Color
Plastic	5N NaOH solution and refrigeration	Cyanide
Glass	10 percent thiosulfate solution and refrigeration	Fecal coliform bacteria
Plastic	1:1 HNO_3 solution	Metals except mercury (after August 1976) and hexavalent chromium
Glass	50 percent HNO_3 and 2.5 percent $K_2Cr_2O_7$ solutions	Mercury (initiated August 1976)
Glass	1:1 H_2SO_4 solution and refrigeration	Oil and grease
Glass (BOD type)	Fixed on site	Dissolved oxygen
Plastic	$CuSO_4 + H_3PO_4$ solution	Phenol
Glass	37 percent formaldehyde solution	Plankton

Table 4.—Analytical methods summary for chemical analyses of water samples in the Illinois Environmental Protection Agency laboratories

(Information for summary provided by Illinois Environmental Protection Agency)

1. Champaign Laboratory 2. Chicago Laboratory 3. Marion Laboratory

PROPERTY OR CONSTITUENT	STORET CODE	LAB	METHOD
ACIDITY, TOTAL[1]	00435	All	Titration to phenolphthalein end point (pH 8.2).
		1	Mid 1972 to February 1975; titrated hot after adding peroxide and back titrated as per American Society of Testing and Materials (ASTM) procedures. February 1975 to present; titrated at ambient temperature which for some samples causes a reduction in values. Compatability of results from different methodlogies is questionable.
		2	Prior to February 1975; cold titrated without pretreatment. For the remainder of 1975; titrated at boiling temperature. For 1976 to present; titrated at ambient temperature which for some samples causes a reduction in values. Compatability of results from different methodologies is questionable.
		3	Prior to 1976; titrated at boiling temperature. 1976 to present; cold titration following oxidation with peroxide and boiling. Significant lowering of acidity values noted. Compatability of results from different methodologies is questionable.
ALKALINITY	00410	All	Titrimetric method using standard acid and methyl purple indicator (pH of end point 4.8).
BORON	81209	All	Mid 1972 to present; colorimetric (carminic acid) on autoanalyzer.
BIOCHEMICAL OXYGEN DEMAND (BOD)	00310	All	Determination accomplished by diluting suitable portions of the sample with water saturated with oxygen and measuring the dissolved oxygen in the mixture immediately and again after a period of 5 days incubation at 20°C.
CARBON-CHLOROFORM EXTRACT	32005	1	Gravimetric adsorption-extraction procedure using Soxhlet apparatus.
		2,3	These laboratories did not perform this analysis.

[1] Total here refers to the sum of all acid contributing species.

Table 3.—Degrees Celsius (°C) to degrees Fahrenheit (°F)*

°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
0.0	32	10.0	50	20.0	68	30.0	86	40.0	104
.5	33	10.5	51	20.5	69	30.5	87	40.5	105
1.0	34	11.0	52	21.0	70	31.0	88	41.0	106
1.5	35	11.5	53	21.5	71	31.5	89	41.5	107
2.0	36	12.0	54	22.0	72	32.0	90	42.0	108
2.5	36	12.5	54	22.5	72	32.5	90	42.5	108
3.0	37	13.0	55	23.0	73	33.0	91	43.0	109
3.5	38	13.5	56	23.5	74	33.5	92	43.5	110
4.0	39	14.0	57	24.0	75	34.0	93	44.0	111
4.5	40	14.5	58	24.5	76	34.5	94	44.5	112
5.0	41	15.0	59	25.0	77	35.0	95	45.0	113
5.5	42	15.5	60	25.5	78	35.5	96	45.5	114
6.0	43	16.0	61	26.0	79	36.0	97	46.0	115
6.5	44	16.5	62	26.5	80	36.5	98	46.5	116
7.0	45	17.0	63	27.0	81	37.0	99	47.0	117
7.5	45	17.5	63	27.5	81	37.5	99	47.5	117
8.0	46	18.0	64	28.0	82	38.0	100	48.0	118
8.5	47	18.5	65	28.5	83	38.5	101	48.5	119
9.0	48	19.0	66	29.0	84	39.0	102	49.0	120
9.5	49	19.5	67	29.5	85	39.5	103	49.5	121

* °C = 5/9 (°F - 32) or °F = 9/5 (°C) + 32.

Table 4.—Analytical methods summary for chemical analyses of water samples in the Illinois Environmental Protection Agency laboratories—Continued

PROPERTY OR CONSTITUENT	STORET CODE	LAB	METHOD
CHEMICAL OXYGEN DEMAND (COD)	00335	1,3	Dichromate reflux method.
		2	From 1973 to present; dichromate reflux method. Samples filtered if much particulate matter present.
CHLORIDE	81212	All	Colorimetric ferricyanide autoanalyzer method.
COLOR	00080	1	Colorimetric and spectrophotometric. Most are colorimetric.
		2	Visual comparison with chloroplatinate standards.
		3	This laboratory did not perform this analysis.
CYANIDE	81210	1,2	From mid 1972 to April 1975; automated pyridine-benezidine with micropredistillation. April 1975 to present; automated pyridine-barbituric acid method with micropredistillation.
		3	Same as laboratories 1 and 2 but exact month of change not available.
FECAL CORIFORM BACTERIA	31616	All	Membrane filter method.
FLUORIDE	81211	1	Mid 1972 to present; colorimetric SPADNS on autoanalyzer using a microdistillation step in the analysis.
		2	December 1973 to present; same method as laboratory 1.
		3	1968 to present; same method as laboratory 1.
HARDNESS	00900	All	EDTA titrimetric method.
METHYLENE BLUE ACTIVE SUBSTANCE	38260	All	February 1968 to June 1976; colorimetric autoanalyzer method. Discontinued in 1976 due to poor creditability of results.

Table 4.—Analytical methods summary for chemical analyses of water samples in the Illinois Environmental Protection Agency laboratories—Continued

PROPERTY OR CONSTITUENT	STORET CODE	LAB	METHOD
METALS, GENERAL		1	Mid 1972 to present; atomic adsorption method directly from acid preserved sample. No digestion prior to analysis before December 12, 1977; therefore metal concentrations probably lower than true total[3] metal concentrations.
BARIUM	01007		
CADMIUM	81214		
CHROMIUM, TOTAL[2]	81217		
COPPER	81218		
IRON, TOTAL[3]	81219		
IRON, DISSOLVED[3]	01046	2	Same as laboratory 1, except 1973 to present; lead analyzed by boat method.
LEAD	81220		
MANGANESE	81221		
NICKEL	81222	3	Same as laboratory 1, except method initiated in late 1967. As of July 1978, metals analyses are no longer made at this laboratory.
SILVER	81223		
ZINC	81224		
METALS, SPECIFIC		All	Generation of gaseous anhydride by atomic absorption analysis (initiated in 1973 in Champaign and Marion labs; in 1972 in Chicago).
ARSENIC	01002		
SELENIUM	01147		
CHROMIUM, HEXAVALENT	81215	All	Colorimetric diphenyl carbazide method. No digestion prior to analysis before December 12, 1977; therefore metal concentrations probably lower than true total[3] metal concentrations.
CHROMIUM, TRIVALENT	81216	All	Calculated by subtracting hexavalent chromium from total[2] chromium concentrations.
MERCURY	71900	1,2	From 1973; mercometer analyzers used. Presently using semiautomated-flameless atomic absorption.
		3	From 1973; mercometer analyzer used.
NITROGEN, AMMONIA	81213	All	August 1974 to present; automated phenolate method using sodium nitroprusside to give greater sensitivity.
NITROGEN, NITRATE + NITRITE	00630	All	November 1972 to present; oxidation of any nitrite to nitrate and cadmium reduction method on autoanalyzer.
NITROGEN, KJELDAHL	00625	1	Sample digested with a mixture of H_2SO_4, HgO and K_2SO_4. Resulting digestate analyzed as for ammonia nitrogen.
		2,3	These laboratories did not perform this analysis.

[2] Total here refers to the sum of the divalent and hexavalent species of chromium.

[3] Total here refers to analysis of an unfiltered sample, whereas dissolved indicates the samples are filtered through a 0.45/um filter before analysis.

Table 4.—Analytical methods summary for chemical analyses of water samples in the Illinois Environmental Protection Agency laboratories—Continued

PROPERTY OR CONSTITUENT	STORET CODE	LAB	METHOD
NITROGEN, ORGANIC	00605	1	Calculated from total Kjeldahl nitrogen minus ammonia nitrogen.
		2,3	These laboratories did not perform this analysis.
OIL AND GREASE	00550	All	1972 to present; Freon extraction of oil: gravimetric analysis.
OXYGEN, DISSOLVED	00300	All	Azide modification of Winkler method (iodometric titration). Titration performed in laboratory.
pH	00400	All	Laboratory pH meter, using known standards for meter calibration.
PHENOL	32730	1	1972 to present; colorimetric analysis (4-amino antipyrine with potassium ferricyanide) on autoanalyzer with automated distillation.
		2,3	Automated method started in 1968.
PHOSPHORUS, TOTAL[4]	00665	1	Mid 1972 to present; strong acid digestion followed by colorimetric analysis on autoanalyzer using stannous chloride reduction.
		2	Same as for laboratory 1 except started in February 1972.
		3	Same as for laboratory 1 except on March 15, 1978, changed to automated colorimetric ascorbic acid reduction method.
PLANKTON	60050	All	Concentration of sample by centrifuge, then microscopic counting using Palmer cell.
RESIDUE ON EVAPORATION	70300	All	Gravimetric analysis of sample filtered through glass fiber filter and dried at 180°C.
SPECIFIC CONDUCTANCE	00095	All	Wheatstone bridge with standardized conductivity cell. Analysis performed in laboratory.

[4] Total here means the sum total of phosphorus present in any form, organic or inorganic. This analysis is performed on an unfiltered water sample.

Table 4.—Analytical methods summary for chemical analyses of water samples in the Illinois Environmental Protection Agency laboratories—Continued

PROPERTY OR CONSTITUENT	STORET CODE	LAB	METHOD
SULFATE	00945	All	1973 to present; methylthymol blue method of analysis on autoanalyzer.
SULFUR	80107	1	Sample digested with bromine and HNO_3, then analyzed for SO_4^{-2}.
		2,3	These laboratories did not perform this analysis.
SUSPENDED SOLIDS	00530	All	Gravimetric analysis. Filtration is performed with glass fiber filters; sample dried at 103°C.
TURBIDITY	00070	1	1972 to present; analysis on nephelometer.
		2	1971 to present; analysis on nephelometer.
		3	For this report period; nephelometer.
VOLATILE SUSPENDED SOLIDS	00535	All	Gravimetric analysis; glass fiber filters used in TSS analysis ignited in furnace at 550°C.

PRESENTATION OF DATA

The chemical analyses are presented in three volumes based on river basin boundaries (fig. 1). Volume I includes the Des Plaines River basin and Lake Michigan. Volume II includes the Illinois River basin and the Mississippi River tributaries north of the Illinois River basin, and Volume III contains the Ohio River tributaries and all Mississippi River tributaries south of the Illinois River basin.

Within each volume the data are tabulated in alpha-numeric order using alphabetic basin codes (fig. 1) and station numbers assigned by the Illinois Environmental Protection Agency.

The station headings contain information as follows:

Line 1. Basin code, station number, and stream name.

Line 2. Location.

Line 3. IEPA laboratory and USGS station number and name from which discharge data were obtained.

Line 4. Drainage area, in square miles, at the USGS station and a factor used to convert discharge at the gaging station to discharge at the sampling station.

Most constituents are expressed in concentrations of the ion or species stated in the column headings (table 5). As examples, trivalent chromium is expressed as mg/L of Cr^{+3}; cyanide as mg/L of CN^{-1}; sulfate as mg/L of SO_4^{-2}; and phenols as mg/L of the sum of all phenolic compounds present in the sample. The only exceptions to this presentation are the nitrogen species (ammonia, nitrate + nitrite, organic, and Kjeldahl) which are expressed in terms of mg/L of nitrogen. Biochemical oxygen demand (BOD) and chemical oxygen demand (COD) are expressed as mg/L of oxygen consumed during the analysis. Conventions used in expressing concentrations and values for other parameters are listed in the "Definition of Terms" section of this volume.

The analyses are tabulated in reverse chronological order by date of sampling to facilitate use of the most current data.

The index at the end of this report references the location of data in all volumes, as well as the data found in their predecessors (Healy and Toler, 1978a, b, and c). If the location of an IEPA site exactly coincides with that of a USGS station, the index includes the Survey station number in parenthesis after the river name.

REFERENCES

Healy, R. W., and Toler, L. G., 1978a, Chemical analyses of surface water in Illinois, 1958-74, volume I: U.S. Geological Survey Water-Resources Investigations 78-22, 583 p.

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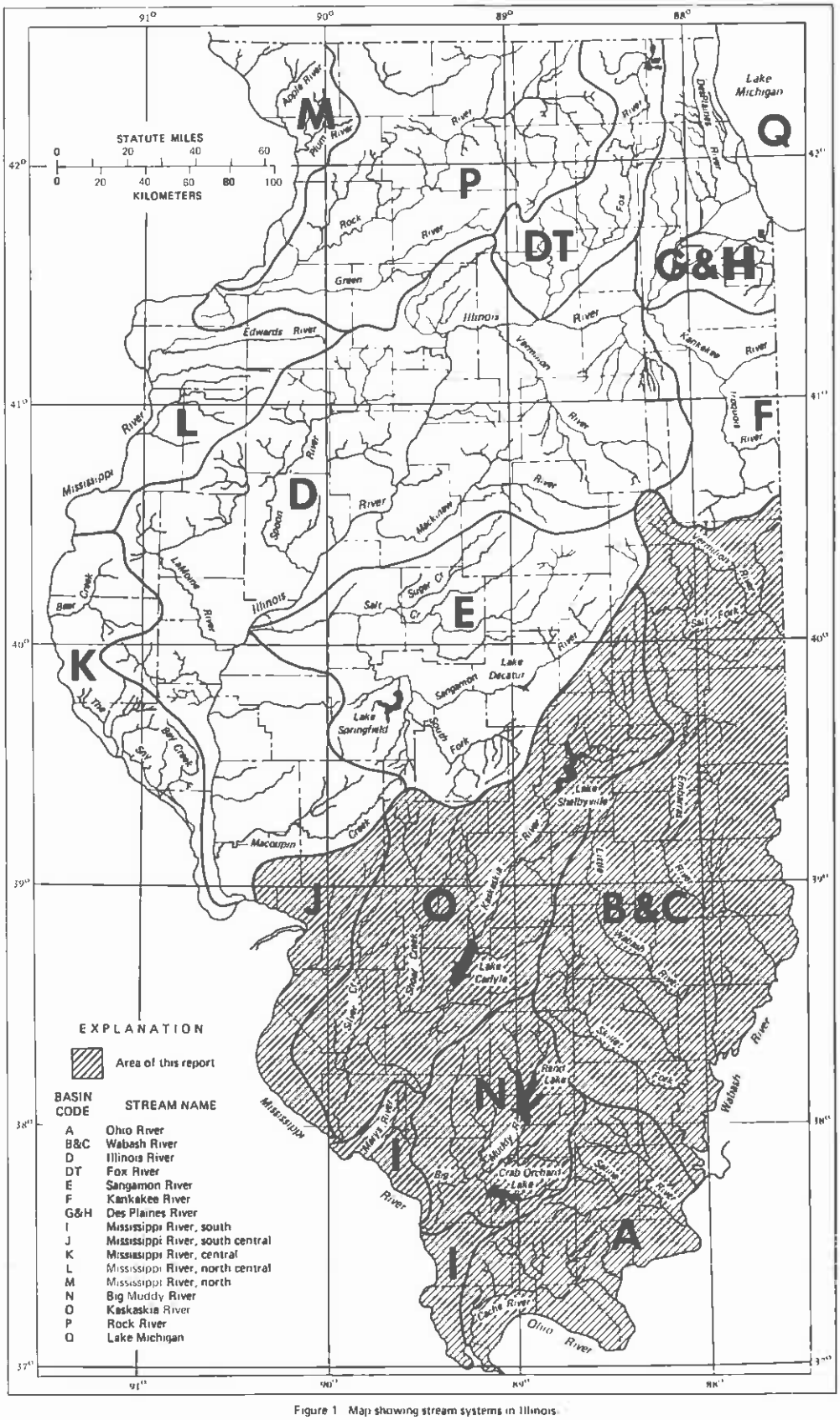

Figure 1 Map showing stream systems in Illinois.

Table 5.--Chemical analyses of surface water

A 01 OHIO RIVER
GOLCONDA WATER INTAKE BUOY SOUTH BONDEAU ISLAND
LAB: MARION DISCHARGE DATA: 03384500 OHIO RIVER AT GOLCONDA, IL
DRAINAGE AREA: 143900 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (UG/L)	SULFATE (SO4) (MG/L)
770909		26.5	11.6	7.9	0.070		80	0.35	0.8	400				
770825	107000	25.5	8.1	7.8	0.150	0.003	230	0.25	1.2	375	1.6	0.0	0.00	58
770708		30.0	10.7	8.7	0.050			0.10	0.9	442				
770616		26.0	10.3	7.9	0.060		20	0.20	0.3	433				
770517	91800	20.5	8.2			0.000	460				2.3	0.0	0.00	
770426	121000	14.0	9.8	7.7	0.070		2200	0.10	1.0	350	4.0			53
770324	348000	8.0	9.1	7.5	0.700		200	0.20	1.4	300				
770217	183000	0.0	13.7	7.6	0.200	0.005	100	0.45	0.6	450	3.1	0.0	0.00	65
770126		0.0		7.5	0.090		10	0.40	0.6	400				
761221		2.0		7.8	0.100		30	0.25	0.4	400				
761130		4.0	12.9	8.0	0.050	0.005	1200	0.15	0.5	417	0.4	0.0	0.01	65
761022		14.0	10.6	7.5	0.050		580	0.00	0.6	417				
760924		23.5	9.9	8.5	0.100		80	0.10	0.8	467				
760825		28.5	12.0	8.5	0.100	0.004	160	0.10	0.7	433	0.5	0.0	0.00	75
760720	91400	28.5	9.7	8.1	0.130		100	0.05	1.6	417				
760622	79600	24.5	10.5	8.1	0.150		260	0.05	0.6	467				
760511		20.0	15.5	8.8	0.100	0.005	10	0.20	0.6	450	0.4	0.0	0.00	75
760427			11.2	8.1	0.150		200	0.30	2.8	433				
760324	278000	11.5	10.5	7.7	0.400		420	0.10	3.0	417				
760220	413000	9.5	11.1	7.0	0.310	0.000	470	0.30	1.0	350	4.0	0.0	0.00	58
760122	234000	1.5	13.3	7.5	0.260		240	0.30	1.2	350				
751208	145000	8.0	10.6	7.4	0.000		750	0.25	1.3	367				
751126	78700	9.0	12.0	7.7	0.080	0.000	300	0.10	1.5	433	0.6	0.0	0.00	100
751009		19.5	10.0	8.0	0.100		150	0.00	1.1	417				
750929	268000	20.5	7.1	7.3	0.240		1700	0.15	1.6	483				
750827		27.0	10.0	8.4	0.090	0.005	270	0.10	0.1	433	0.6	0.0	0.00	55
750716		28.5	11.8	8.6	0.060		30	0.00	1.0	433				
750625	97700	27.0	7.0	7.5	0.180		70	0.05	2.7	433				
750521	192000	23.0	8.7	7.2	0.100	0.005	130	0.07	1.1	450	3.1	0.0	0.00	55
750407	703000	11.0	10.4	7.5	0.010		160	0.09	1.2	250				
750319	598000	8.0	12.6	7.1	0.270		160	0.10	1.1	300				
750218	377000	5.5	12.4	7.5	0.100		70	0.00	1.4	300	2.1	0.0	0.00	50
750108	383000	7.0	11.2	7.0	0.330		800	0.09	1.2	333				
741203	181000	7.0	10.3	7.5	0.110	0.000	220	0.08	1.3	433				
741021		16.0	10.2	8.3	0.380	0.000	140	0.02	1.1	467				

A 01 OHIO RIVER
GOLCONDA WATER INTAKE BUOY SOUTH BONDEAU ISLAND --CONTINUED

DATE	ARSENIC (UG/L)	BARIUM (UG/L)	BORON (UG/L)	CADMIUM (UG/L)	HEX CHROM-IUM (UG/L)	TRI CHROM-IUM (UG/L)	COPPER (UG/L)	LEAD (UG/L)	MANG-ANESE (UG/L)	NICKEL (UG/L)	SILVER (UG/L)	ZINC (UG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770825	0.001	0.0	0.1	0.000	0.00	0.00	0.04	0.00	0.12	0.0	0.000	0.0	0.2	18
770517	0.000	0.0		0.000			0.00	0.01	0.20	0.0	0.000	0.0		
770426		0.0	0.5	0.000	0.00		0.00	0.01	0.30	0.0	0.000	0.0	0.1	16
770217	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.28	0.0	0.000	0.0	0.2	35
761130	0.000	0.0	0.3	0.000	0.00	0.05	0.00	0.01	0.09	0.0	0.000	0.0	0.2	23
760825	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.02	0.0	0.000	0.0	0.3	28
760511	0.000	0.0	0.2	0.000	0.00	0.00	0.02	0.00	0.08	0.0	0.000	0.0	0.2	23
760220	0.002	0.0	0.3	0.000	0.00	0.02	0.02	0.02	0.25	0.1	0.000	0.1	0.1	43
751126	0.000	0.0	0.1	0.000	0.00	0.00	0.07	0.00	0.16	0.0	0.000	0.0	0.3	23
750827	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.15	0.0	0.000	0.0	0.3	27
750521	0.001	0.3	0.1	0.000	0.00	0.00	0.00	0.01	0.80	0.0	0.000	0.0	0.2	13
750218	0.000	0.0	0.1	0.000	0.00		0.00	0.00	0.20	0.0	0.000	0.0	0.1	15

A C1 OHIO RIVER
GOLCONDA WATER INTAKE BUOY SOUTH BONDEAU ISLAND --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770825			0.00	0.007								
770517			0.00	0.005								
770426			0.00								140	80
770217			0.00									
761130			0.05	0.005								
760825			0.00	0.010								
760511			0.00	0.020			0.20					
760220				0.000			0.10					
751126				0.010			0.20					
750827				0.010			0.30					
750521				0.000			0.10					
750218				0.000			0.20					
741203							0.30					
741021							0.20					

A 02 OHIO RIVER
BROOKPORT AT NORTH END DAM 52
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770615		26.5	7.5	7.9	0.070	0.000	60	0.15	0.2	383	0.2	0.2	0.00	70
770510		17.0	10.0	7.7	0.160		200	0.15	0.4	400				
770414		12.0	8.0	7.7	0.250		520	0.20	1.5	283	9.0			50
770322		8.0	13.6	7.3	0.550	0.005	40	0.30	0.8	300	7.0	0.0	0.00	50
770223		3.5	13.0	7.4	0.150	0.015	60	0.75	1.1	433	1.6	0.0	0.00	70
770125				7.7	0.070		40	0.35	0.4	383				
761229		1.0		7.8	0.100	0.000	250	0.25	0.6	383	0.9	0.0	0.00	75
761130		4.0	13.0	8.0	0.050		40	0.10	0.5	400				
761021		14.0	9.8	7.6	0.100		510	0.15	1.1	400				
760923		23.0	10.1	8.3	0.150	0.017	330	0.05	0.2	367	0.4	0.0	0.00	75
760819		27.0	10.5	8.4	0.100		220	0.05	0.6	417				
760722		29.0	12.2	8.2	0.140		90	0.10	1.8	417				
760623		25.0	9.7	8.1	0.100	0.005	40	0.20	1.0	467	0.5	0.1	0.00	100
760513		19.0	13.2	8.6	0.050		20	0.10	0.6	417				
760422		18.5	10.8	8.1	0.100		90	0.00	0.9	400				
760326		13.0	10.0	7.6	0.150	0.010	290	0.20	1.5	383	2.5	0.0	0.00	60
760225		10.0	10.2	7.5	0.250		200	0.50	1.1	333				
760127		3.0	13.0	7.7	0.430		240	0.50	6.3	350				
751210		8.0	10.2	7.7	0.240	0.015	280	0.10	1.3	350	1.6	0.0	0.00	60
751126		9.0	11.2	7.7	0.100		190	0.00	1.4	417				
751009		19.0	9.4	8.0	0.090		30	0.05	1.2	383				
750930		20.5	6.8	6.8	0.350	0.002	1000	0.30	7.3	517	2.8	0.1	0.00	120
750827		26.5	10.3	8.6	0.100		50	0.05	0.6	367				
750728		28.5	7.7	8.0	0.100		10	0.10	1.0	467				
750624		27.0	7.0	6.9	0.130	0.005	0	0.10	5.6	430	0.9	0.0	0.00	67
750507		18.0	8.0	7.6	0.150		610	0.10	1.0	283				
750416		11.0	9.6	7.3	0.220		160	0.11	1.1	350				
750318		7.0	11.5	7.4	0.130	0.005	910	0.13	1.4	283	5.8	0.0	0.00	45
750206		5.0	11.4	7.7	0.370		600	0.25	1.0	333				
750113		5.0	11.5	7.5	0.380		1100	0.17	1.5	317				
741218		4.5	11.1	7.7	0.120	0.005	150	0.14	0.8	367	3.0	0.0		60
741112		12.0	8.9	7.5	0.140	0.005	220	0.10	1.1	417				
741028		17.0	12.2	8.2	0.110	0.000	10	0.00	1.0	450				

A 02 OHIO RIVER
BROOKPORT AT NORTH END DAM 52 --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770615	0.001	0.0	0.2	0.000	0.00	0.04	0.00	0.00	0.06	0.0	0.000	0.0	0.2	21
770414		0.1	0.5	0.000	0.00	0.00	0.04	0.03	0.58	0.0	0.000	0.1	0.2	13
770322	0.002	0.1	0.2	0.000	0.00	0.00	0.00	0.02	0.48	0.0	0.000	0.1	0.1	18
770223	0.002	0.0	0.2	0.000	0.00		0.00	0.01	0.10	0.0	0.000	0.0	0.2	37
761229	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.10	0.0	0.000	0.0	0.2	29
760923	0.000	0.0	0.0	0.000	0.00	0.04	0.00	0.01	0.05	0.0	0.000	0.0	0.2	21
760623	0.000	0.0	0.2	0.000	0.00	0.00	0.02	0.01	0.10	0.0	0.000	0.0	0.3	25
760326	0.000	0.0	0.1	0.000	0.00	0.03	0.01	0.01	0.22	0.0	0.000	0.1	0.1	20
751210	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.25	0.0	0.000	0.0	0.0	23
750930	0.000	0.0	0.4	0.000	0.00	0.00	0.00	0.02	0.45	0.0	0.000	0.0	0.4	36
750624	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.03	0.0	0.000	0.0	0.2	26
750318	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.05	0.25	0.0	0.000	0.1	0.2	15
741218		0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.26	0.0	0.000	0.0	0.1	20

A 02 OHIO RIVER
BROOKPORT AT NORTH END DAM 52 --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	BOE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770615			0.04	0.010								
770414			0.00								110	56
770322			0.00	0.010								
770223			0.00	0.010							145	75
761229				0.000								
761021								205				
760923			0.04	0.020								
760623			0.00	0.010								
760326			0.03	0.010			0.20					
751210				0.010			0.00					
750930				0.010			0.70					
750624				0.000			0.50					
750318				0.000			0.30					
741218				0.000			0.10					
741112							0.20					
741028							0.20					

A 04 OHIO RIVER
CAIRO WATER INTAKE NORTH SIDE AT ILLINOIS CENTRAL GULF RAILROAD BRIDGE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770610		25.0	9.4	8.0	0.080		110	0.15	0.3	267				
770511		18.5	9.2	7.7	0.090		100	0.10	0.6	283				
770420		14.5	8.0	7.7	0.250	0.005	320	0.10	1.2	317	5.0	0.0	0.00	50
770315		8.0	10.2	7.4	0.170		60	0.35	1.2	317				
770218		0.5	13.8	7.5	0.200		140	0.55	0.6	417	2.7	0.0	0.00	65
770120				7.7	0.090		450	0.20	0.3	300	0.5	0.0	0.00	40
761210		3.5	14.0	8.0	0.100		50	0.10	0.7	317				
761119		8.0	11.5	7.9	0.100		110	0.05	0.5	333				
761008		20.0	8.9	7.8	0.120	0.005	120	0.05	0.6	467	0.7	0.0	0.00	55
760916		25.0	8.2	8.0	0.150		720	0.00	0.2	267				
760806		28.5	8.4	7.5	0.100		190	0.50	0.0	367				
760709		26.5	7.0	7.6	0.100	0.005	100	0.15	1.3	317	2.2	0.0	0.00	45
760608		23.0	7.9	7.4	0.150		200	0.25	1.7	433				
760525		21.5	7.8	7.3	0.100		80	0.30	1.1	433				
760408		14.5	9.6	7.6	0.200	0.010	220	0.05	1.3	333	2.6	0.0	0.00	50
760311		12.0	10.2	7.5	0.200		190	0.10	2.2	350				
760211		5.0	14.3	7.7	0.230		160	0.20	0.7	383				
760123		3.5	12.9	7.7	0.320	0.002	0	0.40	1.2	350	4.6	0.0	0.00	50
751215		10.0	10.6	7.4	0.200		690	0.30	1.3	383				

A 04 OHIO RIVER
CAIRO WATER INTAKE NORTH SIDE AT ILLINOIS CENTRAL GULF RAILROAD BRIDGE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
751124		11.0	10.2	7.6	0.170		220	0.05	0.9	383				
751006		19.5	8.0	7.3	0.160	0.002	170	0.10	2.3	350	1.7	0.1	0.00	60
750929		21.0	7.7	7.5	0.320		620	0.20	1.6	450				
750807		26.5	7.1	7.8	0.240		380	0.15	0.6	317				
750707		28.5	6.2	7.7	0.150	0.005	570	0.20	1.5	450	1.5	0.0	0.00	45
750616		24.0	7.6	7.5	0.150		300	0.06	1.3	350				
750512		19.5	8.0	7.6	0.150		260	0.10	1.0	300				
750410		13.0	10.3	7.6	0.110	0.000	90	0.06	1.1	250	3.6	0.1	0.00	40
750313		5.0	11.3	7.6	0.160		340	0.10	1.7	333				
750210		5.0	11.8	7.7	0.280		120	0.15	1.8	333				
750114		8.0	10.7	7.7	0.430	0.005	710	0.19	1.3	317	5.6	0.0	0.00	55
741209		6.5	10.5	7.9	0.210	0.005	500	0.17	0.9	383				
741104		18.0	8.3	7.7	0.100	0.010	5800	0.10	0.8	382				
741008		18.5	8.0	8.0	0.130	0.005	130	0.05	0.8	317	1.7	0.0	0.00	50

A 04 OHIO RIVER
CAIRO WATER INTAKE NORTH SIDE AT ILLINOIS CENTRAL GULF RAILROAD BRIDGE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770420	0.000	0.1	0.4	0.000	0.00	0.00	0.02	0.01	0.44	0.0	0.000	0.1	0.1	12
770218	0.001	0.0	0.2	0.000	0.00		0.01	0.01	0.20	0.0	0.000	0.0	0.2	33
770120	0.001	0.0	0.2	0.000	0.00	0.03	0.00	0.00	0.04	0.0	0.000	0.0	0.2	15
761008	0.000	0.0	0.2	0.000	0.00	0.04	0.03	0.01	0.13	0.0	0.000	0.0	0.3	30
760709	0.001	0.0	0.3	0.000	0.00	0.01	0.02	0.00	0.20	0.0	0.000	0.1	0.2	15
760808	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.20	0.0	0.000	0.1	0.1	15
760123	0.000	0.1	0.2	0.000	0.00	0.01	0.02	0.03	0.26	0.0	0.000	0.1	0.1	20
751006	0.001	0.0	0.2	0.000	0.00	0.00	0.03	0.01	0.15	0.0	0.000	0.0	0.2	21
750707	0.006	0.0	0.2	0.000	0.00	0.00	0.07	0.01	0.08	0.0	0.000	0.0	0.3	14
750410	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.10	0.0	0.000	0.0	0.2	10
750114	0.000	0.1	0.2	0.000	0.00	0.00	0.02	0.00	0.32	0.0	0.000	0.0	0.1	20
741008	0.000	0.0	0.1	0.000	0.00	0.00	0.04	0.00	0.10	0.0	0.000	0.0	0.2	15

A 04 OHIO RIVER
CAIRO WATER INTAKE NORTH SIDE AT ILLINOIS CENTRAL GULF RAILROAD BRIDGE --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BBAS (MG/L)	HOE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770420				0.000							130	70
770218			0.00								150	80
770120			0.03									
761008			0.04	0.010								
760709			0.01	0.020								
760808			0.00	0.030			0.10					
760123				0.020			0.20					
751006				0.000			0.20					
750707				0.000			0.20					
750410				0.000			0.20					
750114				0.000			0.10					
741209							0.30					
741104							0.20					
741008				0.000			0.20					

A 06 OHIO RIVER
NORTH END OF DAM 53 EAST OF OLMSTED
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770614		25.5	9.3	7.8	0.100		220	0.20	0.2	367				
770512		18.5	9.2	7.4	0.040	0.000	250	0.15	0.9	400	2.7	0.0	0.00	68
770413		11.5	7.8	7.2	0.300		20	0.20	1.6	333	2.3			63
770323		8.0	9.8	7.6	0.120		160	0.15	1.3	300				
770215		0.5	15.1	7.7	0.170	0.000	190	0.40	0.6	417	1.6	0.0	0.00	73
770127		0.0	14.3	7.6	0.100		410	0.30	0.7	392				
761214		3.0		7.9	0.150		270	0.25	0.8	400				
761117		8.0	11.9	7.8	0.100	0.000	120	0.05	0.7	333	0.9	0.0	0.00	40
761014		19.0	8.7	7.6	0.250		600	0.10	1.6	583				
760917		24.0	11.0	7.9	0.100		110	0.10	0.2	317				
760824		28.5	8.3	7.9	0.130	0.010	70	0.10	0.4	367	0.6	0.1	0.00	55
760713		27.0	7.4	7.6	0.100		270	0.00	1.5	417				
760609		23.5	7.4	7.6	0.200		300	0.10	1.2	483				
760514		19.5	9.6	7.5	0.100	0.000	30	0.10	0.3	333	1.0	0.2	0.00	50
760409		14.0	9.6	7.8	0.450		380	0.00	1.1	367				
760312		11.5	11.1	7.6	0.100		200	0.05	1.9	350				
760218		9.5	10.3	7.7	0.640	0.000	9200	0.50	0.9	300	4.4	0.0	0.00	60
760129		3.5	13.1	7.3	0.050		600	0.25	1.0	367				
751215		9.5	11.8	7.5	0.350		4500	0.30	1.3	383				
751124		10.5	10.2	7.6	0.130	0.012	300	0.10	1.0	400	1.4	0.0	0.00	95
751006		19.5	9.0	7.3	0.130		390	0.05	1.1	383				
750929		20.5	7.8	7.4	0.110		570	0.15	1.5	467				
750813		29.0	7.8	7.0	0.090	0.008	100	0.10	4.5	350	0.6	0.2	0.00	43
750710		29.5	8.0	7.6	0.120		110	0.05	1.2	400				
750618		26.5	8.3	7.8	0.160		800	0.07	1.6	383				
750513		18.5	7.8	6.6	0.200	0.003	870	0.07	7.4	317	3.4	0.0	0.00	55
750414		10.0	9.6	7.4	0.190		100	0.11	1.2	300				
750317		9.5	11.4	7.2	0.250		5000	0.20	1.2	300				
750211		4.0	12.5	7.6	0.280	0.000	460	0.14	1.7	333	2.5	0.0	0.00	50
750127		5.5	12.7	7.7	0.160		280	0.17	1.7	367				
741210		6.0	11.3	7.7	0.240	0.000	710	0.18	0.6	417				
741106		15.5	7.6	7.4	0.210	0.005	3500	0.10	1.0	417	1.7	0.3	0.00	65
741009		20.0	9.1	7.7	0.100	0.005	320	0.05	0.8	317				

A 06 OHIO RIVER
NORTH END OF DAM 53 EAST OF OLMSTED --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770512	0.000	0.0	0.6	0.000	0.00	0.00	0.00	0.01	0.12	0.0	0.000	0.0	0.2	20
770413		0.1	0.5	0.000	0.00		0.02	0.03	0.40	0.0	0.000	0.1	0.1	19
770215	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.00	0.23	0.0	0.000	0.0	0.2	30
761117	0.000	0.0	0.2	0.000	0.00	0.06	0.00	0.00	0.10	0.1	0.000	0.0	0.1	16
760824	0.001	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.06	0.0	0.000	0.0	0.2	20
760514	0.000	0.0	0.1	0.000	0.00	0.00	0.02	0.01	0.15	0.0	0.000	0.0	0.2	20
760218	0.002	0.1	0.3	0.000	0.00	0.00	0.05	0.00	0.60	0.0	0.000	0.2	0.3	35
751124	0.001	0.2	0.3	0.000	0.00	0.00	0.00	0.01	0.16	0.0	0.000	0.0	0.3	23
750813	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.10	0.0	0.000	0.0	0.2	16
750513	0.002	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.13	0.0	0.000	0.0	0.2	12
750211	0.001	0.0	0.5	0.000	0.00	0.00	0.00	0.00	0.30	0.0	0.000	0.0	0.2	16
741106	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.02	0.13	0.0	0.000	0.0	0.2	20

A 06 OHIO RIVER
NORTH END OF DAM 53 EAST OF OLMSTED --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHRON-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770512			0.00	0.010								
770413			0.00								64	60
770215			0.00	0.005								

A 06 OHIO RIVER
NORTH END OF DAM 53 EAST OF OLNSTED --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	NOE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
761117			0.06	0.015								
760824			0.00	0.020								
760514			0.00	0.020			0.10					
760218				0.010			0.10					
751124				0.000			0.20					
750813			0.00	0.000			0.30					
750513				0.000			0.50					
750211				0.000			0.20					
741210							0.20					
741106				0.000			0.30					
741009							0.20					

A 07 OHIO RIVER
FISH MARKET AT CAVE-IN-ROCK
LAB: MARION DISCHARGE DATA: 03384500 OHIO RIVER AT GOLCONDA, IL
DRAINAGE AREA: 143900 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770616		25.5	10.5	7.9	0.400	0.005	70	0.15	0.3	433	0.3	0.0	0.00	80
770517	91800	19.5	8.0	7.9	0.100		50	0.10	3.3	467				
770426	121000	14.0	10.1	7.8	0.100		790	0.25	1.3	417	0.9			65
770324	348000	8.0	10.0	7.5	0.300	0.005	70	0.15	1.5	333	6.3	0.0	0.00	52
770217	183000		13.6	7.4	0.220		40	0.50	0.7	467				
770126				7.7	0.100		30	0.40	0.7	267				
761221		1.5		7.7	0.100	0.000	90	0.30	0.4	417	1.1	0.0	0.00	75
761130		4.0	13.2	8.0	0.050		40	0.45	0.7	433				
761022		13.5	11.0	7.4	0.100		410	0.00	0.6	417				
760924		22.0	10.4	8.5	0.150	0.000	0	0.15	0.7	467	0.2	0.0	0.00	75
760825		27.0	9.7	8.5	0.100		0	0.10	0.6	467				
760720	91400	28.0	8.3	7.9	0.140		10	0.00	1.9	417				
760622	79600	24.5	11.0	8.2	0.100	0.010	10	0.05	0.6	467	0.6	0.2	0.00	100
760511		18.0	13.4	8.7	0.050		0	0.10	0.7	450				
760427		16.0	10.2	7.5	0.100		110	0.35	4.1	450				
760324	278000	11.0	10.3	7.7	0.250	0.010	290	0.00	2.1	433	1.5	0.8	0.00	65
760220	713000	7.0	10.6	7.3	0.330		560	0.30	0.2	350				
760122	234000	1.5	12.0	7.8	0.400		100	0.50	1.5	417				
751208	145000	8.0	10.6	7.5	0.300	0.015	1100	0.25	1.6	400	1.7	0.5	0.00	60
751119	168000	13.0	8.6	7.6	0.280		990	0.00	1.3	503				
751005		19.5	10.0	7.6	0.080		170	0.00	1.1	417				
750929	268000	20.5	6.8	6.5	0.460	0.003	1800	0.20	15.0	500	3.8	0.1	0.00	75
750827		27.0	9.9	8.3	0.250		10	0.10	1.0	450				
750709		29.5	7.5	8.0	0.110		10	0.00	1.2	483				
750625	79700	27.0	6.9	6.9	0.200	0.005	90	0.05	10.5	483	1.6	0.0	0.00	58
750521	192000	23.0	9.4	7.7	0.100		150	0.07	1.2	433				
750407	703000	10.0	10.4	7.6	0.140		140	0.08	1.4	267				
750319	598000	8.0	11.1	6.4	0.200	0.000	640	0.20	8.8	353	3.5	0.0	0.00	45
750218	377000	7.0	12.3	7.7	0.180		550	0.14	1.7	383				
750108	383000	6.5	11.3	7.5	0.280		720	0.09	1.6	367				
741203	181000	7.0	10.6	7.5	0.150	0.000	240	0.08	1.5	500	1.1	0.0	0.00	75
741016		16.5	10.3	8.0	0.100	0.005	120	0.03	0.9	417				

A 07 OHIO RIVER
FISH MARKET AT CAVE-IN-ROCK --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770616	0.000	0.0	0.2	0.000	0.00	0.03	0.04	0.00	0.10	0.0	0.000	0.0	0.2	26
770426		0.0	0.6	0.000	0.00		0.01	0.00	0.06	0.0	0.000	0.0	0.1	21
770324	0.000	0.1	0.3	0.000	0.00	0.00	0.00	0.02	0.44	0.0	0.000	0.0	0.2	19
761221	0.003	0.0	0.2	0.000	0.00	0.05	0.00	0.00	0.17	0.1	0.000	0.0	0.2	30
760924	0.000	0.0	0.2	0.000	0.00	0.05	0.00	0.02	0.05	0.0	0.000	0.0	0.2	30

A 07 OHIO RIVER
FISH MARKET AT CAVE-IN-ROCK --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
760622	0.000	0.1	0.3	0.000	0.00	0.00	0.02	0.00	0.10	0.0	0.000	0.0	0.2	30
760324	0.001	0.0	0.2	0.000	0.00	0.01	0.00	0.02	0.12	0.0	0.000	0.1	0.2	20
751208	0.001	0.0	0.4	0.000	0.00	0.00	0.00	0.00	0.20	0.0	0.000	0.0	0.4	23
750929	0.000	0.0	0.4	0.000	0.00	0.00	0.10	0.02	0.40	0.0	0.000	0.0	0.3	36
750625	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.02	0.10	0.0	0.000	0.0	0.3	20
750319	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.15	0.0	0.000	0.0	0.4	18
741203	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.12	0.0	0.000	0.0	0.2	30

A 07 OHIO RIVER
FISH MARKET AT CAVE-IN-ROCK --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770616			0.03	0.000								
770426			0.00								175	100
770324			0.00	0.010								
761221			0.05	0.000								
760924			0.05	0.005								
760622			0.00	0.100								
760324			0.01	0.010			0.20					
751208				0.008			0.20					
750929				0.000			1.00					
750625				0.000			0.60					
750319				0.000			0.50					
741203				0.000			0.20					
741016							0.10					

A 08 OHIO RIVER
ROUTE 56 BRIDGE AT SHAWNEETOWN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (UG/L)	SULFATE (SO4) (MG/L)
770915		23.5	11.7	8.1	0.070		500	0.05	1.0	450				
770825		24.5	7.8	7.8	0.250		1400	0.10	1.2	383				
770721		31.5	15.3	8.5	0.050	0.000	60	0.05	1.0	442	0.4	0.0	0.00	70
770603		25.5	11.7	8.3	0.080		70	0.35	0.4	533				
770505		17.0	8.5	7.9	0.350		870	0.10	1.3	467				
770405		10.0	8.0	7.6	0.290	0.005	100	0.10	2.3	367	2.4	0.0	0.00	53
770308		5.5	9.7	7.4	0.250		60	0.35	1.8	367				
770208		0.0	12.8	7.7	0.100		0	0.40	0.8	1567				
770121				7.6	0.130	0.003	10	0.45	0.6	483	0.3	0.0	0.00	65
761208		4.0	12.4	8.1	0.100		0	0.15	1.3	500				
761116		6.5	13.5	8.1	0.110		10	0.15	1.7	517				
761026		12.0	11.0	7.6	0.300	0.005	3300	0.10	1.1	450	3.8	0.1	0.00	65
760928		21.0	12.5	8.3	0.200		150	0.20	0.9	483				
760826		28.5	13.0	8.5	0.080		40	0.05	0.2	483				
760727		29.0	11.2	8.3	0.500	0.005	420	0.00	1.4	467	0.8	0.0	0.00	65
760618		25.5	11.2	8.1	0.100		50	0.10	1.2	533				
760512		19.5	10.1	7.7	0.100		0	0.00	0.9	600				
760428		14.5	11.3	8.0	0.100	0.005	20	0.00	1.9	583	1.0	0.2	0.00	60
760305		14.5	8.7	7.7	0.300		390	0.00	2.7	467				
760217		7.0	10.1	7.8	0.300		2100	0.45	1.3	400				
760121		1.0	14.3	7.9	0.260	0.000	580	0.30	1.8	417	3.0	0.3	0.00	60
751203		8.0	10.7	7.5	0.600		7000	0.25	1.2	483				
751119		12.0	9.7	8.0	0.250		5000	0.05	1.5	450				
751006		18.0	12.2	8.4	0.160	0.004	2000	0.00	1.1	483	0.8	0.0	0.00	71
750922		18.0	8.6	7.7	0.120		70	0.00	2.0	500				
750821		24.5	10.9	8.2	0.160		230	0.10	0.7	517				
750709		28.0	7.1	7.7	0.150	0.005	10	0.00	4.5	552	0.8	0.0	0.00	62

A 08 OHIO RIVER
ROUTE 56 BRIDGE AT SHAWNEETOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
750610		22.0	6.9	7.9	0.270		580	0.15	2.5	400				
750506		19.5	7.0	7.6	0.220		40	0.15	1.9	300				
750402		10.5	9.6	6.9	0.180	0.006	150	0.12	9.5	317	4.0	0.0	0.00	50
750312		5.0	11.6	7.3	0.250		130	0.20	2.3	367				
750205		5.0	11.0	7.6	0.220		160	0.48	2.5	383				
750107		5.5	11.2	6.9	0.200	0.005	670	0.15	10.0	417	2.5	0.0	0.00	50
741204		6.0	11.3	7.9	0.180	0.000	200	0.10	1.4	467				
741001		16.5	7.8	7.2	0.210	0.005	2500	0.03	3.4	467	2.7	0.0	0.00	60

A 08 OHIO RIVER
ROUTE 56 BRIDGE AT SHAWNEETOWN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770721	0.002	0.0	0.2	0.000	0.00	0.00	0.06	0.01	0.07	0.0	0.000	0.0	0.2	23
770405	0.001	0.0	0.4	0.000	0.00	0.00	0.04	0.03	0.20	0.0	0.000	0.0	0.2	21
770121	0.002	0.0	0.2	0.000	0.00	0.03	0.00	0.00	0.11	0.0	0.000	0.0	0.2	13
761026	0.004	0.1	0.2	0.000	0.00	0.02	0.00	0.02	0.53	0.0	0.000	0.1	0.3	25
760727	0.001	0.0	0.2	0.000	0.00	0.10	0.04	0.01	0.15	0.0	0.000	0.0	0.3	30
760428	0.000	0.0	0.2	0.000	0.00	0.00	0.06	0.07	0.25	0.0	0.000	0.0	0.2	30
760121	0.000	0.0	0.2	0.000	0.00	0.02	0.01	0.02	0.18	0.0	0.000	0.1	0.2	23
751006	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.00	0.16	0.0	0.000	0.0	0.2	25
750709	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.08	0.0	0.000	0.0	0.3	23
750402	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.02	0.10	0.0	0.000	0.0	0.5	22
750107	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.15	0.0	0.000	0.0	0.1	20
741001	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.20	0.0	0.000	0.0	0.2	23

A 08 OHIO RIVER
ROUTE 56 BRIDGE AT SHAWNEETOWN --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770721			0.00	0.000								
770405			0.00	0.000								
770208								870				
770121				0.005								
761026			0.02	0.005								
760727			0.10	0.000								
760428			0.00	0.010			0.20					
760121				0.020			0.60					
751006				0.010			0.20					
750709				0.000			0.30					
750402				0.000			0.60					
750107				0.000			0.60					
741204							0.20					
741001				0.000			0.40					

AD 01 CACHE RIVER
ROUTE 169 BRIDGE 1 MILE EAST OF KARNAK
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770623		23.0	6.0	7.5	0.060		110	0.15	0.1	483				
770526		17.0	6.1	7.6	0.110	0.005	380	0.10	0.1	383	1.8	0.0	0.00	22
770421		16.0	6.4	7.5	0.200		30	0.35	0.3	417	2.7			27
770329		12.0	6.3	6.8	0.500		8300	0.35	0.3	83	3.7			15

AD 01 CACHE RIVER
ROUTE 169 BRIDGE 1 MILE EAST OF KARNAK --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-NIUM (MG/L)	SULFATE (SO4) (MG/L)
770210		0.5	8.8	7.6	0.360	0.000	290		0.1	617	1.6	0.0	0.00	48
761216		1.0	16.4	7.9	0.200		10	0.15	0.2	483				
761117		5.0	7.7	7.6	0.100	0.005	20	0.10	0.0	550	1.2	0.0	0.01	20
761020		10.5	7.7	7.7	0.180		180	0.10	0.1	533				
760921		16.5	6.0	7.6	0.100		160	0.20	0.2	500				
760824		21.0	6.0	7.5	0.130	0.010	130	0.15	0.0	450	0.9	0.0	0.00	25
760716		24.0	6.0	7.1	0.360		110	0.20	0.3	167				
760610		20.5	7.5	7.3	0.200		600	0.15	0.8	333				
760527		17.0	6.8	7.5	0.150	0.005	230	0.15	0.2	417	1.5	0.2	0.00	25
760416		18.0	7.7	7.5	0.150		150	0.10	1.0	383				
760323		11.0	8.9	7.1	0.350		2800	0.20	1.5	200				
760219		10.0	7.9	7.1	0.400	0.005	8300	0.35	0.2	117	7.5	0.0	0.00	40
760128		1.0	12.4	7.2	0.360		820	0.10	0.7	183				
751210		4.0	10.0	7.4	0.400		560	0.20	0.5	217				
751124		8.0	9.6	7.5	0.200	0.010	130	0.30	0.1	350	1.7	0.0	0.00	23
751006		16.0	9.0	7.5	0.060		110	0.10	0.1	400				
750929		13.0	7.5	7.3	0.120		170	0.15	0.2	350				
750813		26.5	6.3	6.9	0.160	0.006	340	0.15	5.2	267	2.9	0.2	0.00	10
750724		24.0	5.8	7.5	0.410		450	0.20	0.5	383				
750624		21.5	5.9	7.2	0.200		0	0.15	0.4	408				
750507		18.0	5.4	7.0	0.450	0.008	26000	0.42	2.8	158	3.8	0.0	0.00	20
750416		11.5	8.4	7.1	0.170		40	0.08	0.2	233				
750318		6.5	11.4	6.9	0.080		220	0.09	0.3	150				
750206		5.0	9.6	6.9	0.190	0.005	540	0.14	0.5	183	3.5	0.0	0.00	30
750113		1.5	11.2	6.9	0.390		500	0.17	0.5	133				
741218		3.0	11.4	7.5	0.120	0.005	170	0.51	0.6	283				
741112		10.0	8.0	7.0	0.260	0.015	2000	0.10	0.3	200	2.9	0.0	0.00	30
741028		13.5	6.3	7.3	0.070	0.025	330	0.07	0.1	450				

AD 01 CACHE RIVER
ROUTE 169 BRIDGE 1 MILE EAST OF KARNAK --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770526	0.000	0.3	0.2	0.000	0.00	0.00	0.00	0.00	0.65	0.0	0.000	0.0	0.2	8
770421		0.1	0.3	0.000	0.00		0.09	0.04	0.93	0.1	0.000	0.1	0.1	6
770329		0.1	0.3	0.000	0.00	0.00	0.02	0.00	0.41	0.0	0.000	0.0	0.1	6
770210	0.005	0.1	0.2	0.000	0.00	0.02	0.00	0.01	0.70	0.0	0.000	0.0	0.2	42
761117	0.003	0.1	0.1	0.000	0.00	0.03	0.00	0.00	0.97	0.0	0.000	0.0	0.2	7
760824	0.001	0.1	0.0	0.000	0.00	0.00	0.03	0.00	0.78	0.0	0.000	0.0	0.3	8
760527	0.003	0.1	0.1	0.000	0.00	0.00	0.02	0.00	0.62	0.0	0.000	0.0	0.2	10
760219	0.000	0.0	0.4	0.000	0.00	0.00	0.02	0.01	0.37	0.0	0.000	0.1	0.1	15
751124	0.012	0.2	0.1	0.000	0.00	0.00	0.00	0.01	0.48	0.0	0.000	0.0	0.3	10
750813	0.001	0.1	0.2	0.000	0.00	0.00	0.00	0.00	0.50	0.0	0.000	0.0	0.2	5
750507	0.002	0.0	0.3	0.000	0.00	0.00	0.00	0.03	0.40	0.0	0.000	0.0	0.2	5
750206	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.14	0.0	0.000	0.0	0.2	10
741112	0.000	0.1	0.2	0.000	0.00	0.00	0.00	0.01	0.30	0.0	0.000	0.0	0.2	8

AD 01 CACHE RIVER
ROUTE 169 BRIDGE 1 MILE EAST OF KARNAK --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	HBAS (MG/L)	HOE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770526			0.00	0.010								
770421			0.00								110	88
770329			0.00								36	22
770210			0.02	0.000								
761117			0.03	0.020								
760824			0.00	0.010								
760527			0.00	0.010			0.10					
760219				0.010			0.10					
751124				0.000			0.10					

AD 01 CACHE RIVER
SOUTH 169 BRIDGE 1 MILE EAST OF KAHNAK —CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (UG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ABAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
750813				0.000			0.30					
750507				0.014			0.20					
750318	20											
750206				0.000			0.10					
741218							0.00					
741112				0.000			0.20					
741028							0.20					

AD 02 CACHE RIVER
COUNTY ROAD 1 MILE NORTHEAST OF BELKNAP
LAB: MARION DISCHARGE DATA: 03612000 CACHE RIVER AT PERMAN, IL
DRAINAGE AREA: 244 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770922	35	18.5	12.4	7.4	0.120	0.006	300	0.85	0.4	217	2.5	0.0	0.00	15
770831	112	23.5	6.8	7.5	0.200		320	0.15	0.1	217				
770727	217	23.0	7.0	7.6	0.550		4700	0.25	0.8	192				
770623	2.0	26.5	7.6	7.8	0.060	0.000	30	0.10	0.0	433	0.7	0.0	0.00	27
770526	25	19.0	6.6	7.6	0.080		160	0.15	0.1	317				
770421	104	16.0	6.1	7.5	0.150		30	0.25	0.2	483	1.8			35
770329	5600	13.0	5.9	6.8	0.360	0.006	4200	0.25	0.2	82	2.2	0.0	0.00	15
770210	20	0.0	8.7	7.4	0.520		130	0.55	0.1	800				
761216	31	0.0	20.0	7.9	0.200	0.000	0	0.10	0.2	500	0.6	0.0	0.00	72
761117	0.62	3.0	8.2	7.5	0.200		30	0.10	0.0	400				
761020	0.22	9.5	7.0	7.4	0.200		150	0.10	0.1	408				
760921	0.01	18.0	6.8	7.6	0.100	0.010	190	0.15	0.3	417	0.6	0.1	0.00	25
760824	5.8	23.5	7.4	7.5	0.200		70	0.10	0.0	275				
760716	189	24.0	5.1	6.9	0.180		90	0.10	0.1	142				
760610	30	21.0	8.1	7.4	0.150	0.015	1000	0.10	0.5	283	2.6	0.1	0.00	50
760527	6.7	18.0	8.4	7.7	0.150		120	0.10	0.4	350				
760416	29	18.0	8.7	7.6	0.050		80	0.10	4.0	400				
760323	488	11.0	8.7	7.2	0.400	0.020	2400	0.30	0.6	183	6.0	0.2	0.00	25
760219	2100	10.0	8.3	7.4	0.350		8200	0.35	0.5	132				
760128	450	1.0	14.6	7.0	0.360		840	0.10	0.4	167				
751211	102	4.5	10.4	7.2	0.400	0.000	240	0.10	0.3	217	1.8	0.0	0.00	75
751124	25	6.0	11.1	7.4	0.200		150	0.25	0.0	300				
751007	6.6	14.0	8.0	7.6	0.120		110	0.00	0.3	250				
750929		13.0	8.2	7.2	0.170	0.002	270	0.10	0.3	217	2.6	0.0	0.00	17
750813		26.0	6.3	7.1	0.200		260	0.10	0.3	142				
750710	83	25.0	7.1	7.2	0.290		780	0.15	0.5	183				
750618	55	24.0	6.7	6.5	0.270	0.006	350	0.10	7.7	250	5.2	0.0	0.00	16
750507	936	18.0	6.5	7.2	0.250		4400	0.28	0.9	200				
750416	91	11.0	9.4	7.4	0.130		40	0.05	0.2	250				
750317	800	6.0	11.1	5.9	0.150	0.000	300	0.08	6.3	150	3.2	0.0	0.00	25
750206	840	5.0	10.7	6.8	0.240		610	0.10	0.4	183				
750113	1500	0.5	11.2	7.0	0.340		1400	0.15	0.2	125				
741210	212	3.5	11.7	7.1	0.120	0.005	760	0.05	0.5	233	1.9	0.0	0.00	40
741112	424	9.5	7.2	7.0	0.250	0.015	1300	0.05	0.2	200				
741021	28	11.5	7.8	7.7	0.120	0.010	160	0.03	0.0	317				

AD 02 CACHE RIVER
COUNTY ROAD 1 MILE NORTHEAST OF BELKNAP --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (UG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770922	0.001	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.50	0.0	0.000	0.0	0.1	8
770623	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.46	0.0	0.000	0.0	0.2	18
770421		0.1	0.2	0.000	0.00		0.04	0.02	0.93	0.0	0.000	0.0	0.1	9
770329	0.001	0.0	0.4	0.000	0.00	0.00	0.04	0.00	0.30	0.0	0.000	0.0	0.1	5
761216	0.002	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.10	0.0	0.000	0.0	0.2	23
760921	0.000	0.1	0.1	0.000	0.00	0.02	0.00	0.02	0.37	0.0	0.000	0.0	0.3	23

AD 02 CACHE RIVER
COUNTY ROAD 1 MILE NORTHEAST OF BELKNAP --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
760610	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.45	0.0	0.000	0.0	0.2	10
760323	0.000	0.0	0.3	0.000	0.00	0.05	0.00	0.01	0.37	0.1	0.000	0.1	0.1	8
751211	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.20	0.0	0.000	0.0	0.2	10
750929	0.001	0.0	0.1	0.010	0.00	0.00	0.00	0.01	0.20	0.0	0.000	0.0	0.1	7
750618	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.48	0.0	0.000	0.0	0.2	8
750317	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.10	0.0	0.000	0.0	0.1	6
741210	0.000	0.0	0.1	0.000	0.00	0.00	0.01	0.00	0.26	0.0	0.000	0.0	0.1	10

AD 02 CACHE RIVER
COUNTY ROAD 1 MILE NORTHEAST OF BELKNAP --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770922				0.001								
770623			0.00	0.000								
770421			0.00									120
770329			0.00	0.000							40	24
761216			0.00	0.000								
760921			0.02	0.010								
760610			0.00	0.010								
760323			0.05	0.010			0.20					
751211				0.009			0.00					
750929				0.000			0.20					
750618				0.000			0.40					
750317				0.000			0.40					
741210				0.000			0.30					
741112							0.20					
741021							0.20					

AD 03 CACHE RIVER
ROUTE 37 BRIDGE 0.5 MILE SOUTHWEST WEST VIENNA
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770623		25.0	3.3	7.5	0.090	0.005	270	0.30	0.1	500	0.7	0.0	0.00	36
770526		17.0	4.5	7.3	0.290		9700	0.25	0.2	317				
770421		16.0	5.1	7.5	0.200		600	0.35	0.3	650	1.7			60
770329		12.0	6.4	7.0	0.700	0.005	4900	0.45	0.4	90	4.1	0.0	0.00	12
761216			18.2	7.8	0.550	0.000	20	0.15	0.7	500	0.7	0.0	0.00	54
761117		1.5	3.8	7.2	0.350		0	0.00	0.1	417				
761020		8.5	4.8	7.4	0.280		1000	0.00	0.0	700				
760921		17.0	3.8	7.6	0.150	0.010	210	0.20	0.3	517	1.0	0.0	0.00	43
760824		21.0	4.5	7.4	0.200		350	0.15	0.2	450				
760716		24.5	4.0	7.0	0.200		460	0.15	0.6	333				
760610		20.0	5.5	7.2	0.200	0.010	500	0.10	0.8	400	2.6	0.1	0.00	30
760527		16.5	5.2	7.4	0.300		60	0.15	0.5	433				
760416		17.0	6.9	7.5	0.150		160	0.05	2.3	433				
760323		11.0	7.0	7.1	0.350	0.020	2500	0.30	1.3	200	5.6	0.3	0.00	25
760219		10.0	8.0	7.3	0.430		6500	0.40	0.3	117				
760128		1.0	14.2	7.4	0.420		1900	0.10	0.6	183				
751211		4.5	9.4	7.4	0.310	0.000	390	0.10	0.4	267	1.3	0.0	0.00	220
751124		6.0	9.6	7.5	0.200		190	0.05	0.1	350				
751007		14.0	6.0	7.6	0.180		340	0.05	0.6	383				
750929		13.0	7.7	7.1	0.160	0.003	530	0.10	0.5	300	2.2	0.1	0.00	25
750813		26.0	4.5	7.0	0.220		690	0.20	0.4	200				
750710		24.0	5.2	7.2	0.300		950	0.15	0.5	233				
750618		23.0	6.2	6.3	1.460	0.010	46000	1.00	9.4	217	34.5	0.0	0.00	25
750507		17.0	6.3	7.3	0.450		5400	0.29	2.7	217				
750414		10.5	10.9		0.130		70	0.00	0.2	367				
750317		6.0	12.0	6.8	0.150	0.000	530	0.10	4.8	167	3.0	0.0	0.00	25

AD 03 CACHE RIVER
ROUTE 37 BRIDGE 0.5 MILE SOUTHWEST WEST VIENNA --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
750211		1.5	13.4	7.6	0.200		60	0.14	0.8	317				
750113		0.5	10.7	7.2	0.380		1500	0.15	0.3	150				
741210		2.0	11.5	4.4	0.130	0.005	730	0.20	20.5		1.9	0.0	0.00	40
741106		12.0	5.4	7.1	0.410	0.015	3700	0.10	0.3	133				
741021		9.0	3.9	8.0	0.180	0.030	130	0.05	0.2	400				

AD 03 CACHE RIVER
ROUTE 37 BRIDGE 0.5 MILE SOUTHWEST WEST VIENNA --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770623	0.002	0.2	0.2	0.000	0.00	0.00	0.00	0.01	2.37	0.0	0.000	0.0	0.3	21
770421		0.1	0.3	0.000	0.00		0.09	0.03	0.74	0.1	0.000	0.0	0.2	11
770329	0.001	0.1	0.4	0.000	0.00	0.00	0.06	0.02	0.45	0.0	0.000	0.0	0.1	6
761216	0.001	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.10	0.0	0.000	0.0	0.2	25
760921	0.001	0.2	0.1	0.000	0.00	0.00	0.00	0.02	1.15	0.0	0.000	0.0	0.6	25
760610	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.02	0.55	0.0	0.000	0.0	0.2	20
760323	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.32	0.0	0.000	1.2	0.1	80
751211	0.000	0.0	0.3	0.010	0.00	0.00	0.00	0.00	0.20	0.0	0.000	0.0	0.2	11
750929	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.35	0.0	0.000	0.0	0.2	9
750618	0.001	0.3	0.4	0.000	0.00	0.02	0.06	0.02	1.45	0.0	0.000	0.1	0.2	19
750317	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.15	0.0	0.000	0.0	0.1	6
741210	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.23	0.0	0.000	0.0	0.1	10

AD 03 CACHE RIVER
ROUTE 37 BRIDGE 0.5 MILE SOUTHWEST WEST VIENNA --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ABAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770623			0.00	0.000								
770421			0.00								160	110
770329			0.00	0.000							44	40
761216			0.00	0.000								
760921			0.00	0.010								
760610			0.00	0.010								
760323			0.00	0.010			0.20					
751211				0.010			0.00					
750929				0.000			0.20					
750618				0.000			0.10					
750317				0.000			0.40					
741210				0.000			0.90	1480				
741106							0.20					
741021							0.30					

AJ 01 BAY CREEK
COUNTY ROAD BRIDGE 2 MILES NORTH OF BAY CITY
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770615		24.5	8.5	7.4	0.070		430	0.10	0.0	283				
770510		16.5	10.5	7.3	0.110	0.000	400	0.25	0.1	175	2.0	0.0	0.00	25
770414		18.5	15.0	8.9	0.100		20	0.10	0.3	200	0.6			35
770322		10.5	10.1	6.7	0.150		40	0.10	0.1	158				
770223		5.5	11.1	7.2	0.050	0.000	20	0.35	0.2	250	1.2	0.0	0.00	40
761229		0.0	23.6	7.4	0.100		0	0.10	0.0	317				
761130		0.0	11.8	7.7	0.050	0.065	10	0.05	0.0	383	1.5	0.0	0.00	10

AJ 01 BAY CREEK
COUNTY ROAD BRIDGE 2 MILES NORTH OF BAY CITY --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/100 ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (UG/L)	SULFATE (SO4) (MG/L)
761021		10.5	9.1	7.4	0.050			0.15	0.1					
760923		17.0	10.1	7.8	0.050		130	0.00	0.0	350				
760819		23.5	8.6	7.4	0.170	0.015	120	0.05	0.1	233	3.7	0.0	0.00	20
760722		26.0	9.9	7.4	0.180		500	0.10	0.2	242				
760623		21.0	8.1	7.4	0.150		180	0.15	0.4	217				
760513		18.0	9.5	7.6	0.100	0.000	80	0.10	0.3	233	2.1	0.1	0.00	20
760422		18.0	7.8	7.5	0.250		590	0.10	0.3	250				
760326		16.5	9.7	7.1	0.150		120	0.15	2.1	200				
760225		10.0	8.5	6.9	0.150	0.000	120	0.25	0.3	107	2.6	0.6	0.00	22
760127		2.0	12.2	7.5	0.430		800	0.40	0.8	157				
751210		6.0	10.6	7.3	0.080		510	0.05	0.3	167				
751126		5.0	12.1	7.2	0.100	0.000		0.10	0.2	217	2.2	0.0	0.00	80
751009		18.5	7.8	7.5	0.100		740	0.05	0.2	300				
750929		20.0	7.3	7.4	0.080		240	0.15	1.4	450				
750827		27.0	8.1	7.7	0.090	0.005	100	0.05	0.9	317	1.9	0.0	0.00	10
750716		21.5	8.5	7.5	0.090		380	0.10	0.3	300				
750625		25.0	6.4	7.1	0.180		230	0.10	0.2	317				
750521		24.0	6.6	7.0	0.100	0.004		0.14	1.1	200	1.9	0.0	0.00	20
750407		12.0	11.7	6.9	0.110		30	0.07	0.1	92				
750319		5.0	12.0	6.5	0.130		240	0.06	0.3	103				
750218		5.5	11.1	7.2	0.060	0.000	10	0.05	0.3	183	1.0	0.0	0.00	35
750108		5.0	10.8	7.3	0.080		80	0.00	0.1	1417				
741203		3.0	11.1	7.2	0.060	0.005	440	0.00	0.2	183				
741021		10.5	7.6	7.9	0.110	0.005	260	0.03	0.1	267				

AJ 01 BAY CREEK
COUNTY ROAD BRIDGE 2 MILES NORTH OF BAY CITY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770510	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.35	0.0	0.000	0.0	0.1	6
770414		0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.03	0.0	0.000	0.0	0.1	9
770223	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.18	0.0	0.000	0.0	0.1	9
761130	0.000	0.1	0.2	0.000	0.00	0.05	0.00	0.00	0.75	0.0	0.000	0.0	0.1	5
760819	0.000	0.1	0.0	0.000	0.00	0.00	0.00	0.00	0.70	0.0	0.000	0.1	0.1	4
760513	0.000	0.6	0.0	0.000	0.00	0.00	0.04	0.00	0.60	0.0	0.000	0.0	0.1	5
760225	0.000	0.5	0.0	0.020	0.00	0.00	0.02	0.00	0.07	0.0	0.000	0.1	0.2	8
751126	0.001	0.0	0.1	0.010	0.00	0.00	0.00	0.00	0.48	0.0	0.000	0.0	0.2	7
750827	0.000	0.0	0.0	0.010	0.00	0.00	0.00	0.02	0.80	0.0	0.000	0.0	0.2	4
750521	0.001	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.84	0.0	0.000	0.0	0.1	4
750218	0.000	0.0	0.1	0.000	0.00		0.00	0.00	0.20	0.0	0.000	0.0	0.1	8

AJ 01 BAY CREEK
COUNTY ROAD BRIDGE 2 MILES NORTH OF BAY CITY --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770510			0.00	0.000								
770414			0.00								80	44
770223			0.00	0.010							100	65
761130			0.05	0.005								
760819			0.00	0.000								
760513			0.00	0.020			0.10					
760225				0.010			0.10					
751126				0.000			0.10					
750827				0.010			0.10					
750521				0.000			0.10					
750218				0.000			0.10					
741203							0.10					
741021							0.20					

AK 01 LUSK CREEK
ROUTE 146 BRIDGE AT GOLCONDA
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770616		24.5	6.2	7.3	0.230	0.005	350000	0.20	0.1	233	2.2	0.0	0.00	25
770517		18.5	4.8				90							
770426		13.0	8.3	7.3	0.050		460	0.10	0.4	133	1.2			30
770324		10.0	8.4	6.9	0.060	0.005	0	0.10	0.1	125	0.8	0.0	0.00	25
770217		0.0	11.5	7.5	0.080		0	0.25	0.4	467				
761221		0.0	12.6	7.4	0.050	0.003	10	0.10	0.0	367	1.1	0.0	0.00	35
761130		0.0	10.6	7.6	0.000		0	0.05	0.0	500				
761022		11.5	6.7	7.2	0.100		190	0.10	0.5	483				
760924		21.0	5.9	7.4	0.100	0.000	60	0.10	0.4	433	1.0	0.0	0.00	50
760825		26.5	8.6	7.5	0.140		160	0.10	0.6	400				
760720		25.5	9.2	7.4	0.180		150	0.10	0.4	333				
760622		22.0	3.7	7.1	0.200	0.010	200	0.40	0.1	250	3.3	0.1	0.00	30
760511		16.5	5.2	7.2	0.100		100	0.40	0.2	317				
760427		12.0	8.6	7.3	0.150		9000	0.45	0.4	217				
760324		13.5	9.2	7.2	0.150	0.010	740	0.50	1.5	142	1.9	0.9	0.00	20
760220		10.0	9.2	6.4	0.090		2100	0.15	0.2	85				
760122		1.0	9.9	6.9	0.060		40	0.20	0.5	200				
751208		7.0	8.8	6.9	0.230	0.014	2500	0.15	0.3	183	1.4	0.5	0.00	20
750929		20.5	7.2	7.5	0.080	0.004	190	0.15	1.4	450	0.5	0.2	0.00	105
750827		27.0	5.9	7.5	0.050		70	0.10	0.7	533				
750716		24.5	9.3	7.5	0.080		160	0.10	0.2	317				
750521		24.0	10.1	7.5	0.100		200	0.05	0.7	317				
750407		10.0	10.6	6.9	0.200		20	0.06	0.2	80				
750319		6.5	12.8	6.6	0.080	0.000	70	0.05	2.2	208	5.8	0.0	0.00	35
750218		6.0	10.7	7.2	0.020		20	0.00	0.3	150				
750108		6.5	10.0	7.2	0.080		460	0.00	0.0	117				
741203		4.0	11.0	7.5	0.070	0.005	1100	0.00	0.3	183	0.7	0.0	0.00	30

AK 01 LUSK CREEK
ROUTE 146 BRIDGE AT GOLCONDA --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770616	0.002	0.0	0.3	0.000	0.00	0.02	0.06	0.00	0.92	0.0	0.000	0.0	0.2	6
770426		0.0	0.4	0.000	0.00		0.00	0.00	0.24	0.0	0.000	0.0	0.0	4
770324	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.12	0.0	0.000	0.0	0.1	4
761221	0.001	0.0	0.1	0.000	0.00	0.04	0.00	0.00	1.20	0.0	0.000	0.0	0.1	14
760924	0.000	0.0	0.2	0.000	0.00	0.02	0.03	0.01	0.35	0.0	0.000	0.1	0.2	26
760622	0.000	0.1	0.2	0.000	0.00	0.00	0.02	0.03	0.95	0.0	0.000	0.0	0.2	8
760324	0.000	0.1	0.1	0.000	0.00	0.03	0.00	0.02	0.25	0.0	0.000	0.1	0.1	3
751208	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.50	0.0	0.000	0.0	0.1	8
750929	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.05	0.0	0.000	0.0	0.3	26
750319	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.02	0.25	0.0	0.000	0.0	0.3	10
741203	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.02	0.0	0.000	0.0	0.1	7

AK 01 LUSK CREEK
ROUTE 146 BRIDGE AT GOLCONDA --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	SBAS (MG/L)	BOE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3 (MG/L)
770616			0.02	0.000								
770426			0.00								50	28
770324			0.00	0.010								
761221			0.04	0.000								
760924			0.02	0.020								
760622			0.00	0.010								
760324			0.03	0.000			0.20					
751208				0.010			0.10					
750929				0.000			0.30					
750319				0.000			0.30					

AK 01 LUSK CREEK
ROUTE 146 BRIDGE AT GOLCONDA --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	FLASK-TOR (NO/ML)	TOTAL SULFUR (S) (MG/L)	NBAS (MG/L)	NOE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
741203				0.000			0.10					

AK 02 LUSK CREEK
COUNTY ROAD BRIDGE 4 MILES SOUTHEAST OF EDDYVILLE
LAB: MARION DISCHARGE DATA: 03384450 LUSK CREEK NEAR EDDYVILLE, IL
DRAINAGE AREA: 42.9 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770909	1.4	21.0	7.7	7.1	0.050	0.000	80	0.05	0.1	133	0.3	0.0	0.00	8
770825	1.5	21.5	8.1	7.4	0.000		20	0.15	0.0	150				
770708	0.62	26.0	5.4	7.7	0.050		40	0.15	0.0	142				
770616	0.17	23.0	8.4	7.1	0.030	0.000	30	0.25	0.0	142	0.4	0.2	0.00	102
770517	3.9	17.0	9.4	7.4	0.000		20	0.05	0.0	125				
770426	25	10.5	10.6	7.3	0.020		100	0.05	0.0	108	0.2			20
770324	19	8.0	11.0	6.9	0.010	0.005	10	0.10	0.0	117	0.4	0.0	0.00	28
770217	3.5	0.5	12.5	7.4	0.000		0	0.00	0.1	200				
770126	0.50	0.0	21.8	7.0	0.000		10	0.10	0.0	200				
761221	0.11	0.0	22.2	7.3	0.000	0.000	0	0.00	0.0	167	0.7	0.0	0.00	30
761130	0.53	0.0	10.8	7.4	0.000		0	0.00	0.0	158				
761022	0.00	6.0	4.7	7.0	0.000		0	0.00	0.0	225				
760924	0.00	16.5	5.5	7.1	0.050	0.005	10	0.10	0.0	167	0.5	0.0	0.00	8
760825	0.36	23.5	6.4	7.1	0.050		30	0.15	0.2	158				
760720	2.0	23.5	8.4	7.4	0.070		40	0.10	0.1	142				
760622	6.4	20.0	8.7	7.2	0.050	0.005	30	0.05	0.0	142	0.4	0.1	0.00	20
760511	15	16.0	10.0	7.2	0.000		0	0.20	0.2	133				
760427	48	13.0	10.6	7.2	0.050		90		0.3	108				
760324	61	11.5	11.2	7.1	0.050	0.010	30	0.00	1.0	117	0.4	0.6	0.00	15
760220	99	9.5	11.6	6.6	0.010		40	0.05	0.1	100				
760122	23	1.0	15.1	7.1	0.050		0	0.20	0.2	120				
751208	35	7.0	11.1	6.9	0.000	0.007	170	0.10	0.1	117	0.4	0.7	0.00	20
751126	8.2	5.0	12.0	7.2	0.020		10	0.00	0.1	145				
751009	0.00	15.5	6.2	7.0	0.010		20	0.05	1.1	133				
750929	0.52	14.0	7.5	6.5	0.010	0.005	30	0.15	3.1	117	0.4	0.0	0.00	10
750827	0.00	27.0	4.7	6.8	0.010		10	0.10	0.0	125				
750716	0.20	24.0	8.7	7.5	0.010		30	0.00	0.1	143				
750625	1.3	24.0	5.9	7.1	0.080	0.005	20	0.00	0.1	130	0.6	0.0	0.00	18
750521	7.2	21.0	8.5	7.5	0.000		10	0.05	0.1	108				
750407	41	9.5	12.1	7.0	0.030		10	0.03	0.2	100				
750319	481	7.0	11.6	3.7	0.050	0.000	120	0.04	6.4	173	1.0	0.0	0.00	15
750218	52	6.0	11.8	7.6	0.010		10	0.00	0.2	117				
750108	89	5.5	11.8	7.5	0.050		40	0.00	0.0	1083				
741203	51	4.0	11.8	7.3	0.000	0.005	40	0.00	0.1	62	0.1	0.0	0.00	25
741016	12	13.0	7.4	7.2	0.010	0.005	1350	0.03	0.0	125				

AK 02 LUSK CREEK
COUNTY ROAD BRIDGE 4 MILES SOUTHEAST OF EDDYVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770909	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.17	0.0	0.000	0.0	0.1	2
770616	0.001	0.0	0.2	0.000	0.00	0.04	0.04	0.00	0.35	0.0	0.000	0.0	0.1	3
770426		0.0	0.2	0.000	0.00		0.00	0.00	0.03	0.0	0.000	0.0	0.0	3
770324	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.06	0.0	0.000	0.0	0.1	4
761221	0.000	0.0	0.1	0.000	0.00	0.02	0.00	0.00	0.22	0.0	0.000	0.0	0.1	4
760924	0.000	0.0	0.0	0.000	0.00	0.02	0.03	0.01	0.43	0.0	0.000	0.0	0.1	4
760622	0.000	0.1	0.0	0.000	0.00	0.00	0.02	0.00	0.25	0.0	0.000	0.0	0.1	3
760324	0.000	0.1	0.1	0.000	0.00	0.03	0.00	0.03	0.12	0.0	0.000	0.1	0.0	3
751208	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.15	0.0	0.000	0.0	0.0	4
750929	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.15	0.0	0.000	0.0	0.1	2
750625	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.40	0.0	0.000	0.0	0.1	2

AK 02 LUSK CREEK
COUNTY ROAD BRIDGE 4 MILES SOUTHEAST OF EDDYVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
750319	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.05	0.0	0.000	0.0	0.2	3
741203	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.00	0.0	0.000	0.0	0.0	2

AK 02 LUSK CREEK
COUNTY ROAD BRIDGE 4 MILES SOUTHEAST OF EDDYVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	BOE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770909			0.00	0.001								
770616			0.04	0.000								
770426			0.00								74	18
770324			0.00	0.010								
761221			0.02	0.000								
760924			0.02	0.020								
760622			0.00	0.010								
760324			0.03	0.000			0.10					
751208				0.009			0.00					
750929				0.000			0.30					
750625				0.000			0.20					
750319				0.000			0.40					
741203				0.000			0.10					
741016							0.00					

AL 01 BIG GRAND PIERRE CREEK
ROUTE 146 BRIDGE 2 MILES WEST OF ROUTE 34
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770616		24.0	9.0	7.7	0.020		200	0.10	0.0	283				
770517		19.5	9.5	7.7	0.050	0.000	20	0.05	0.0	250	0.3	0.0	0.00	35
770426		11.5	10.8	7.6	0.020		6600	0.15	0.0	217	0.3			30
770324		7.0	10.6	7.5	0.010		20	0.10	0.1	200				
770217		0.0	12.8	7.5	0.000	0.005	0	0.05	0.2	267	0.4	0.0	0.00	35
770126		0.0	22.8	7.6	0.000		0	0.10	0.0	400				
761221		0.5	24.0	7.9	0.000		0	0.00	0.0	350				
761130		1.0	11.4	7.9	0.000	0.003	40	0.00	0.0	383	0.6	0.0	0.00	20
761022		9.0	7.2	7.4	0.000		20	0.00	0.0	350				
760924		18.5	8.2	7.7	0.050		10	0.10	0.0	300				
760825		24.5	8.2	7.6	0.100	0.002	110	0.05	0.0	283	0.4	0.0	0.00	30
760720		23.5	7.9	7.5	0.050		300	0.05	0.1	250				
760622		20.0	8.2	7.5	0.050		140	0.30	0.1	250				
760511		15.5	8.9	7.5	0.050	0.005	350	0.20	0.1	267	0.9	0.0	0.00	25
760427		13.0	9.8	7.4	0.050		270	0.35	0.4	158				
760328		11.5	11.1	7.5	0.000		80	0.00	0.2	158				
760220		10.0	11.2	7.0	0.040	0.000	120	0.05	0.1	152	1.0	0.0	0.00	25
760122		1.0	15.5	7.6	0.060		20	0.15	0.2	333				
751208		6.5	11.2	7.4	0.060		770	0.10	0.2	200				
751126		5.0	12.2	7.6	0.020	0.010	70	0.00	0.2	300	0.6	0.0	0.00	50
751009		15.5	6.8	7.7	0.010		450	0.00	0.0	400				
750929		15.0	7.9	7.4	0.010		330	0.05	0.0	350				
750827		26.0	6.5	7.6	0.020	0.002	2200	0.05	0.0	383	0.3	0.0	0.00	45
750716		23.0	7.7	7.8	0.020		150	0.00	0.1	400				
750625			7.4	7.5	0.090		110	0.00	0.0	317				
750521		23.5	8.4	6.9	0.000	0.000	150	0.07	6.5	217	0.6	0.0	0.00	25
750407		12.0	10.8	7.0	0.030		0	0.03	0.1	100				
750319		7.0	12.2	5.8	0.080		740	0.06	0.1	77				
750218		6.5	11.6	7.0	0.010	0.000	10	0.08	2.0	200	0.5	0.0	0.00	25
750108		7.0	11.1	7.3	0.020		40	0.00	0.0	167				
741203		4.0	12.4	7.2	0.000	0.000	120	0.00	0.2	183				
741016		13.5	5.0	7.3	0.040	0.005	280	0.03	0.0	317				

AL ,01 BIG GRAND PIERRE CREEK
ROUTE 146 BRIDGE 2 MILES WEST OF ROUTE 34 --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770517	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.02	0.0	0.000	0.0	0.2	60
770426		0.0	0.2	0.000	0.00		0.00	0.00	0.03	0.0	0.000	0.0	0.2	3
770217	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.03	0.0	0.000	0.0	0.2	7
761130	0.000	0.1	0.2	0.000	0.00	0.03	0.00	0.02	0.10	0.0	0.000	0.0	0.4	5
760825	0.005	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.12	0.0	0.000	0.0	0.2	5
760511	0.000	0.0	0.0	0.000	0.00	0.00	0.02	0.01	0.20	0.0	0.000	0.0	0.2	3
760220	0.000	0.0	0.0	0.000	0.00	0.02	0.02	0.00	0.08	0.0	0.000	0.1	0.2	7
751126	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.16	0.0	0.000	0.0	0.5	12
750827	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.02	0.40	0.0	0.000	0.0	0.8	12
750521	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.10	0.0	0.000	0.0	0.3	4
750218	0.001	0.0	0.0	0.000	0.00		0.00	0.00	0.10	0.0	0.000	0.0	0.1	5

AL 01 BIG GRAND PIERRE CREEK
ROUTE 146 BRIDGE 2 MILES WEST OF ROUTE 34 --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770517			0.00	0.005								
770426			0.00								92	70
770217			0.00	0.000								
761130			0.03	0.010								
760825			0.00	0.010								
760511			0.00	0.020			0.10					
760220				0.010			0.10					
751126				0.010			0.10					
750827				0.000			0.10					
750625							0.10					
750521				0.000			0.40					
750218			0.00	0.000			0.20					
741203							0.10					
741016							0.10					

AO 01 BIG CREEK
ROUTE 146 BRIDGE 0.5 MILE WEST OF ELIZABETHTOWN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770616		23.5	9.2	7.7	0.060	0.005	380	0.20	0.0	350	0.6	0.0	0.00	12
770517		18.0	6.1	7.6	0.050		190	0.10	0.0	367				
770426		11.5	9.5	7.6	0.040		110	0.25	0.2	300	1.3			25
770324		8.0	8.3	7.5	0.040	0.005	30	0.05	0.0	267	0.4	0.0	0.00	22
770217		0.0	12.7	7.6	0.030		0	0.10	0.2	350				
761221		0.0	24.4	7.9	0.000	0.000	10	0.00	0.0	400	0.5	0.0	0.00	18
761130		0.0	11.5	7.9	0.000		10	0.00	0.0	417				
761022		8.5	6.2	7.2	0.050		20	0.10	0.0	350				
760924		16.5	6.2	7.4	0.100	0.000	80	0.15	0.1	417	0.5	0.0	0.00	10
760825		23.5	6.5	7.6	0.100		360	0.05	0.0	367				
760720		23.5	6.8	7.7	0.080		330	0.20	0.2	367				
760622		20.0	7.2	7.7	0.050	0.000	460	0.10	0.1	367	1.4	0.1	0.00	20
760511		15.5	8.5	7.7	0.050		450	0.20	0.1	367				
760427		12.0	9.6	7.7	0.150		460	0.30	0.4	267				
760324		11.0	8.4	7.6	0.150	0.010	680	0.00	0.8	300	1.4	0.2	0.00	25
760220		10.0	9.9	7.1	0.060		520	0.10	0.1	163				
760122		1.0	12.4	7.6	0.080		40	0.15	0.3	333				
751208		8.0	10.4	7.5	0.040	0.017	450	0.10	0.4	283	0.7	0.7	0.00	20
751119		10.5	8.3	7.6	0.060		230	0.00	0.3	350				
751009		18.0	9.8	7.6	0.080		120	0.00	1.1	400				
750929		19.5	7.1	7.1	0.250	0.005	1300	0.10	5.1	483	1.9	0.1	0.00	65
750827		26.0	4.4	7.5	0.060		20	0.00	0.1	350				
750716		25.0	6.8	7.8	0.040		90	0.10	0.1	375				

AO 01 BIG CREEK
ROUTE 146 BRIDGE 0.5 MILE WEST OF ELIZABETHTOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
750625		26.0	4.6	7.1	0.130	0.005	90	0.10	3.9	400	0.8	0.0	0.00	15
750521		20.5	16.5	8.4	0.050		90	0.05	0.6	433				
750407		12.0	11.6	7.4	0.070		0	0.04	0.1	133				
750319		7.0	11.0	6.3	0.100		90	0.07	6.7	307	2.0	0.0	0.00	50
750218		6.5	11.0	7.3	0.030		130	0.00	0.2	250				
750108		6.0	10.5	7.4	0.040		120	0.00	0.0	217				
741203		5.5	11.2	7.4	0.250	0.000	110	0.00	0.2	317	0.5	0.0	0.00	25
741016		13.5	4.7	7.4	0.110	0.005	340	0.03	0.0	367				

AO 01 BIG CREEK
ROUTE 146 BRIDGE 0.5 MILE WEST OF ELIZABETHTOWN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770616	0.004	0.0	0.2	0.000	0.00	0.03	0.00	0.00	0.32	0.0	0.000	0.0	0.3	13
770426		0.0	0.2	0.000	0.00		0.01	0.00	0.19	0.0	0.000	0.0	0.2	6
770324	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.12	0.0	0.000	0.0	0.2	6
761221	0.001	0.0	0.1	0.000	0.00	0.05	0.00	0.00	0.10	0.0	0.000	0.0	0.2	15
760924	0.001	0.0	0.1	0.000	0.00	0.02	0.03	0.01	0.15	0.0	0.000	0.0	0.3	19
760622	0.000	0.1	0.1	0.000	0.00	0.00	0.02	0.00	0.20	0.0	0.000	0.0	0.3	8
760324	0.000	0.1	0.1	0.000	0.00	0.04	0.00	0.02	0.20	0.0	0.000	0.1	0.2	8
751208	0.000	0.0	0.0	0.010	0.00	0.00	0.00	0.00	0.45	0.0	0.000	0.0	0.4	6
750929	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.35	0.0	0.000	0.0	0.3	36
750625	0.002	0.1	0.2	0.000	0.00	0.00	0.00	0.02	0.87	0.0	0.000	0.0	0.4	15
750319	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.10	0.0	0.000	0.0	0.4	15
741203	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.02	0.0	0.000	0.0	0.2	5

AO 01 BIG CREEK
ROUTE 146 BRIDGE 0.5 MILE WEST OF ELIZABETHTOWN --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770616			0.03	0.000								
770426			0.00								135	110
770324			0.00	0.010								
761221			0.05	0.000								
760924			0.02	0.020								
760622			0.00	0.010								
760324		100	0.04	0.010			0.10					
751208				0.007			0.00					
750929				0.000			0.50					
750625				0.233			0.30					
750319				0.000			0.50					
741203				0.000			0.10					
741016							0.10					

AT 02 SALINE RIVER
OFF PIER AT SALINE LANDING NEAR MOUTH
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770616		25.5	9.6	7.9	0.070		30	0.15	0.2	500				
770517		21.0	13.8	7.9	0.050		50	0.20	1.9	1033				
770426		13.0	9.3	7.3	0.060	0.000	1900	0.35	1.0	583	3.1	0.0	0.00	170
770324		10.0	10.0	7.5	0.110		50	0.20	0.8	533				
770217		0.0	11.5	6.9	0.150		290	0.50	1.6	550				

AT 02 SALINE RIVER
OFF PIER AT SALINE LANDING NEAR MOUTH --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770126			29.1	7.5	0.210	0.002	50	0.50	1.0	350	0.7	0.0	0.00	135
761221		0.0	25.3	7.8	0.050		10	0.40	0.4	817				
761130		2.0	12.7	7.9	0.050		10	0.15	0.5	500				
761022		12.0	9.1	7.4	0.050	0.007	30	0.00	0.5	567	1.0	0.1	0.00	115
760924		20.5	10.8	8.4	0.100		0	0.20	0.8	467				
760825		27.0	12.0	8.4	0.110		30	0.10	0.5	483				
760720		27.0	8.6	7.8	0.190	0.005	80	0.05	1.4	517	0.9	0.0	0.00	50
760622		24.5	12.1	8.4	0.150		10	0.05	0.7	533				
760511		20.0	16.2	8.5	0.100		0	0.20	0.5	600				
760427		13.0	8.5	7.0	0.150	0.005	1800	0.50	1.2	583	3.7	0.0	0.00	190
760324		11.0	9.7	7.7	0.200		190	0.00	2.2	467				
760220		9.5	5.0	6.8	0.270		260	0.20	0.8	283				
760122		1.0	12.3	7.5	0.290	0.002	840	0.40	1.0	700	1.8	0.0	0.00	95
751208		8.0	9.5	7.1	0.250		41000	0.30	0.9	550				
751119		10.5	7.8	7.3	0.130		160	0.15	1.0	600				
751008		19.5	12.2	7.3	0.080	0.002	110	0.10	4.4	450	0.5	0.0	0.00	85
750925		20.5	7.0	7.3	0.280		610	0.05	1.6	483				
750827		26.0	10.6	8.3	0.090		10	0.00	0.8	450				
750709		31.0	13.5	7.7	0.140	0.005	0	0.00	4.8	600	0.6	0.0	0.00	135
750625		29.5	6.0	6.0	0.060		0	0.50	0.5	833				
750521		26.5	16.1	8.6	0.050		50	0.07	0.9	650				
750407		15.5	9.9	7.4	0.140	0.000	180	0.07	0.7	300	3.8	0.0	0.00	90
750319		9.5	11.3	7.2	0.150		80	0.07	1.0	353				
750218		8.0	10.9	7.5	0.110		240	0.13	1.8	483				
750108		7.0	9.2	7.4	0.280	0.005	2900	0.10	1.0	367	7.6	0.0	0.00	70
741203		5.5	10.6	7.4	0.050	0.000	250	0.16	0.9	850				
741016		15.5	10.7	7.3	0.080	0.005	230	0.04	0.6	700	0.7	0.2	0.00	205

AT 02 SALINE RIVER
OFF PIER AT SALINE LANDING NEAR MOUTH --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770426	0.001	0.0	0.7	0.000	0.00	0.00	0.00	0.00	0.95	0.0	0.000	0.0	0.2	23
770126	0.001	0.0	0.2	0.010	0.00	0.00	0.02	0.01	0.40	0.0	0.000	0.0	0.2	37
761022	0.002	0.0	0.2	0.000	0.00	0.02	0.00	0.01	0.20	0.0	0.000	0.1	0.2	33
760720	0.000	0.0	0.3	0.000	0.00	0.06	0.03	0.00	0.17	0.0	0.000	0.0	0.3	27
760427	0.000	0.0	0.2	0.000	0.00	0.00	0.05	0.06	1.17	0.0	0.000	0.1	0.2	28
760122	0.000	0.1	0.2	0.010	0.00	0.01	0.00	0.00	0.85	0.0	0.000	0.1	0.2	38
751008	0.000	0.0	0.4	0.000	0.00	0.00	0.00	0.00	0.18	0.0	0.000	0.0	0.3	25
750709	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.32	0.0	0.000	0.0	0.3	25
750407	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.20	0.0	0.000	0.0	0.2	13
750108	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.27	0.0	0.000	0.0	0.1	25
741016	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	1.12	0.0	0.000	1.0	0.4	28

AT 02 SALINE RIVER
OFF PIER AT SALINE LANDING NEAR MOUTH --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	HBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770426			0.00	0.000								225
770126				0.010								
761022			0.02	0.005								
760720				0.000								
760427			0.00	0.010			0.20					
760122				0.040			0.10					
751008				0.010			0.20					
750709				0.000			0.40					
750407				0.000			0.20					
750108				0.000			0.20					

AT C2 SALINE RIVER
OFF PIER AT SALINE LANDING NEAR MOUTH --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
741203							0.20					
741016				0.000			0.10					

AT C4 SALINE RIVER
ROUTE 1 BRIDGE 3 MILES SOUTH OF ROUTE 13
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUS (MG/L)	SULFATE (SO4) (MG/L)
770909		25.5	6.6	7.2	0.150		500	2.90	0.6	533				
770708		30.0	7.9	8.0	0.050		10	0.20	0.3					
770616		26.0	12.0	7.8	0.100		20	0.20	0.0					
770517		23.0	9.3	7.7	0.100	0.000	90	0.35	1.9	1633	1.4	0.0	0.00	700
770426		11.5	9.8	7.3	0.060		2500	0.35	1.2	733	3.7		0.00	250
770324		8.0	9.5	7.5	0.090		110	0.45	1.0	717				
770217			12.4	7.1	0.100	0.012	20	0.65	1.5	817	2.2	0.0	0.00	250
770126			13.5	5.7	0.000		0	2.90	0.1					
761221		0.0	26.6	7.3	0.000		130	1.40	0.2					
761104		8.5	8.1	6.6	0.120	0.010	270	0.55	0.9	1275	3.2	0.0	0.00	450
761013		15.5	8.8	7.1	0.050		60	0.25	0.3	2017	0.7			900
761006		18.0	7.0	6.6	0.050		40	0.55	0.7	2167	0.8			900
760915		22.0	7.5	7.0	0.050		450	0.50	0.8	1133	1.1			500
760903		25.0	12.8	8.0	0.100		0	0.05	0.0	1450	2.1			1000
760818		25.5	8.5	6.9	0.030	0.005	30	0.35	0.2	1483	0.5	0.0	0.01	710
760804		26.0	6.7	6.9	0.150	0.009	630	0.10	0.5	1100	1.6	0.0	0.00	400
760715		30.0	8.6	7.0	0.100		10	0.10	0.3	1250	0.7			575
760706		23.5	6.8	7.0	0.150		560	0.15	1.0	850	4.2			175
760616		26.0	9.0	7.4	0.100		120	0.15	0.2	1033	1.5			350
760603		19.0	7.9	7.1	0.250		1600	0.30	5.2	567	4.8	0.0		100
760520		18.5	8.6	7.3	0.100	0.005	690	0.55	6.1	850	2.2	0.0	0.00	225
760506		18.5	9.5	7.1	0.070	0.005	90	0.25	0.8	1267	1.2	0.0	0.00	480
760421		20.0	6.9	7.5	0.150		330	0.30	0.8	1267	2.0	0.0		440
760402		15.5	10.3	6.9	0.100		470	0.25	0.3	650	2.3	0.0		220
760317		10.0	10.5	6.7	0.050		10	1.00	0.3	1167	1.0	0.9		440
760305		14.5	8.8	7.8	0.100		320	0.10	0.7	767	1.8	0.0		200
760220		10.0	8.1	6.9	0.380	0.005	4200	0.30	1.3	300	8.8	0.0	0.00	70
760122		0.5	13.2	7.8	0.080		260	0.80	1.8	1183				
751208		6.5	10.2	6.9	0.350		16000	0.25	0.9	583				
751119		10.5	9.0	7.6	0.080	0.000	310	0.60	0.8	1350	1.1	0.0	0.00	465
751008		19.5	10.2	7.7	0.100		410	0.25	0.1					
750929		18.0		3.8	0.180		120	0.25	8.7	350				
750827		25.5	7.0	7.6	0.160	0.006	140	0.10	0.1		4.1	0.0	0.00	850
750625		29.0	6.4	6.0	0.120		0	0.60	2.5	900				
750609		30.0	8.6	7.2	0.060		1800	0.30	0.5	1243				
750521		24.0	7.7	7.2	0.050	0.004	90	0.14	3.5	817	1.1	0.0	0.00	390
750407		13.0	10.0	6.9	0.120		30	1.60	0.2	283				
750319		9.0	10.9	6.7	0.120		60	0.04	1.1	357				
750218		6.0	11.5	7.2	0.080	0.000	190	0.24	1.1	1083	1.8	0.0	0.00	300
750108			11.6	7.2	0.680		330	0.13	1.0	600				
741203		3.5	12.3	7.6	0.150	0.005	240	0.00	0.8	617				
741016		13.0	6.3	7.1	0.140	0.010	42000	0.18	0.2	867				

AT C4 SALINE RIVER
ROUTE 1 BRIDGE 3 MILES SOUTH OF ROUTE 13 --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770517	0.000	0.0	0.5	0.000	0.00	0.00	0.00	0.01	2.70	0.0	0.000	0.1	0.4	4
770426		0.0	0.7	0.000	0.00		0.01	0.00	1.24	0.0	0.000	0.0	0.3	28
770217	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	1.18	0.0	0.000	0.1	0.2	50
761104	0.000	0.1	0.3	0.010	0.00	0.02	0.00	0.02	3.40	0.1	0.000	0.4	0.3	70

AT 04 SALINE RIVER
ROUTE 1 BRIDGE 3 MILES SOUTH OF ROUTE 13 --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
760818	0.000	0.0	0.2	0.000	0.00	0.03	0.00	0.01	3.00	0.0	0.000	0.2	0.3	23
760804	0.001	0.0	0.2	0.000	0.00	0.04	0.00	0.01	1.51	0.0	0.020	0.1	0.3	25
760603				0.000					0.90			0.1		
760520	0.000	0.0	0.5	0.000	0.00	0.00	0.05	0.01	0.92	0.0	0.000	0.1	0.3	45
760506	0.000	0.0	0.2	0.000	0.00	0.00	0.04	0.00	2.35	0.0	0.000	0.1	0.4	55
760421				0.010					1.40			0.1		
760402				0.000					1.10			0.1		
760317				0.010					2.62			0.2		
760305				0.000					1.10			0.1		
760220	0.001	0.1	0.4	0.000	0.00	0.02	0.02	0.02	0.50	0.0	0.000	0.2	0.2	38
751119	0.000	0.1	0.2	0.010	0.00	0.00	0.00	0.02	2.61	0.1	0.000	0.0	0.4	47
750827	0.001	0.0	0.2	0.020	0.00	0.00	0.08	0.02	4.25	0.0	0.000	0.1	0.7	35
750521	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	3.70	0.1	0.000	0.0	0.4	5
750218	0.000	0.0	0.0	0.000	0.00		0.00	0.00	2.00	0.0	0.000	0.1	0.2	62

AT 04 SALINE RIVER
ROUTE 1 BRIDGE 3 MILES SOUTH OF ROUTE 13 --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	BOE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770616								1880				
770517			0.00	0.005				1320				
770426			0.00								290	66
770217			0.00									
770126								2000				
761221								1930				
761104		40	0.02	0.000				820			455	0
761013		21						1485			780	90
761006		22						1660			935	44
760915		49						765			450	20
760903		60						1970			1200	90
760818		18	0.03	0.000				1220			720	32
760804		50	0.04	0.010				845			460	55
760715		24						1097			560	70
760706		120						307			216	56
760616		65						1000			430	85
760603		270										55
760520		85	0.00	0.010			0.50					120
760506		42	0.00	0.020			0.20					70
760421		55										110
760402		75										45
760317		16									450	0
760305		70	0.05								290	60
760220				0.010			0.10					
751119				0.010			0.20					
751008								2020				
750827				0.000			0.20	2200				
750521				0.000			0.20					
750218			0.00	0.000			0.20					
741203							0.20					
741016							0.20					

AT 05 SALINE RIVER
COUNTY ROAD BRIDGE NEAR SOUTHEAST EDGE OF EQUALITY
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770608		21.0	9.9	7.3	0.040	0.000	10	1.10	0.4		2.9	0.0	0.00	1600
770519		24.5	10.8	7.6	0.050		0	0.35	0.4					
770419		19.0	9.4	7.5	0.100		80	0.45	0.5		1.5			1030

AT 05 SALINE RIVER
COUNTY ROAD BRIDGE NEAR SOUTHEAST EDGE OF EQUALITY --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770311		9.0	10.2	7.4	0.050	0.008	10	0.30	0.7	1317	1.6	0.0	0.00	275
761104		6.5	10.8	5.7	0.000		0	1.60	0.9	2183	1.0			1000
761013		15.5	9.2	4.9	0.030		0	1.40	0.5	2433	0.2			1260
761006		16.0	8.1	6.2	0.050		100	0.50	0.5	2600	2.8			1100
760915		23.5	7.7	6.8	0.150	0.006	260	0.80	0.7	2000	1.4	0.1	0.00	1100
760903		24.5	12.3	8.1	0.100	0.005	10	0.05	0.0	2333	2.1	0.0	0.00	1100
760818		23.5	7.8	7.1	0.100		130	0.35	0.2	1833	1.6			900
760804		24.5	7.0	7.1	0.150		650	0.25	0.5	1583	1.7			700
760715		28.0	7.5	6.9	0.050		80	0.15	0.3	1483	1.4			750
760706		23.5	7.4	6.9	0.150		340	0.15	0.4	450	3.4			150
760616		24.5	10.3	7.5	0.050	0.015	50	0.05	0.2	1317	1.7	0.0	0.00	650
760603		18.5	8.2	7.0	0.100	0.025	880	0.55	1.9	650	2.2	0.0	0.00	150
760520		18.5	8.9	7.3	0.100		480	0.30	1.6	900	2.8	0.0		350
760506		16.5	8.4	7.2	0.080		30	0.35	0.5	1067	2.0	0.0		540
760421		19.0	7.3	7.3	0.150		410	0.45	0.4	1067	2.8	0.0		400
760402		15.5	10.4	6.9	0.050		250	0.25	0.2	750	1.3	0.0		320
760317		9.0	10.7	6.9	0.100	0.000	30	1.00	0.2	1233	1.3	0.5	0.00	520
760305		9.0	8.9	7.2	0.100	0.000	290	0.20	0.4	983	1.6	0.0	0.00	300
760217		13.5	8.8	7.3	0.350		3300	0.40	0.3	367				
760121		0.5	14.1	7.2	0.120		10	0.65	0.5	1017				
751203		5.5	11.0	7.2	0.120	0.005	1100	0.30	0.9	900	1.9	0.0	0.00	160
751118		10.5	9.6	7.3	0.050		50	0.60	0.5	1383				
751006		15.5	8.6	7.1	0.060		100	0.55	0.2					
750922		15.5	8.4	4.5	0.040	0.010	0	0.80	0.7	1450	3.9	0.0	0.00	625
750821		26.0	8.6	7.2	0.080		200	0.75	0.4	1200				
750709		28.5	6.2	6.9	0.100		30	0.30	0.5					
750610		21.0	7.7	7.1	0.060	0.005	0	0.78	4.5		1.6	0.0	0.00	1240
750514		20.5	7.6	7.0	0.050		760	0.34	0.3	717				
750408		10.5	9.8	6.6	0.070		40	0.06	0.3	433				
750312		3.5	12.7	6.7	0.480	0.005	2900	0.40	5.8	267	16.0	0.0	0.00	65
750204		6.0	11.4	7.0	0.060		430	0.16	0.7	550				
750106		4.0	12.3	7.3	0.040	0.005	220	0.18	0.5	567				
741204		3.0	12.1	6.8	0.030	0.000	10	0.26	3.3	800	2.0	0.0	0.00	195
741030		18.5	9.5	7.3	0.050	0.005	40	0.55	0.3					
741016		11.5	6.5	6.9	0.110	0.015	3500	0.27	0.4	1117				

AT 05 SALINE RIVER
COUNTY ROAD BRIDGE NEAR SOUTHEAST EDGE OF EQUALITY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770608	0.001	0.0	0.4	0.020	0.00	0.08	0.09	0.01	7.90	0.2	0.000	0.1	0.7	37
770419		0.1	0.3	0.010	0.00	0.00	0.01	0.00	3.00	0.0	0.000	0.0	0.4	41
770311	0.000	0.1	0.2	0.000	0.00	0.06	0.00	0.00	1.70	0.0	0.010	0.1	0.2	18
760915	0.001	0.0	0.4	0.010	0.00	0.04	0.00	0.01	5.50	0.0	0.010	0.7	0.6	55
760903	0.000	0.0	0.3	0.000	0.00	0.02	0.00	0.00	2.65	0.0	0.000	0.0	1.1	58
760616	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.00	2.70	0.1	0.000	0.3	0.5	48
760603	0.000	0.0	0.2	0.000	0.00	0.00	0.03	0.00	1.50	0.0	0.000	0.1	0.2	23
760520				0.000					1.75			0.0		
760506				0.000					2.55			0.2		
760421				0.010					2.30			0.2		
760402				0.000					1.60			0.1		
760317	0.000	0.1	0.1	0.010	0.00	0.02	0.05	0.00	2.90	0.1	0.000	0.1	0.3	33
760305	0.000	0.0	0.1	0.000	0.00		0.02	0.01	2.15	0.0	0.000	0.1	0.4	20
751203	0.000	0.0	0.1	0.020	0.00	0.00	0.00	0.01	1.93	0.0	0.000	0.0	0.3	19
750922	0.001	0.0	0.2	0.030	0.00	0.00	0.00	0.00	6.30	0.1	0.000	0.5	0.9	20
750610	0.000	0.0	0.3	0.010	0.00	0.00	0.00	0.01	7.25	0.1	0.000	0.1	0.4	38
750312	0.000	0.2	0.4	0.000	0.00	0.00	0.00	0.04	0.80	0.0	0.000	0.0	0.1	16
741204	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	2.04	0.1	0.000	0.1	0.2	24

AT 05 SALINE RIVER
COUNTY ROAD BRIDGE NEAR SOUTHEAST EDGE OF EQUALITY --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	NOR (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770608			0.08					2020				
770519								1920				
770419			0.00					1610			980	115
770311			0.06	0.000								
761104		7						1830			1100	0
761013		4						1990			1120	0
761006		55						1090			1080	10
760915		75	0.04	0.000				1620			980	2
760903		55	0.02	0.000				1980			1200	90
760818		70						1660			980	70
760804		70						1250			780	60
760715		33						1250			710	45
760706		95						327			220	28
760616		55	0.00	0.025				1290			620	65
760603		85	0.00	0.020			0.40					50
760520		90										65
760506		50										55
760421		95										55
760402		36										40
760317		22	0.02	0.000			0.20				530	45
760305		46	0.02	0.000			0.20				425	60
751203				0.010			0.20					
751006								2180				
750922				0.000			0.30					
750709								1400				
750610			0.00	0.000			0.30	2070				
750312				0.000			0.40					
741204				0.000			0.30					
741030							0.30	1860				
741016							0.20					

ATR 01 EAGLE CREEK
ROUTE 1 BRIDGE AT GIBSONIA
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770616		22.0	6.9	7.5	0.050	0.005	450	0.45	3.9	900	0.2	0.0	0.00	400
770517		17.0	8.1	7.5	0.050		280	0.45	2.0	817				
770426		10.5	10.1	7.5	0.060		560	0.25	0.7	500	1.7			170
770324		7.0	8.4	7.2	0.050	0.005	100	0.15	0.3	567	0.9	0.0	0.00	212
770217			12.4	7.0	0.000		30	0.40	1.0	1183				
770126			17.7	7.1	0.060		0	0.60	0.9					
761221			20.3	7.2	0.050	0.004	20	0.00	0.2		0.3	0.0	0.00	1400
761130		0.5	11.6	7.5	0.050		20	0.10	0.2					
761022		6.0	6.0	7.3	0.050		0	0.00	0.0	1383				
760924		16.5	4.8	7.5	0.050	0.005	0	0.15	0.3	1383	0.2	0.1	0.00	1000
760825		22.0	8.1	7.4	0.800		20	0.05	0.6	1033				
760720		23.0	7.5	7.5	0.050		70	0.15	0.9	1067				
760622		20.0	7.7	7.5	0.050	0.010	260	0.20	1.0	883	0.4	0.0	0.00	375
760511		14.5	8.7	7.3	0.050		100	0.30	0.2	683				
760427		12.0	10.0	7.1	0.050		320	0.25	0.5	417				
760324		11.5	10.3	7.4	0.100	0.015	270	0.00	0.2	417	0.7	0.6	0.00	150
760220		9.5	9.8	6.8	0.080		620	0.15	0.4	400				
760122		0.0	14.1	7.5	0.240		180	0.25	0.6	617				
751208		6.5	10.7	7.1	0.110	0.011	13000	0.15	0.5	517	0.8	0.5	0.00	180
751119		9.0	9.4	7.4	0.040		100	0.05	0.4	967				
751008		16.8	8.6	7.3	0.100		1100	0.05	0.2	300				
750929		16.0	8.6	5.6	0.080	0.003	180	0.15	5.8	233	1.3	0.1	0.00	60
750827		26.0	7.1	7.2	0.010		10	0.00	0.0					
750709		26.5	8.2	7.6	0.030		110	0.00	0.0	1133				
750625		28.0	7.7	6.7	0.210	0.005	200	0.05	9.8	467	1.6	0.0	0.00	60
750521		23.5	7.7	7.7	0.050		110	0.10	0.2	833				
750407		11.5	10.1	7.1	0.130		50	0.06	0.3	158				
750319		7.0	11.0	6.8	0.040	0.000	60	0.02	2.1	340	1.0	0.0	0.00	120
750218		7.0	11.0	7.3	0.040		180	0.05	0.5	483				

ATE 01 EAGLE CREEK
ROUTE 1 BRIDGE AT GIBSONIA --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
750108		6.5	11.9	7.4	0.050		220	0.00	0.3	467				
741203		3.0	12.0	7.1	0.100	0.005	1000	0.18	1.1	800	2.1	0.0	0.00	180
741016		11.5	6.5	7.1	0.120	0.000	16400	0.26	0.0	1400				

ATE 01 EAGLE CREEK
ROUTE 1 BRIDGE AT GIBSONIA --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770616	0.001	0.0	0.2	0.000	0.00	0.04	0.04	0.00	1.55	0.0	0.000	0.0	0.3	6
770426		0.0	0.5	0.000	0.00	0.00	0.01	0.00	1.58	0.0	0.000	0.1	0.2	6
770324	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	2.33	0.0	0.000	0.0	0.2	5
761221	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	3.80	0.1	0.000	0.1	0.5	7
760924	0.000	0.0	0.0	0.000	0.00	0.02	0.00	0.02	0.15	0.0	0.000	0.0	0.4	5
760622	0.000	0.1	0.2	0.000	0.00	0.00	0.02	0.01	0.90	0.0	0.000	0.0	0.3	5
760324	0.000	0.0	0.0	0.002	0.00	0.01	0.00	0.01	1.40	0.0	0.000	0.3	0.2	3
751208	0.001	0.0	0.3	0.010	0.00	0.00	0.00	0.00	1.90	0.0	0.000	0.0	0.4	8
750929	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.40	0.0	0.000	0.0	0.2	1
750625	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.02	0.10	0.0	0.000	0.0	0.3	20
750319	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	1.00	0.0	0.000	0.1	0.4	4
741203	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	1.18	0.0	0.000	0.0	0.2	80

ATE 01 EAGLE CREEK
ROUTE 1 BRIDGE AT GIBSONIA --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770616			0.04	0.000								
770426			0.00								230	44
770324			0.00	0.010								
770126								2950				
761221			0.00					2100				
761130								2210				
760924			0.02	0.010								
760622			0.00	0.010								
760324			0.01	0.010			0.10					
751208				0.008			0.10					
750929			0.00	0.010			0.40					
750827								1600				
750625				0.000			0.60					
750319				0.000			0.20					
741203				0.000			0.20					
741016							0.10					

ATF 03 NORTH FORK SALINE RIVER
ROUTE 13 BRIDGE NORTHEAST OF EQUALITY
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770915		20.5	7.0	7.7	0.270		4900	0.15	0.5	333				
770811		26.0	5.2	6.8	0.400	0.005	1800	0.30	0.5	267	7.0	0.0	0.00	32
770721		26.5	14.8	8.4	0.050		100	0.15	0.0	667				
770608		21.0	8.0	8.2	0.450		0	0.20	0.1	683				
770519		24.0	8.3	8.0	0.150	0.005	60	0.10	1.5	1033	3.1	0.2	0.00	108
770419		17.0	7.8	7.9	0.150		100	0.10	0.8	1250	3.8			210

ATF 03 NORTH FORK SALINE RIVER
ROUTE 13 BRIDGE NORTHEAST OF EQUALITY --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770311		8.5	9.9	7.6	0.170		190	0.15	3.0	517				
761208		0.0	15.3	8.3	0.100		0	0.00	0.0	1500				
761116		4.5	14.4	8.1	0.230	0.005	30	0.00	0.5	750	1.2	0.1	0.00	95
761026		10.5	7.1	7.1	0.600		11000	0.15	1.0	467				
760928		18.5	11.7	8.1	0.200		70	0.40	0.4	817				
760826		29.0	9.1	8.3	0.150	0.015	80	0.05	0.0	800	2.9	0.0	0.00	150
760727		28.0	5.9	8.2	0.300		110	0.05	0.1	900				
760618		24.5	6.5	7.3	0.250		1700	0.15	1.8	667				
760512		21.0	9.2	8.2	0.150	0.005	70	0.00	0.0	1150	2.2	0.0	0.00	225
760428		13.5	9.5	7.7	0.550		830	0.25	1.6	733				
760305		14.5	9.1	7.8	0.150		1500	0.05	1.4	733				
760217		13.5	9.6	8.1	0.150	0.005	710	0.20	1.0	1033	0.8	0.0	0.00	44
760121		0.5	11.5	7.9	0.130		520	0.20	2.0	817				
751203		6.0	11.2	7.4	0.450		8000	0.35	1.9	600				
751118		10.5	11.4	7.5	0.170	0.004	430	0.05	1.3	867	1.0	0.1	0.00	72
751006		16.0	8.0	7.9	0.130		280	0.00	0.0	1250				
750922		16.0	8.6	7.5	0.140		440	0.20	0.5	700				
750821		25.5	7.7	7.7	0.380	0.005	350	0.25	1.1	483	3.4	0.5	0.00	30
750709		29.5	8.7	8.1	0.250		30	0.00	0.0	1017				
750610		22.0	10.7	8.4	0.220		180	0.13	2.5	750				
750514		21.5	7.0	6.9	0.250	0.005	2100	0.40	6.7	583	3.2	0.0	0.00	105
750408		9.5	8.5	7.2	0.220		10	0.16	0.8	200				
750312		4.0	12.5	7.2	0.750		2400	0.60	1.2	200				
750204		6.0	12.9	7.1	0.190	0.005	600	0.18	4.7	450	3.7	0.0	0.00	75
750106		4.0	12.0	7.8	0.170	0.005	1200	0.12	2.1	550				
741204		3.0	12.6	7.5	0.130	0.005	1500	0.10	1.7	850				
741030		19.5	11.0	8.0	0.150	0.000	140	0.00	0.0	1000	1.7	0.0	0.00	85
741016		11.5	9.1	7.7	0.240	0.005	18000	0.22	0.1	1017				

ATF 03 NORTH FORK SALINE RIVER
ROUTE 13 BRIDGE NORTHEAST OF EQUALITY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770811	0.001	0.1	0.2	0.000	0.00	0.00	0.00	0.01	0.37	0.0	0.000	0.0	0.2	22
770519	0.000	0.2	0.5	0.000	0.00	0.00	0.00	0.00	0.27	0.1	0.000	0.0	0.3	150
770419		0.1	0.3	0.000	0.00		0.01	0.01	0.73	0.0	0.000	0.0	0.2	190
761116	0.002	0.0	0.3	0.000	0.00	0.04	0.00	0.01	0.10	0.0	0.000	0.0	0.2	80
760826	0.000	0.0	0.1	0.000	0.00	0.02	0.00	0.00	0.20	0.0	0.000	0.0	0.5	83
760512	0.000	0.0	0.0	0.000	0.00	0.00	0.03	0.01	0.30	0.0	0.000	0.0	0.4	140
760217	0.000	0.0	0.4	0.020	0.00	0.02	0.05	0.02	0.25	0.0	0.000	0.1	0.3	250
751118	0.000	0.0	0.3	0.010	0.00	0.00	0.00	0.03	0.25	0.0	0.000	0.0	0.3	100
750821	0.001	0.0	0.1	0.300	0.00	0.00	0.12	0.04	0.35	0.0	0.000	0.0	0.3	40
750514	0.002	0.1	0.2	0.000	0.00	0.00	0.00	0.01	0.70	0.0	0.000	0.0	0.3	60
750204	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.44	0.0	0.000	0.0	0.2	37
741030	0.000	0.0	0.0	0.005	0.00	0.00	0.00	0.01	0.34	0.0	0.000	0.0	0.3	15

ATF 03 NORTH FORK SALINE RIVER
ROUTE 13 BRIDGE NORTHEAST OF EQUALITY --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770811			0.00	0.000								
770519			0.00	0.005								
770419			0.02								380	170
761116			0.04	0.000								
760826			0.02	0.000								
760512			0.00	0.030			0.30					
760217				0.000			0.20					
751118				0.000			0.20					
750821				0.000			0.40					
750514				0.074			0.50					

ATF 03 NORTH FORK SALINE RIVER
ROUTE 13 BRIDGE NORTHEAST OF EQUALITY —CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
750204				0.000			0.20					
741204							0.30					
741030				0.000			0.40					
741016							0.30					

ATF 04 NORTH FORK SALINE RIVER
US 45 BRIDGE 1 MILE NORTHEAST OF TEXAS CITY
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770915		19.0	9.5	7.6	0.200	0.010	8800	0.10	0.4	383	2.5	0.1	0.00	58
770825		21.0	6.7	7.7	0.250		5200	0.30	0.2	833				
770729		29.0	9.5	8.1	0.050		100	0.25	0.0					
770603		24.0	8.0	8.2	0.080	0.011	20	0.20	0.0		1.2	0.0	0.00	315
770505		19.0	9.0	7.9	0.070		90	0.05	0.0	1233				
770408		7.0	11.0	7.4	0.100	0.005	10	0.10	1.5	750	2.6	0.0	0.00	200
770405		6.0	10.3	7.6	0.190		600	0.05	0.5	733				
770308		7.0	11.0	7.4	0.100	0.005	10	0.10	1.5	750	2.6	0.0	0.00	200
770222		4.5	14.0	7.6	0.150		0	1.30	0.5	1233	3.7	0.0	0.00	600
761208		0.0	16.5	8.1	0.100	0.005	0	0.15	0.1		0.4	0.0	0.00	300
761116		3.0	13.1	7.8	0.100		20	0.10	0.1	1133				
761026		8.5	9.3	7.2	0.430		3900	0.20	1.2	600				
760928		17.0	10.1	8.0	0.200	0.015	360	0.05	0.0	550	1.0	0.0	0.00	80
760826		25.5	7.0	8.0	0.100		80	0.10	0.0	1400				
760727		26.5	6.0	8.0	0.600		140	0.00	0.1	1750				
760618			7.9	7.5	0.200	0.010	2300	0.10	1.6	667	2.6	0.0	0.00	125
760512		16.0	8.7	7.9	0.100		70	0.00	0.0	1383				
760428		13.0	10.6	7.8	0.100		1200	0.25	1.1	883				
760305		14.0	9.1	7.7	0.300	0.000	1600	0.15	0.4	983	4.5	0.0	0.00	190
760213		4.0	11.2	7.9	0.100		20	0.15	0.3	1167				
760114		0.5	13.8	7.4	0.800		3600	0.70	1.2	483				
751208		3.0	11.4	7.3	0.450	0.011	8600	0.40	1.1	517	1.6		0.00	130
751118		10.0	14.1	8.2	0.070		450	0.00	0.2	1017				
751008		18.5	8.3	8.2	0.110		280	0.00	0.0					
750930		16.0	8.8	8.2	0.080	0.005	410	0.00	0.0	2000	1.8	0.3	0.00	168
750821		25.5	7.9	7.7	0.120		600	0.10	0.0	567				
750708		30.5	14.6	8.8	0.170		500	0.10	0.5					
750610		24.0	10.4	7.8	0.011	0.007	310	0.04	1.8	1433	1.4	0.0	0.00	230
750506		23.5	10.2	8.0	0.120		380	0.05	0.6	567				
750402		11.0	9.4	7.1	0.270		530	0.17	0.6	283				
750312		3.0	13.4	6.9	0.680	0.005	1800	0.50	0.9	142	27.0	0.1	0.00	30
750204		5.5	11.6	7.4	0.120		240	0.07	1.1	600				
750106		3.5	12.2	7.7	0.080	0.005	200	0.04	0.9	667				
741205		4.5	14.7	7.6	0.090	0.000	60	0.04	1.4	1017	0.5	0.0	0.00	180
741030		19.0	9.0	7.6	0.110	0.005	650	0.06	0.0	1217				
741003		14.5	11.0	7.6	0.210	0.005	2500	0.07	0.4	733				

ATF 04 NORTH FORK SALINE RIVER
US 45 BRIDGE 1 MILE NORTHEAST OF TEXAS CITY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770915	0.000	0.1	0.1	0.000	0.00	0.00	0.00	0.00	0.30	0.0	0.000	0.0	0.1	38
770603	0.000	0.1	0.2	0.000	0.00	0.00	0.00	0.01	0.20	0.0	0.000	0.0	0.3	280
770408	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.15	0.0	0.000	0.0	0.2	90
770308	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.15	0.0	0.000	0.0	0.2	90
770222	0.000	0.0	0.2	0.000	0.00	0.00	0.01	0.00	0.30	0.0	0.000	0.0	0.2	65
761208	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.02	0.16	0.0	0.000	0.0	0.2	300
760928	0.000	0.0	0.1	0.000	0.00	0.06	0.03	0.01	0.15	0.0	0.000	0.0	0.3	25

ATF 04 NORTH FORK SALINE RIVER
US 45 BRIDGE 1 MILE NORTHEAST OF TEXAS CITY --CONTINUED

DATE	ARSENIC (UG/L)	BARIUM (UG/L)	BORON (UG/L)	CADMIUM (UG/L)	HEX CHROM-IUM (UG/L)	TRI CHROM-IUM (UG/L)	COPPER (UG/L)	LEAD (UG/L)	MANG-ANESE (UG/L)	NICKEL (UG/L)	SILVER (UG/L)	ZINC (UG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
760618	0.000	0.0	0.2	0.000	0.00	0.00	0.06	0.01	0.20	0.0	0.000	0.0	0.3	75
760305	0.000	0.0	0.1	0.000			0.05	0.01	0.55	0.0	0.000	0.0	0.3	100
751202	0.000	0.0	0.5	0.010	0.00	0.00	0.00	0.01	0.47	0.0	0.000	0.0	0.3	75
750930	0.000	0.0	0.0	0.020	0.00	0.00	0.00	0.01	0.30	0.0	0.000	0.0	0.3	500
750610	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.01	0.78	0.0	0.000	0.0	0.2	260
750312	0.000	0.2	0.4	0.000	0.00	0.00	0.04	0.03	1.10	0.0	0.000	0.0	0.1	19
741205	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.20	0.0	0.000	0.0	0.2	125

ATF 04 NORTH FORK SALINE RIVER
US 45 BRIDGE 1 MILE NORTHEAST OF TEXAS CITY --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770915			0.00	0.000								
770729								910				
770603			0.00	0.000				980				
770408			0.00	0.000								
770308			0.00	0.000								
770222			0.00								310	100
761208			0.00	0.010				1040				
760928			0.06	0.020								
760618			0.00	0.025								
760305			0.00	0.000			0.20					
751202				0.010			0.20					
751008								1180				
750930				0.010			0.70					
750708								1100				
750610			0.00	0.000			0.30					
750312				0.000			0.10					
741205				0.002			0.40					
741030							0.50					
741003							0.40					

ATFE01 HECTOR CREEK
COUNTY ROAD BRIDGE 4 MILES NORTH OF ELDORADO
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770603		23.0	6.8	8.0	0.060		180	0.30	0.0	1167				
770505		19.0	9.1	7.9	0.050	0.006	190	0.05	0.1	1000	0.5	0.0	0.00	250
770405		7.0	10.3	7.6	0.660		0	0.05	0.7	667				
770308		5.5	11.5	7.6	0.050		50	0.05	1.7	700				
770222		4.0	13.2	7.7	0.100	0.005	30	0.30	1.1	933	0.8	0.0	0.01	250
761208		0.0	13.2	8.1	0.100		50	0.05	0.1					
761104		5.5	11.5	7.9	0.100	0.010	120	0.10	1.4	742	1.1	0.0	0.00	90
761013		19.0	9.8	7.9	0.050		20	0.00	0.0	900	0.3			145
761006		18.0	9.6	7.8	0.100		170	0.00	0.1	850	2.0			125
760915		24.5	8.8	8.0	0.100		1600	0.20	0.1	650	1.1			300
760903		26.0		7.8	0.700		50	0.20	0.8	2667	0.7			45
760818		28.0	9.2	7.9	0.030	0.004	90	0.10	0.0	1067	0.4	0.0	0.00	245
760804		24.5	9.2	7.7	0.090		660	0.00	0.2	583	0.7	0.0	0.00	95
760715		29.0	10.3	7.9	0.000		480	0.00	0.1	1017	0.4			225
760706		24.5	9.1	7.5	0.100		480	0.10	1.3	600	1.5			150
760616		22.0	6.7	7.0	1.400		86000	0.15	0.9	383	25.0			75
760603		17.0	9.0	7.3	0.100		120	0.30	7.3	717	1.3	0.1		150
760520		23.5	12.8	8.0	0.100	0.005	120	0.10	3.2	817	0.8	0.0	0.00	190
760506		18.0	11.6	8.2	0.000	0.000	130	0.10	0.2	983	0.2	0.1	0.00	260
760421		18.5	9.0	7.8	0.150		3900	0.40	0.6	750	1.8	0.7		232
760402		15.0	12.4	7.6	0.050		90	0.10	0.3	750	0.6	0.0		220
760317		7.0	15.4	8.0	0.050		60	0.40	0.2	967	0.3	0.0		240

ATFE01 HECTOR CREEK
COUNTY ROAD BRIDGE 4 MILES NORTH OF ELDORADO --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
760305		13.5	9.1	7.7	0.400		17000	0.15	0.6	950	5.9	0.0		200
760213		9.5	11.0	7.9	0.070	0.005	90	0.15	0.4	1033	0.5	0.0	0.00	320
760114		0.5	14.2	7.3	0.600		3400	0.55	1.0	350				
751202		5.5	12.2	7.4	0.250		3000	0.30	0.7	567				
751118		9.5	12.0	7.9	0.060	0.009	180	0.00	1.6		0.3	0.0	0.00	175
751008		16.5	7.7	7.9	0.060		350	0.00	0.1	900				
750930		14.5	8.7	8.0	0.030		80	0.00	0.0	767				
750821		25.5	6.4	7.0	0.080	0.005	450	0.10	0.2	367	1.7	0.6	0.00	60
750708		29.5	14.0	8.6	0.090		320	0.00	0.4	1283				
750610		23.0	11.9	8.3	0.050		250	0.05	0.4	933				
750506		20.5	9.6	7.6	0.090	0.005	400	0.08	4.6	683	1.3	0.1	0.00	145
750402		13.0	9.1	7.2	0.080		60	0.00	0.8	583				
750312		3.5	12.3	6.8	0.460		980	0.30	0.8	125				
750209		5.5	11.8	7.4	0.100	0.005	180	0.06	1.1	567	2.0	0.0	0.00	150
750106		4.0	12.2	7.7	0.050	0.005	100	0.05	1.0	750				
741205		2.0	13.0	7.4	0.060	0.000	100	0.05	0.8	850				
741030		18.0	8.7	7.9	0.090	0.005	450	0.05	0.0	1217	0.2	0.0	0.00	260
741003		10.5	10.3	7.3	0.120	0.005	300	0.04	0.6	550				

ATFE01 HECTOR CREEK
COUNTY ROAD BRIDGE 4 MILES NORTH OF ELDORADO --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770505	0.000	0.0	0.5	0.000	0.00	0.00	0.00	0.00	0.07	0.0	0.000	0.0	0.2	70
770222	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.10	0.0	0.000	0.0	0.1	90
761104	0.000	0.1	0.2	0.000	0.00	0.02	0.03	0.02	0.22	0.0	0.000	0.2	0.2	55
760818	0.000	0.0	0.1	0.000	0.00	0.00	0.02	0.01	0.10	0.0	0.000	0.1	0.2	75
760804	0.000	0.0	0.1	0.000	0.00	0.03	0.00	0.01	0.14	0.0	0.020	0.1	0.2	30
760603		0.0		0.000					0.17			0.1		
760520	0.001	0.0	0.4	0.000	0.00	0.00	0.05	0.01	0.10	0.0	0.000	0.0	0.3	55
760506	0.000	0.0	0.0	0.000	0.00		0.00	0.01	0.10	0.0	0.000	0.0	0.2	75
760421				0.000					0.22			0.1		
760402				0.000					0.20			0.1		
760317				0.010					0.17			0.2		
760305				0.000					0.87			0.1		
760213	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.25	0.0	0.000	0.1	0.2	290
751118	0.000	0.1	0.1	0.010	0.00	0.00	0.00	0.00	0.25	0.0	0.000	0.0	0.3	400
750821	0.001	0.0	0.1	0.000	0.00	0.00	0.00	0.02	0.10	0.0	0.000	0.0	0.2	27
750506	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.05	0.0	0.000	0.0	0.2	45
750208	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.14	0.0	0.000	0.0	0.2	38
741030	0.000	0.0	0.1	0.010	0.00	0.00	0.00	0.00	0.05	0.0	0.000	0.0	0.2	113

ATFE01 HECTOR CREEK
COUNTY ROAD BRIDGE 4 MILES NORTH OF ELDORADO --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770505			0.00	0.010								
770222			0.00								320	125
761208								1550				
761104		19	0.02	0.010				390			250	120
761013		14						475			285	160
761006		55						480			250	154
760915		48						335			176	95
760903		29						2000			1100	130
760818		14	0.00	0.000				710			360	160
760804		20	0.03					340			205	280
760715		19						653			365	210
760706		50						396			285	146
760616		1700						520			145	0
760603		50										110

ATFE01 BECTOR CREEK
COUNTY ROAD BRIDGE 4 MILES NORTH OF ELDORADO --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
760520		21	0.00	0.010			0.40					160
760506		9	0.00	0.010		0.1	0.20					160
760421		47										120
760402		21										95
760317		6									275	130
760305		720									300	88
760213				0.000			0.20					
751118				0.010			0.40	1120				
750821				0.000			0.20					
750506				0.000			0.40					
750204				0.000			0.10					
741205							0.30					
741030							0.30					
741003							0.30					

ATFF01 CONTRARY CREEK
ROUTE 142 BRIDGE NORTH OF BROUGHTON
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100 ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770608		17.0	9.7	7.8	0.120	0.017	420	0.85	0.6		0.2	0.0	0.00	570
770519		24.0		7.8	0.000		0	0.15	0.0					
770419		19.0	8.6	7.8	0.050		180	0.00	0.1		0.4			205
770311		10.0	10.7	7.7	0.020	0.005	40	0.10	0.2		0.8	0.4	0.00	270
761104		6.0	11.0	7.4	0.060		10	1.50	1.4	1400				
761006		16.5	10.0	7.7	0.050		260	0.00	0.1					
760903		26.0	9.8	7.8	0.050	0.020	80	0.10	0.1		0.3	0.0	0.00	450
760804		24.5	8.3	7.3	0.070		400	0.10	0.5	1083				
760706		25.0	9.5	7.4	0.050		600	0.10	0.2	1200				
760603		16.5	9.2	7.1	0.100	0.005	1400	0.20	1.7	717	1.9	0.0	0.00	100
760506		17.0	9.2	7.8	0.000		210	0.05	0.2	1733				
760402		15.5	10.2	7.4	0.050		140	0.10	0.2	933				
760317		6.5	13.8	7.8	0.060	0.003	580	0.00	0.2	1483	0.2	0.0	0.00	300
760213		9.0	11.1	7.6	0.060		10	0.00	1.1					
760114		0.0	14.4	7.3	0.600		2700	0.60	0.9	550				
751203		5.5	11.4	7.0	1.000	0.010	1100	0.20	0.5	1000	2.2	0.1	0.00	190
751120		10.0	9.7	7.5	0.050		240	0.15	0.1					
751008		17.0	7.5	7.7	0.080		380	0.00	0.0					
750930		14.0	9.5	7.8	0.030	0.004	50	0.00	0.1	1500	0.4	0.1	0.00	220
750821		25.0	6.2	7.1	0.040		440	0.10	0.0	733				
750730		32.0	11.6	8.0	0.080		1300	0.05	0.0					
750610		22.0	10.0	8.1	0.020	0.011	290	0.02	0.1		0.1	0.0	0.00	340
750505		22.0	8.9	7.2	0.070		180	0.06	0.2	1200				
750401		14.0	10.2	7.2	0.090		30	0.06	0.2	833				
750311		4.0	12.6	7.3	0.100	0.005	200	0.10	0.5	717	2.9	0.0	0.00	115
750203		5.5	12.3	6.8	0.100		180	0.08	0.6	667				
750102		3.0	13.9	7.1	0.060	0.000	150	0.05	0.5	900				
741217		3.5	13.1	7.0	0.030	0.005	40	0.05	0.1	450	0.2	0.0		250
741119		13.0	9.5	7.6	0.060	0.000	770	0.08	0.5	1383				
741002		10.5	11.0	7.1	0.280	0.005	1000	0.02	0.1	1333				

ATFF01 CONTRARY CREEK
ROUTE 142 BRIDGE NORTH OF BROUGHTON --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770608	0.000	0.0	0.2	0.000	0.00	0.00	0.03	0.00	0.36	0.1	0.000	0.0	0.[illegible]	570
770419		0.1	0.1	0.000	0.00	0.00	0.00	0.01	0.27	0.0	0.000	0.0	0.2	76
770311	0.000	0.2	0.1	0.000	0.00	0.00	0.00	0.00	0.10	0.0	0.000	0.1	0.1	320
760903	0.000	0.1	0.1	0.000	0.00	0.02	0.12	0.00	0.94	0.0	0.000	0.0	0.2	550
760603	0.000	0.0	0.3	0.000	0.00	0.00	0.02	0.02	0.20	0.0	0.000	0.1	0.1	100

ATFF01 CONTRARY CREEK
ROUTE 142 BRIDGE NORTH OF BROUGHTON --CONTINUED

DATE	ARSENIC (UG/L)	BARIUM (UG/L)	BORON (UG/L)	CADMIUM (UG/L)	HEX CHROM-IUM (UG/L)	TRI CHROM-IUM (UG/L)	COPPER (UG/L)	LEAD (UG/L)	MANG-ANESE (UG/L)	NICKEL (UG/L)	SILVER (UG/L)	ZINC (UG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
760317	0.000	0.0	0.2	0.010	0.00	0.04	0.05	0.01	0.20	0.0	0.000	0.0	0.1	400
751203	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.42	0.0	0.000	0.0	0.2	200
750930	0.000	0.1	0.0	0.020	0.00	0.00	0.00	0.01	0.90	0.0	0.000	0.0	0.2	320
750610	0.000	0.0	0.1	0.010	0.00	0.00	0.00	0.00	0.18	0.0	0.000	0.0	0.2	480
750311	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.25	0.0	0.000	0.0	0.1	115
741217		0.0	0.4	0.000	0.00	0.00	0.00	0.00	0.21	0.0	0.000	0.0	0.1	200

ATFF01 CONTRARY CREEK
ROUTE 142 BRIDGE NORTH OF BROUGHTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770608			0.00	0.000				1670				
770519								1820				
770419			0.00					1240			480	110
770311			0.00	0.000				980				
761006								1190				
760903			0.02	0.005				1810				
760603			0.00	0.010			0.50					
760506								1058				
760317			0.04	0.000			0.40					
760213								1290				
751203				0.010			0.30					
751120								1220				
751008								1140				
750930				0.000			0.40					
750730								1300				
750610			0.00	0.000			0.50	1540				
750311				0.000			0.20					
750102							0.30					
741217				0.000			0.20					
741119							0.50					
741002							0.60					

ATFJ01 CANE CREEK
COUNTY ROAD BRIDGE 1.5 MILE SOUTHWEST OF OMAHA
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770603		19.5	9.2	8.2	0.080		160	0.30	6.4	1000				
770505		16.0	8.6	7.8	0.130		1700	0.15	5.3	850				
770405		6.0	10.1	7.7	0.160	0.005	1700	0.10	4.5	733	1.7	0.0	0.00	70
770308		5.5	11.6	7.7	0.150		100	0.10	6.0	800				
770222		2.0	12.4	7.5	0.200		60	1.00	1.5	983	0.8	0.0	0.00	140
761208		0.0	11.1	7.9	0.100		40	0.05	0.0	1000				
761116		1.5	8.5	7.4	0.170		20	0.05	0.1	667				
761026		10.0	7.0	7.0	0.600	0.030	6000	0.20	0.9	300	5.0	0.1	0.00	50
760928		16.0	8.6	7.7	0.250		310	0.15	0.2	517				
760826		23.5	7.0	7.9	0.050		1500	0.05	0.0	650				
760727		25.0	7.2	8.1	0.450	0.010	160	0.00	0.1	883	0.2	0.0	0.00	38
760618		22.0	6.9	7.6	0.250		1700	0.10	2.1	733				
760512		15.5	8.0	7.9	0.100		220	0.20	0.9	1117				
760428		11.5	9.8	7.6	0.150	0.010	940	0.25	1.5	783	2.0	0.1	0.00	120
760305		13.5	8.2	7.6	0.100		23000	0.20	0.7	1283				
760217		11.0	10.1	8.1	0.110		430	0.20	1.6	1150				
760120		0.5	15.0	8.0	0.090	0.000	800	0.40	3.3	1000	0.7	0.2	0.00	90
751203		5.5	10.6	7.5	0.400		4000	0.25	2.2	717				
751118		11.0	11.8	8.2	0.140		250	0.00	1.1	1033				
751008		16.0	6.7	6.9	0.160	0.010	1500	0.05	3.2	250	1.2	0.0	0.00	40

ATFJC1 CANE CREEK
COUNTY ROAD BRIDGE 1.5 MILE SOUTHWEST OF OMAHA --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
750930		15.0	7.6	7.6	0.130		740	0.00	0.0	483				
750821		25.0	6.1	7.4	0.250		570	0.35	0.7	367				
750708		26.5	8.6	6.9	0.170	0.006	430	0.20	17.0	1067	0.6	0.0	0.00	40
750610		19.5	7.7	8.0	0.150		3000	0.16	5.0	1000				
750506		18.0	8.2	7.8	0.110		800	0.09	5.4	800				
750402		13.0	10.2	6.9	0.100	0.006	60	0.00	18.0	717	1.3	0.0	0.01	60
750312		4.0	12.4	6.8	0.880		5300	0.70	1.0	125				
750204		6.5	12.0	7.6	0.120		350	0.07	4.5	750				
750106		5.5	11.8	7.2	0.080	0.005	450	0.10	11.0	867	1.0	0.0	0.00	75
741205		3.5	12.6	8.0	0.120	0.000	230	0.07	2.5	917				
741030		18.0	5.6	7.4	0.120	0.010	1300	0.00	0.0	1092				
741003		11.5	10.0	7.2	0.150	0.005	550	0.04	9.8	733	5.3	0.2	0.00	40

ATFJC1 CANE CREEK
COUNTY ROAD BRIDGE 1.5 MILE SOUTHWEST OF OMAHA --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770405	0.000	0.0	0.8	0.000	0.00	0.04	0.05	0.04	0.20	0.0	0.000	0.0	0.2	85
770222	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.28	0.0	0.000	0.0	0.1	160
761026	0.003	0.1	0.0	0.000	0.00	0.02	0.00	0.00	0.28	0.0	0.000	0.0	0.3	30
760727	0.002	0.0	0.1	0.000	0.00	0.10	0.04	0.00	0.10	0.0	0.000	0.0	0.3	120
760428	0.000	0.0	0.3	0.000	0.00	0.00	0.05	0.03	0.32	0.0	0.000	0.0	0.2	90
760120	0.000	0.1	0.3	0.010	0.00	0.00	0.00	0.01	0.30	0.0	0.000	0.1	0.2	150
751008	0.020	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.21	0.0	0.000	0.0	0.3	13
750708	0.001	0.1	0.2	0.000	0.00	0.00	0.00	0.01	0.15	0.0	0.000	0.0	0.4	150
750402	0.000	0.0	0.1	0.010	0.00	0.00	0.00	0.01	0.10	0.0	0.000	0.0	0.6	68
750106	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.15	0.0	0.000	0.0	0.2	100
741003	0.020	0.3	0.1	0.000	0.00	0.00	0.00	0.01	1.06	0.0	0.000	0.1	0.2	105

ATFJC1 CANE CREEK
COUNTY ROAD BRIDGE 1.5 MILE SOUTHWEST OF OMAHA --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770405			0.04	0.000								
770222			0.00								265	100
761026			0.02	0.005								
760727			0.10	0.000								
760428			0.00	0.010			0.20					
760120				0.010			0.50					
751008				0.000			0.20					
750708				0.000			0.80					
750402				0.000			1.00					
750106				0.000								
741205							0.50					
741030							0.40					
741003				0.000			1.10					

ATG 03 MIDDLE FORK SALINE RIVER
COUNTY ROAD BRIDGE 3 MILES SOUTHEAST OF HARRISBURG
LAB: HARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (UG/L)	SULFATE (SO4) (MG/L)
770921		19.5	9.1	7.2	0.160		7100	0.20	0.3	1067				
770811		26.5	8.0	6.7	0.200		630	0.45	0.4	733				
770721		29.0	16.1	8.0	0.400	0.000	0	1.60	0.2		0.2	0.0	0.00	1500
770608		22.0	20.7	8.4	0.700		160	1.00	0.6					
770519		25.0	10.7	7.9	0.350		30	0.45	0.2					
770419		16.0	7.9	7.7	0.250	0.005	500	0.75	0.6		2.5	0.0	0.00	1170
770311		9.5	10.1	7.7	0.170		40	0.65	0.7	750				
770222		4.5	12.2	6.7	0.400		20	1.30	0.5	1467	3.1	0.0	0.00	600
761109		5.5	10.7	7.5	0.560		170	3.20	2.9	2433	1.3			1100
761013		14.5	11.2	7.6	1.420	0.010	290	1.50	0.9	1233	0.0	0.0	0.01	400
761006		15.0	11.1	7.6	0.100	0.015	120000	2.10	0.8	2233	0.2	0.0	0.00	800
760915		26.5	12.1	7.8	0.750		320	0.95	0.9	2333	0.2			1200
760903		26.5		7.8	0.050		80	0.15	0.0	2833	0.3			350
760818		26.5	13.0	8.0	0.280		190	0.10	0.0	2000	0.6			1050
760804		24.5	7.7	7.4	0.180		740	0.10	0.4	1917	0.6			830
760715		28.5	9.7	7.6	0.000	0.010	300	0.25	0.5	2267	0.6	0.0	0.00	1200
760706		23.5	7.8	7.2	0.200	0.000	450	0.20	0.7	933	3.6	0.0	0.00	350
760616		20.0	10.8	7.8	0.950		21000	1.20	0.5	1617	1.2			575
760603		18.0	8.0	7.4	0.400		1900	0.60	3.8	1233	2.0	0.0		400
760520		21.5	8.7	7.6	0.300		510	0.50	2.4	1400	1.1	0.0		450
760506		16.5	10.7	8.0	0.370		40	0.45	0.5		0.6	0.1		775
760421		18.5	6.0	7.3	6.000	0.005	210000	7.00	2.9	1383	4.4	0.0	0.00	500
760402		15.5	10.3	7.5	0.150	0.000	220	0.25	0.3	1483	1.2	0.0	0.00	600
760317		6.5	13.0	7.5	0.250		0	0.60	0.5		0.7	0.4		900
760304		16.5	9.5	7.6	0.250		100	0.50	0.0		1.0	0.0		750
760213		10.0	10.1	7.8	0.070		90	0.90	0.2					
760114		1.5	13.4	7.4	0.500	0.000	3700	0.65	1.1	617	9.7	1.1	0.00	200
751203		8.0	11.0	7.4	0.200		5000	0.35	0.9	1283				
751118		15.0	9.9	7.9	0.410		200	0.75	0.7					
751007		20.0	13.2	7.6	0.450	0.005	1400	0.05	3.0		3.0	0.1	0.00	1000
750926		17.0		8.2	0.460		170	0.15	0.4					
750804		25.0	9.3	8.0	0.940		7600	1.70	0.9	817				
750701		35.0		7.8	0.420	0.005	100	0.00	7.9		0.4	0.0	0.00	2050
750609		23.5	13.4	8.1	0.350		70	0.27	0.5					
750514		21.0	7.4	7.2	0.400		5100	0.28	0.6	1367				
750205		7.0	11.1	7.0	0.100		360	0.15	0.3	800				
750107		4.5	11.5	7.4	0.140		300	0.42	0.5	850				
741204		2.0	12.8	7.4	0.230	0.005	670	0.35	0.8	800				
741030		18.0	10.0	7.3	1.100	0.010	56000	0.90	0.3					
741003		11.0	10.4	6.7	0.340	0.005	220	0.30	1.7		5.0	0.0	0.00	1100

ATG 03 MIDDLE FORK SALINE RIVER
COUNTY ROAD BRIDGE 3 MILES SOUTHEAST OF HARRISBURG --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770721	0.001	0.0	0.3	0.000	0.00	0.00	0.04	0.00	0.62	0.0	0.000	0.0	0.4	35
770819	0.001	0.1	0.4	0.000	0.00	0.00	0.02	0.00	2.05	0.1	0.000	0.0	0.3	56
770222	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	1.43	0.0	0.000	0.2	0.2	70
761013	0.002	0.0	0.5	0.000	0.00	0.04	0.00	0.01	0.62	0.0	0.000	0.1	0.6	46
761006	0.001	0.1	0.3	0.010	0.00	0.05	0.00	0.00	0.75	0.1	0.000	0.2	0.7	50
760715	0.000	0.0	0.4	0.040	0.00	0.02	0.05	0.01	0.55	0.0	0.000	0.0	0.4	45
760706	0.000	0.0	0.1	0.000	0.00	0.00	0.05	0.03	0.60	0.0	0.000	0.1	0.1	20
760603				0.000					0.60			0.1		
760520				0.000					0.35			0.1		
760506				0.000					0.37			0.0		
760421	0.005	0.0	0.4	0.010	0.00	0.00	0.05	0.02	0.80	0.0	0.000	0.1	0.4	105
760402	0.000	0.0	0.2	0.000	0.00	0.00	0.05	0.01	0.52	0.0	0.000	0.2	0.3	45
760317				0.010					0.85			0.1		
760304				0.000					1.05			0.1		
760114	0.000	0.2	0.2	0.010	0.00	0.02	0.00	0.03	0.75	0.0	0.000	0.2	0.2	27
751007	0.000	0.2	0.4	0.010	0.00	0.00	0.00	0.00	0.85	0.0	0.000	0.0	0.6	22
750701	0.000	0.0	0.3	0.010	0.00	0.00	0.00	0.01	0.58	0.1	0.000	0.0	0.5	40
741003	0.000	0.0	0.3	0.005	0.00	0.00	0.00	0.00	1.89	0.0	0.000	0.2	0.3	26

ATG 03 MIDDLE FORK SALINE RIVER
COUNTY ROAD BRIDGE 3 MILES SOUTHEAST OF HARRISBURG --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	COD (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770721			0.00					2340				
770608								2640				
770519								2035				
770419								2170			1300	160
770222			0.00								625	92
761104		12						2000			1200	50
761013		3	0.04	0.010				770			425	125
761006		4	0.05					1620			950	140
760915		6						1910			1200	125
760903		18						870			465	150
760818		24						1810			1240	120
760804		16						1600			960	110
760715		20	0.02					2091			1200	170
760706		130	0.00	0.005				697			507	84
760616		70						1460			720	150
760603		95										120
760520		40										170
760506		16						1400				150
760421		260	0.00	0.000			0.60					100
760402		44	0.00	0.010			0.20					100
760317		15						1380			710	120
760304		34						1300			737	120
760213								1490				
760114				0.030			0.20					
751118								1530				
751007				0.000			0.30	1780				
750926								2980				
750701				0.000			0.70	3320				
750609								2370				
741204							0.20					
741030							0.40	2070				
741003				0.000			0.30	2020				

ATG 04 MIDDLE FORK SALINE RIVER
ROUTE 34 BRIDGE 3.0 MILES NORTH OF HARRISBURG
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770603		20.5	6.6	8.0	0.060		230	0.30	0.0					
770505		18.5	9.8	7.9	0.050	0.008	1900	0.10	0.0	1133	0.3	0.0		300
770405		5.5	10.6	7.5	0.540		800	0.10	0.1	667				
770308		4.0	11.7	7.4	0.100		650	0.15	0.6	783				
770222		7.0	13.7	7.4	0.100	0.005	10	0.35	0.8	1067	1.8	0.0	0.00	350
761208		0.0	17.2	8.6	0.050		0	0.10	0.2					
761116		1.0	12.9	8.0	0.050	0.005	10	0.10	0.2	2167	0.4	0.0	0.00	400
761026		6.5	10.0	7.4	0.600		940	0.35	0.2	1233				
760928		15.5	10.6	8.1	0.050		140	0.40	0.0	267				
760826		24.5	7.0	7.9	0.000	0.020	10	0.10	0.0		0.2	0.0	0.00	300
760727		26.0	6.3	7.9	2.500		1000	0.25	0.1	1033				
760618		23.0	9.7	7.8	0.050		800	0.00	2.6	900				
760512		13.5	9.7	8.1	0.050	0.005	50	0.00	0.0	1317	0.2	0.0	0.00	250
760428		11.0	11.4	7.9	0.050		1900	0.10	0.3	733				
760304		16.5	11.0	8.1	0.050		660	0.05	0.0	1000				
760213		10.0	11.3	7.9	0.100	0.005	2300	0.25	0.0	1150	0.5	0.0	0.00	260
760114		1.0	14.1	7.2	0.170		1800	0.70	0.9	417				
751204		6.5	12.1	7.6	0.150		1100	0.10	0.6	733				
751118		10.5	11.3	7.9	0.130	0.005	50	0.10	0.2	1133	2.0	0.0	0.00	290
751008		18.0	9.9	8.0	0.300		2900	0.10	0.0	1050				
750926		15.5	11.2	8.2	0.030		60	0.05	0.1	983				
750804		26.0	7.3	7.0	0.210	0.007	1200	0.20	4.8	450	4.2	0.0	0.00	95
750708		28.5	13.2	8.6	0.070		580	0.00	0.2	1450				
750609		23.5	8.9	8.3	0.030		110	0.00	0.2	1333				
750511		14.0	6.1	8.2	0.040	0.000	90	0.40	0.0	1300				
750506		19.5	9.2	7.4	0.080	0.006	960	0.08	7.1	783	0.9	0.0	0.00	155

ATG C4 MIDDLE FORK SALINE RIVER
ROUTE 34 BRIDGE 3.0 MILES NORTH OF HARRISBURG --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
750402		13.0	11.6	7.3	0.100		140	0.00	0.3	550				
750312		3.0	13.1	7.0	0.500		1900	0.40	0.7	150				
750204		5.0	13.2	7.5	0.150	0.000	680	0.10	0.6	600	2.7	0.0	0.00	145
750106		3.5	12.2	7.6	0.060	0.010	3100	0.07	0.4	700				
741205		2.0	13.0	7.1	0.070	0.005	760	0.11	0.6	817				
741030		18.0	8.8	7.2	0.070	0.005	320	0.08	0.0	1217	1.5	0.0	0.00	240
741003		13.5	9.3	7.1	0.180	0.010	2000	0.07	0.1	567				

ATG C4 MIDDLE FORK SALINE RIVER
ROUTE 34 BRIDGE 3.0 MILES NORTH OF HARRISBURG --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770505		0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.00	0.0	0.000	0.0	0.2	120
770222	0.000	0.0	0.2	0.000	0.00	0.00	0.02	0.00	0.24	0.0	0.000	0.0	0.1	100
761116	0.000	0.0	0.1	0.000	0.00	0.04	0.00	0.02	0.17	0.0	0.000	0.0	0.4	260
760826	0.000	0.0	0.1	0.000	0.00	0.02	0.00	0.00	0.07	0.0	0.000	0.0	0.2	230
760512	0.000	0.0	0.0	0.000	0.00	0.00	0.02	0.01	0.05	0.0	0.000	0.0	0.2	140
760213	0.000	0.0	0.1	0.020	0.00	0.00	0.00	0.00	0.10	0.0	0.000	0.1	0.2	310
751118	0.000	0.1	0.1	0.010	0.00	0.00	0.10	0.01	0.20	0.0	0.000	0.0	0.3	110
750804	0.002	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.85	0.0	0.000	0.0	0.3	18
750506	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.05	0.0	0.000	0.0	0.2	67
750204	0.001	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.04	0.0	0.000	0.0	0.2	48
741030	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.60	0.0	0.000	0.0	0.1	165

ATG C4 MIDDLE FORK SALINE RIVER
ROUTE 34 BRIDGE 3.0 MILES NORTH OF HARRISBURG --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770603								1720				
770505			0.00	0.010								
770222			0.00	0.005							370	100
761208								1700				
761116			0.04					1300				
760826			0.02	0.020				1050				
760512			0.00	0.030			0.30					
760213				0.000			0.20					
751118				0.010			0.20					
750804				0.000			0.30					
750511							0.70					
750506				0.000			0.50					
750204				0.000			0.10					
741205							0.30					
741030				0.000			0.40					
741003							0.30					

ATGC01 BANKSTON CREEK
ROUTE 34 BRIDGE 2.5 MILES NORTH HARRISBURG
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770603		20.0	8.9	7.9	0.020	0.000	130	0.65	0.1		0.4	0.0	0.00	1800
770505		18.5	8.7	7.4	0.020		140	0.20	0.3					
770405		7.0	9.4	7.0	0.240		100	0.15	0.1	1417				

ATGC01 BANKSTON CREEK
ROUTE 34 BRIDGE 2.5 MILES NORTH HARRISBURG --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-NIUM (MG/L)	SULFATE (SO4) (MG/L)
770308		5.0	10.6	7.1	0.050	0.005	50	0.25	0.3		3.8	0.0	0.00	1130
770222		1.0	10.8	6.6	0.000		0	0.35	0.2	1667	10.0	0.0	0.00	900
761208			8.1	6.6	0.000	0.000	0	0.70	0.9		1.1	0.0	0.00	2300
761104		5.5	9.0	7.1	0.000		0	0.80	1.3	3450	6.8			1900
761013		15.0	7.4	7.5	0.020		100	0.00	0.2	4117	0.8			2300
761006		15.5	8.0	7.5	0.050		340	0.00	0.2	3567	0.5			1500
760915		18.0	9.2	7.7	0.050	0.008	130	0.15	0.3	3167	0.4	0.1	0.00	1800
760903		22.0	9.0	8.6	0.000	0.005	310	0.10	0.2	2167	0.7	0.0	0.00	1500
760818		23.5	8.0	7.3	0.000		380	0.10	0.0	2167	1.8			125
760804		23.5	8.4	7.5	0.020		210	0.00	0.2	2567	0.8			1300
760715		26.0	7.4	7.5	0.300		280	0.05	0.6	2700	0.6			1700
760706		23.0	8.0	7.1	0.050		290	0.10	0.2	1400	2.9			700
760616		23.0	9.0	7.3	0.050		860	0.10	0.2	2500	2.9	0.0	0.00	1000
760603		18.0	8.7	7.1	0.000	0.020	80	0.15	0.6		3.5	0.0	0.00	1000
760520		19.0	9.5	7.7	0.000		190	0.15	1.0		1.0	0.0		1200
760506		17.0	8.6	7.8	0.000		200	0.10	0.6		1.1	0.0		1350
760421		18.0	8.3	7.4	0.100		1300	0.25	0.6		1.8	0.2		1380
760402		12.0	10.8	7.3	0.000		1100	0.15	0.3	1950	1.3	0.0		1150
760317		5.5	12.5	7.6	0.000	0.000	80	0.50	0.9		1.2	0.0	0.00	1500
760304		15.5	9.6	7.7	0.050	0.010	140	0.30	0.0		1.3	0.0	0.00	600
760213		10.0	10.5	7.5	1.320		10	0.40	0.2					
760114		1.0	13.7	7.1	0.210		920	0.35	0.6	1100				
751204		6.5	11.3	7.1	0.020	0.007	130	0.25	0.3		3.8	0.0	0.00	200
751118		9.5	10.2	7.9	0.020		40	0.40	1.4					
751008		17.0	7.7	8.0	0.030		1700	0.00	0.1					
750926		14.5	10.4	7.7	0.050	0.005	140	0.15	5.0		0.5	0.2	0.00	1650
750804		24.0	7.3	6.9	0.000		90	0.15	0.3					
750708		25.5	7.3	8.0	0.010		260	0.10	0.1					
750609		20.5	8.4	7.4	0.020	0.005	220	0.00	4.3		0.4	0.0	0.00	1920
750506		20.0	8.7	7.6	0.040		260	0.07	0.3					
750402		10.5	9.6	7.2	0.040		50	0.07	0.2	1695				
750312		3.5	13.3	7.1	0.410	0.005	1200	0.20	0.4	267	23.6	0.0	0.00	80
750204		5.5	11.0	7.3	0.060		70	0.14	0.0	1433				
750106		3.5	11.6	7.3	0.020	0.005	50	0.07	0.2	1300				
741205		1.5	11.9	6.5	0.050	0.000	20	0.21	5.5		6.8	0.0	0.00	800
741030		17.0		3.5	0.000	0.010	0	0.43	2.2					
741003		11.0	8.7	6.9	0.040	0.005	30	0.17	0.6					

ATGC01 BANKSTON CREEK
ROUTE 34 BRIDGE 2.5 MILES NORTH HARRISBURG --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770603	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.34	0.1	0.000	0.0	0.3	14
770308	0.003	0.1	0.2	0.000	0.00	0.00	0.00	0.00	3.00	0.0	0.000	0.1	0.2	42
770222	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	2.60	0.0	0.000	0.7	0.1	23
761208	0.000	0.1	0.6	0.010	0.00	0.02	0.00	0.01	4.00	0.2	0.000	2.4	0.2	33
760915	0.000	0.0	0.2	0.010	0.00	0.04	0.00	0.00	0.80	0.0	0.010	0.1	0.3	18
760903	0.000	0.0	0.2	0.000	0.00	0.02	0.00	0.00	0.35	0.0	0.000	0.0	0.3	15
760616	0.003	0.0	0.2	0.020	0.00	0.00	0.06	0.00	1.40	0.1	0.000	0.2	0.4	30
760603	0.000	0.0	0.3	0.000	0.00	0.00	0.03	0.00	1.80	0.2	0.000	0.4	0.2	30
760520				0.000					1.10			0.1		
760506				0.000					0.87			0.1		
760421				0.010					1.65			0.2		
760402				0.000					1.20			0.2		
760317	0.000	0.0	0.3	0.010	0.00	0.04	0.05	0.00	1.70	0.1	0.000	0.2	0.3	25
760304	0.000	0.0	0.2	0.010	0.00	0.00	0.01	0.00	1.47	0.1	0.000	0.2	0.4	35
751204	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.00	1.90	0.0	0.000	0.2	0.5	22
750926	0.000	0.0	0.4	0.010	0.00	0.00	0.00	0.00	1.35	0.1	0.000	0.0	0.5	27
750609	0.000	0.0	0.3	0.010	0.00	0.00	0.00	0.00	1.55	0.1	0.000	0.0	0.4	20
750312	0.003	0.1	0.3	0.000	0.00	0.00	0.04	0.05	1.00	0.0	0.000	0.1	0.1	8
741205	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	1.90	0.0	0.000	0.0	0.2	23

ATGC01 BANNISTER CREEK
ROUTE 34 BRIDGE 2.5 MILES NORTH HARRISBURG --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ABAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770603			0.00					2600				
770505								750				
770308			0.00	0.000								
770222			0.00								880	48
761208			0.02					3780				
761104		18						3080			1850	60
761013		5						3830			2580	270
761006		2						3170			1960	184
760915		5	0.04	0.000				2820			1800	160
760903		4	0.02	0.000				2470			580	160
760818		25						1930			1100	90
760804		16						2370			1500	110
760715		10						2781			1600	150
760706		70						1179			833	52
760616		50	0.00					2590			1440	95
760603		29	0.00	0.020			0.20	1900				65
760520		10						2160				130
760506		16						2150				150
760421		28						1800				90
760402		22						1620				110
760317		9	0.04	0.030			0.20	2000			1150	120
760304		18	0.00	0.000			0.20	2100			1200	100
760213								2190				
751204				0.010			0.10	1850				
751118								2490				
751008								3700				
750926				0.010			0.40	3610				
750804								3700				
750708								3710				
750609			0.00	0.000			0.30	3220				
750506								2260				
750402								1480				
750312				0.000			0.10					
741205				0.000			0.50	1420				
741030							0.30	3050				
741003							0.20	2710				

ATGX01 BLACK RUN DITCH
COUNTY ROAD BRIDGE 1 MILE SOUTHEAST OF BUDDY
LAB: HARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770603		28.5	16.0	8.8	1.120		30	0.30	0.1	833				
770505		20.5	11.5	7.9	1.240		1100	1.90	1.9	1067				
770405		6.5	9.1	7.5	0.540	0.005	2300	1.05	2.3	633	2.4	0.0	0.00	85
770308		12.0	9.1	7.5	0.600		280	1.70	3.3	817				
770222		6.0	6.8	7.3	3.000		1100	8.50	0.3	1667	2.4	0.0	0.00	180
761208			8.3	7.8	8.000		29000	23.00	2.9					
761116		1.0	9.8	7.7	6.200		470	16.00	2.0	1383				
761026		8.0	7.2	7.4	4.000	0.020	3000	5.60	4.3	1150	1.3	0.0	0.00	150
760928		15.5	6.7	7.8	7.000		9500	14.50	8.6	883				
760826		24.5	3.1	7.9	1.380		450	0.40	0.0	1167				
760727		26.5	1.7	7.8	2.000	0.010	290	0.90	0.2	1033	0.6	0.0	0.00	200
760618		23.5	5.1	7.6	2.000		6300	1.50	1.0	1400				
760512		14.0	8.9	7.8	3.000		790	0.40	1.5	1400				
760428		11.0	10.0	7.7	1.300	0.010	710	1.80	2.2	1250	1.4	0.1	0.00	140
760304		15.5	13.0	7.9	1.000		300	1.50	2.0	1350				
760213		10.5	7.8	7.7	0.270		410	3.30	0.9	1250				
760114		2.0	11.9	7.4	0.650	0.003	12000	1.15	2.0	717	3.0	0.0	0.00	110
751203		8.5	10.3	7.5	0.770		1700	0.90	2.2	767				
751118		13.5	11.2	7.7	1.500		980	1.70	1.9	900				
751008		19.0	6.1	6.4	2.000	0.016	30000	1.10	7.2	417	5.9	0.0	0.00	95
750926		15.5	9.4	7.9	3.200		1100	2.00	3.5	817				
750804		25.0	5.2	7.3	1.720		12000	2.20	1.2	483				

ATGI01 BLACK RUN DITCH
COUNTY ROAD BRIDGE 1 MILE SOUTHEAST OF MUDDY --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
750701		29.5	8.7	8.0	1.800	0.005	600	0.15	1.3	783	0.7	0.0	0.00	105
750609		21.5	11.8	8.0	2.600		660	2.50	2.7	967				
750514		20.5	10.0	7.7	0.700		570	0.70	2.4	717				
750415		14.0	9.4	7.1	0.020	0.010	390	0.16	0.2	2283	1.5	0.0	0.00	850
750312		4.0	12.8	6.9	0.650		3100	0.40	1.2	150				
750204		8.0	11.4	7.2	0.630		1100	0.95	2.8	700				
750107		6.0	10.0	7.2	0.720	0.005	1900	1.10	5.8	883	1.5	0.0	0.00	150
741205		7.0	10.3	7.8	1.200	0.000	2300	1.50	2.0	833				
741030		17.0	5.9	7.1		0.010	4600		11.0					
741003		11.0	8.5	7.0	1.580	0.005	840	1.40	18.4	833	0.7	0.0	0.00	140

ATGI01 BLACK RUN DITCH
COUNTY ROAD BRIDGE 1 MILE SOUTHEAST OF MUDDY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770405	0.002	0.0	0.5	0.000	0.00	0.05	0.05	0.01	0.22	0.0	0.000	0.0	0.3	46
770222	0.003	0.0	0.4	0.000	0.00	0.00	0.02	0.00	0.78	0.0	0.000	0.0	0.3	370
761026	0.008	0.1	1.0	0.000	0.00	0.03	0.00	0.01	0.50		0.000	0.1	0.3	140
760727	0.014	0.0	0.3	0.000	0.00	0.10	0.02	0.01	0.85	0.0	0.000	0.0	0.5	95
760428	0.001	0.0	0.5	0.000	0.00	0.00	0.05	0.01	0.35	0.0	0.000	0.0	0.4	150
760114	0.000	0.2	0.4	0.010	0.00	0.02	0.00	0.02	0.22	0.0	0.000	0.1	0.2	75
751008	0.006	0.0	0.6	0.000	0.00	0.00	0.00	0.02	0.48	0.0	0.000	0.0	0.3	25
750701	0.013	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.13	0.0	0.000	0.0	0.5	40
750415	0.002	0.0	0.2	0.010	0.00	0.00	0.00	0.01	0.30	0.0	0.000	0.0	0.4	18
750107	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.25	0.0	0.000	0.0	0.2	55
741003	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.30	0.0	0.000	0.0	0.3	85

ATGI01 BLACK RUN DITCH
COUNTY ROAD BRIDGE 1 MILE SOUTHEAST OF MUDDY --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770405			0.00	0.000								
770222			0.00								380	180
761208								910				
761026			0.03	0.005								
760727			0.10	0.000								
760428			0.00	0.010			0.30					
760114				0.010			0.30					
751008				0.010			0.40					
750701				0.000			0.60					
750415				0.000			0.20					
750107				0.000			0.60					
741205							0.60					
741030							1.20	860				
741003				0.000			1.20					

ATH 01 SOUTH FORK SALINE RIVER
ROUTE 34 BRIDGE AT MITCHELLSVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770921		19.0	10.4	4.3	0.050		30	0.25	0.4	667				
770811		25.5	8.6	3.5	0.000	0.000	10	1.10	0.3	1333	7.0	0.0	0.00	600
770721		28.5	9.9	3.6	0.000		0	0.85	0.9					

ATH 01 SOUTH FORK SALINE RIVER
ROUTE 34 BRIDGE AT MITCHELLSVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770608		19.5	8.9	4.0	0.000		0	3.10	0.9					
770519		20.5	8.1	4.0	0.000	0.000	0	2.00	0.2		10.5	0.0	0.00	970
770419		17.0	7.9	4.1	0.000		0	0.95	0.4	1250	6.0			580
770311		9.5	10.1	5.1	0.010			0.75	0.1	833				
770222		0.5	12.3	4.4	0.000	0.005	0	0.60	0.2	967	12.5	0.0	0.00	490
761104		5.0	9.0	3.7	0.000	0.005	0	1.70	1.2	2033	16.5	0.0	0.00	900
761013		15.0	7.8	3.8	0.090		10	6.30	0.4	3833	11.0			2300
761006		15.5	6.7	3.5	0.200		0	2.40	0.8	2867	33.8			1500
760915		19.0	6.7	3.3	0.050		0	0.70	0.3	1833	31.8			1200
760903		21.5	4.6	3.5	0.000		0	1.70	1.2	2000	42.0			1000
760818		21.0	6.0	3.5	0.000	0.005	0	1.30	0.3	1833	25.2	0.0	0.00	880
760804		21.5	7.7	3.9	0.000	0.007	0	0.40	0.3	1100	8.0	0.0	0.00	450
760715		26.0	7.1	4.0	0.000			0.55	0.3	1117	5.9			525
760706		23.0	8.4	6.5	0.150		140	0.15	0.2	317	3.4			110
760616		23.5	9.0	4.0	0.000		10	0.50	0.2	1133	6.9			525
760603		18.5	9.1	6.5	0.050		160	0.35	0.5	467	2.8	0.0		180
760520		16.5	9.5	6.5	0.000	0.005	0	0.30	0.2	767	3.7	0.8	0.00	300
760506		16.5	8.5	4.8	0.000	0.005	0	0.80	0.3	967	7.6	0.0	0.00	450
760421		18.5	8.2	4.3	0.000		50	0.30	0.2	867	5.0	0.1		420
760402		12.0	10.7	6.3	0.050		40	0.25	0.1	500	3.5	0.0		200
760317		6.5	10.9	5.3	0.050		0	1.00	0.0	1033	9.8	0.6		552
760304		16.0	8.8	5.7	0.000		10	0.40	0.0	733	5.0	0.0		180
760213		10.0	8.4	5.0	0.300	0.000	10	0.70	0.0	1200	28.5	0.0	0.00	640
760121		0.5	12.8	5.6	0.150		0	0.80	0.3	933				
751204		6.5	10.9	5.2	0.080		10	0.65	0.3	767				
751119		10.0	9.2	4.4	0.160	0.000	0	2.20	0.1	1350	10.0	0.0	0.00	650
751007		15.5	8.0	4.0	0.000		0	2.60	0.2					
750926		14.5	8.1	4.1	0.030			1.00	0.2	1433				
750804		21.5	7.2	3.9	0.090	0.010	1300	0.30	4.6	417	5.8	0.0	0.00	110
750701		26.5	6.5	3.7	0.070		0	2.80	0.2					
750609		21.0	6.7	3.7	0.010		0	1.30	0.3					
750514		17.0	8.7	4.0	0.050	0.005	0	0.27	5.0	467	5.0	0.0	0.00	220
750408		11.5	10.4	4.7	0.000		0	0.57	0.2	967				
750324		13.0	8.5	5.2	0.050		80	0.20	0.1	553				
750205		6.5	11.3	7.1	0.050	0.005	0	0.30	0.3	517	4.0	0.0	0.00	190
750107		4.5	11.6	6.6	0.070		10	0.43	0.1	600				
741204		2.0	11.8	6.1	0.060	0.005	0	0.24	0.2					
741030		16.5	6.5	3.3	0.020	0.010	0	1.00	0.3		22.5	0.0	0.00	1200
741003		10.5	8.7	4.0	0.030	0.005	0	0.92	0.2					

ATH 01 SOUTH FORK SALINE RIVER
ROUTE 34 BRIDGE AT MITCHELLSVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770811	0.000	0.0	0.2	0.000	0.00	0.00	0.05	0.00	7.35	0.0	0.000	0.4	0.8	8
770519	0.000	0.2	0.3	0.003	0.00	0.00	0.00	0.00	10.20	0.3	0.000	0.4	1.1	9
770419		0.1	0.2	0.000	0.00		0.01	0.00	9.10	0.2	0.000	0.4	0.7	8
770222	0.000	0.0	0.2	0.000	0.00	0.00	0.01	0.00	6.00	0.1	0.000	0.3	0.4	12
761104	0.000	0.0	0.5	0.020	0.00	0.04	0.05	0.01	13.00	0.0	0.000	2.4	1.7	10
760818	0.001	0.0	0.4	0.020	0.00	0.03	0.04	0.01	12.50	0.3	0.000	1.2	0.6	10
760804	0.000	0.0	0.2	0.000	0.00	0.04	0.00	0.01	6.00	0.1	0.020	0.9	0.1	5
760603				0.000					1.60			0.1		
760520	0.000	0.0	0.2	0.000	0.00	0.00	0.05	0.00	3.00	0.0	0.000	0.2	0.2	8
760506	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	4.90	0.0	0.000	0.4	0.4	8
760421				0.010					5.80			0.5		
760402				0.000					2.25			0.2		
760317				0.010					4.90			0.4		
760304				0.000					3.44			0.3		
760213	0.000	0.1	0.0	0.020	0.00	0.00	0.02	0.03	6.65	0.2	0.000	0.7	0.9	19
751119	0.000	0.2	0.1	0.020	0.00	0.00	0.07	0.01	10.80	0.2	0.000	0.4	0.8	9
750804	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	2.50	0.0	0.000	0.1	0.3	2
750514	0.000	0.1	0.1	0.000	0.00	0.00	0.00	0.00	2.62	0.0	0.000	0.1	0.5	4
750205	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.30	0.0	0.000	0.1	0.2	8
741030	0.000	0.0	0.2	0.040	0.00	0.00	0.05	0.00	20.00	0.6	0.000	1.2	2.4	10

ATH 01 SOUTH FORK SALINE RIVER
ROUTE 34 BRIDGE AT MITCHELLSVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	NON (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770811			0.00	0.000								
770721								1860				
770608								2730				
770519			0.00	0.005				1580				
770419			0.00								610	0
770222			0.00	0.000							420	0
761104		20	0.04	0.000				1650			930	0
761013		9						3720			2090	0
761006		16						2450			1220	0
760915		15						1500			670	0
760903		26						1650			850	0
760818		29	0.03					1530			880	0
760804		16	0.04	0.005				800			440	0
760715		12						1027			480	0
760706		100						217			143	6
760616		18						1152			500	0
760603		38										20
760520		15	0.00	0.000			0.20					0
760506		10	0.00	0.020			0.10					0
760421		28										0
760402		40										0
760317		16									415	0
760304		24									308	0
760213				0.030			0.10					
751119				0.000			0.10					
751007								3110				
750804				0.000			0.40					
750701								3080				
750609								2230				
750518				0.000			0.40					
750205			0.00	0.000			0.10					
741204							0.10	430				
741030				0.000			0.20	2130				
741003							0.20	1030				

ATH 02 SOUTH FORK SALINE RIVER
COUNTY ROAD BRIDGE 4 MILES NORTHEAST OF CREAL SPRINGS
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770608		18.5	6.3	7.2	0.060		70	0.15	0.1	600				
770519		19.0	7.2	7.3	0.050		310	0.15	0.1	467				
770419		16.0	6.4	7.5	0.100	0.005	670	0.10	0.1	533	1.0	0.0	0.00	185
770311		9.5	9.3	7.4	0.050		60	0.15	0.1	467				
770223		5.0	11.7	6.9	0.050	0.007	80	0.15	0.1	650	0.6	0.0	0.00	250
761104		5.5	6.5	7.0	0.700		10	0.10	0.1	600				
761006		15.0	5.7	7.1	0.050	0.005	300	0.00	0.1	333	1.2	0.1	0.00	70
760903		20.0	5.8	7.1	0.050		370	0.05	0.1	400				
760804		20.0	5.6	7.1	0.100		920	0.05	0.3	775				
760722		25.5	7.3	7.2	0.100	0.000	390	0.10	0.0	392	1.8	0.0	0.00	5
760616		21.5	6.0	7.4	0.200		120000	0.15	0.2	667				
760504		13.5	9.9	7.3	0.090		20	0.20	2.5	442				
760415		16.5	7.7	7.6	0.050	0.005	120	0.00	0.3	633	1.4	0.0	0.00	300
760302		15.5	9.2	7.7	0.100		150	0.20	0.3	383				
760203		0.5	15.2	7.3	0.100		70	0.10	0.1	400				
760107		3.0	13.2	7.0	0.050	0.005	130	0.10	0.1	333	0.5	0.2	0.00	105
751216		6.5	10.0	7.1	0.260		8500	0.40	0.4	200				
751117		10.0	9.2	7.1	0.120		260	0.05	0.2	633				
751007		15.0	7.8	7.0	0.170	0.002	190	0.05	3.1	617	1.3	0.0	0.00	230
750923		15.0	8.1	7.4	0.110		850	0.10	0.3	367				
750804		24.0	6.1	7.1	0.460		22000	0.35	0.4	267				
750701		23.5	5.1	6.5	0.210	0.005	700	0.10	3.0	533	4.5	0.0	0.00	185
750609		19.5	5.5	7.1	0.080		300	0.05	0.1	717				
750513		18.5	7.9	7.0	0.100		2900	0.09	0.2	242				
750408		10.0	11.1	7.3	0.050	0.000	50	0.04	2.3	400	1.3	0.0	0.00	135

ATH 02 SOUTH FORK SALINE RIVER
COUNTY ROAD BRIDGE 4 MILES NORTHEAST OF CREAL SPRINGS --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
750324		12.0	9.1	7.4	0.100		610	0.05	0.1	317				
750226			11.3	7.7	0.140		210	0.10	0.2	200				
750123		3.0	13.2	7.3	0.050	0.000	130	0.10	0.2	617	0.8	0.0	0.00	185
741202		4.5	11.3	7.3	0.060	0.000	400	0.03	0.2	450				
741114		9.0	9.7	7.6	0.070	0.000		0.00	0.2	333				
741016		13.0	5.5	6.4	0.130	0.010	580	0.04	0.0		1.6	0.2	0.00	210

ATH 02 SOUTH FORK SALINE RIVER
COUNTY ROAD BRIDGE 4 MILES NORTHEAST OF CREAL SPRINGS --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770419	0.000	0.1	0.1	0.000	0.00	0.00	0.00	0.00	0.54	0.0	0.000	0.0	0.2	7
770223	0.002	0.0	0.4	0.000	0.00	0.00	0.00	0.00	0.25	0.0	0.000	0.0	0.2	12
761006	0.000	0.1	0.3	0.000	0.00	0.04	0.00	0.00	0.40	0.0	0.000	0.0	0.2	4
760722	0.000	0.0	0.3	0.000	0.00	0.08	0.05	0.03	0.65	0.0	0.000	0.0	0.2	5
760415	0.000	0.0	0.2	0.000	0.00	0.00	0.02	0.04	0.67	0.0	0.000	0.1	0.2	10
760107	0.000	0.0	0.1	0.010	0.00	0.00	0.00	0.00	0.35	0.0	0.000	0.1	0.1	6
751216					0.00									
751007	0.000	0.0	0.6	0.000	0.00	0.00	0.00	0.02	0.49	0.0	0.000	0.0	0.2	7
750701	0.000	0.1	0.5	0.000	0.00	0.00	0.00	0.01	1.00	0.0	0.000	0.0	0.2	5
750408	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.60	0.0	0.000	0.0	0.2	6
750123	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.45	0.0	0.000	0.0	0.1	7
741016	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.02	0.65	0.0	0.000	0.0	0.2	8

ATH 02 SOUTH FORK SALINE RIVER
COUNTY ROAD BRIDGE 4 MILES NORTHEAST OF CREAL SPRINGS --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ABAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770419				0.000							225	70
770223			0.00	0.010							270	55
761006			0.04	0.005								
760722			0.08	0.000								
760415			0.00	0.010			0.10					
760107			0.00	0.000			0.10					
751007				0.000			0.20					
750701				0.000			0.30					
750408				0.000			0.30					
750123							0.10					
741202							0.10					
741114							0.10					
741016				0.000			0.10	360				

ATH 05 SOUTH FORK SALINE RIVER
US 45 BRIDGE NORTHEAST OF STONEFORT
LAB: MARION DISCHARGE DATA: 03382100 SOUTH FORK SALINE RIVER NEAR CARRIER MILLS, IL
DRAINAGE AREA: 147 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770921	55	18.5	9.8	3.9	0.000		10	0.55	0.2	883				
770811	13	26.0	8.8	2.8	0.000		0	1.60	0.3					
770721	5.3	28.5	12.6	3.8	0.000	0.000	0	0.85	0.3		0.8	0.2	0.00	970
770608	6.6	21.0	10.0	4.5	0.050		10	3.60	0.2					
770519	16	21.5	8.7	3.8	0.000		0	2.60	0.1					

ATH 05 SOUTH FORK SALINE RIVER
US 45 BRIDGE NORTHEAST OF STONEPORT --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-NIUM (MG/L)	SULFATE (SO4) (MG/L)
770419	51	17.0	8.1	4.1	0.000	0.000	0	1.00	0.2	1217	2.9	0.0	0.00	770
770311	53	9.0	9.6	5.1	0.000			1.00	0.1	983				
770222	16	4.5	11.0	4.6	0.000		0	0.45	0.3	1033	14.0	0.0	0.00	500
761104	10	6.5	8.1	3.9	0.000		0	2.40	1.0	2283	14.0			1100
761013	4.4	16.5	8.8	3.5	0.070	0.005	0	6.00	0.2	3833	11.0	0.0	0.00	2500
761006	9.5	16.5	8.7	3.3	0.050	0.000	0	1.50	0.1	2567	27.0	0.0	0.00	1000
760915	2.3	19.0	8.7	3.1	0.000		0	0.85	0.2	1667	10.8			600
760903	6.9	22.0	8.6	3.2	0.050		0	0.35	0.1	1833	7.0			750
760818	5.1	21.5	7.6	3.2	0.500		0	3.50	1.5	2667	22.5			1340
760804	10	23.0	8.2	3.9	0.000		0	0.50	0.4	1250	2.2			500
760715	*26	26.5	7.8	4.6	0.000	0.005		0.50	0.3	1133	1.3	0.0	0.00	550
760706	*796	22.0	7.4	6.1	0.050	0.000	150	0.15	0.2	317	2.6	0.0	0.00	120
760616	*17	24.5	9.4	4.7	0.000		0	0.20	0.1	1100	1.3			550
760603	*99	18.5	8.6	6.4	0.000		30	0.35	0.5	583	2.8	0.0		100
760520	*49	15.5	9.1	6.4	0.000		0	0.50	0.2	1100	5.4	0.0		525
760506	*42	16.5	7.8	4.9	0.000		0	1.00	0.3	1150	10.8	0.1		560
760421	*42	19.5	8.1	3.9	0.000	0.005	0	0.50	0.2	1150	5.2	0.0	0.00	680
760402	*95	12.0	10.0	6.2	0.050	0.000	0	0.25	0.1	550	4.9	0.0	0.00	220
760317	*38	6.5	9.8	5.1	0.000		0	1.30	0.0	1167	13.8	0.7		640
760304	*85	15.5	8.6	5.9	0.050		0	0.80	0.0	1067	5.5	0.0		400
760213	75	9.5	9.8	5.7	0.080		0	0.75	0.0	1317				
760121	56	1.0	10.2	5.2	1.800	0.000	0	1.55	0.2	1183	13.5	0.0	0.00	850
751204	60	5.5	10.1	5.1	0.030			1.10	0.3	967				
751119	12	10.5	8.6	4.5	0.010		10	2.30	0.1					
751007	9.2	18.0	8.5	3.7	0.000	0.005	100	1.70	2.0		19.0	0.0	0.00	1850
750926	14	14.5	9.6	4.8	0.050			1.50	0.3					
750804	245	22.0	5.5	4.3	0.040		100	0.50	0.4	650				
750701	7.7	24.5	3.1	3.6	0.070	0.000	0	2.30	5.0		8.0	0.0	0.00	1950
750609	6.5	22.0	8.0	3.6	0.000		0	1.20	0.2					
750514	135	18.0	7.9	5.2	0.050		0	0.03	0.1	317				
750408	86	10.0	9.1	4.5	0.040	0.005	0	0.66	2.8	1100	11.5	0.0	0.00	525
750329	389	13.0	8.7	5.8	0.050		30	0.40	0.5	642				
750205	343	6.5	10.9	7.3	0.060		30	0.38	0.3	600				
750107	129	4.5	11.0	4.7	0.050	0.005	0	0.70	5.8		7.0	0.0	0.00	270
741202	107	4.0	10.9	5.5	0.070	0.000	0	0.28	0.2	667				
741114	76	8.0	9.6	5.0	0.190	0.000	0	0.36	0.2					
741016	27	14.0	3.3	3.4	0.030	0.010	0	0.85	0.2		75.0	0.3	0.00	1500

ATH 05 SOUTH FORK SALINE RIVER
US 45 BRIDGE NORTHEAST OF STONEPORT --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770721	0.001	0.0	0.4	0.010	0.00	0.00	0.07	0.00	5.90	0.2	0.000	0.3	0.8	7
770419	0.000	0.1	0.2	0.010	0.00	0.00	0.02	0.00	6.60	0.1	0.000	0.3	0.7	7
770222	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	5.50	0.1	0.000	0.3	0.5	13
761013	0.000	0.0	0.2	0.020	0.00	0.06	0.03	0.01	20.30	0.6	0.000	2.6	2.5	6
761006	0.000	0.1	0.6	0.040	0.00	0.06	0.00	0.00	16.00	0.5	0.000	5.0	3.0	6
760715	0.000	0.0	0.2	0.020	0.00	0.01	0.05	0.02	4.80	0.0	0.000	0.7	0.6	8
760706	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.03	1.10	0.0	0.000	0.1	0.3	5
760603				0.000					1.97			0.2		
760520				0.000					4.30			0.3		
760506				0.010					6.00			0.4		
760421	0.001	0.0	0.2	0.020	0.00	0.00	0.05	0.01	7.75	0.2	0.000	0.7	0.9	10
760402	0.000	0.0	0.0	0.000	0.00	0.00	0.06	0.02	2.30	0.1	0.000	0.2	0.2	8
760317				0.010					6.35			0.8		
760304				0.010					5.00			0.4		
760121	0.000	0.0	0.3	0.020	0.00	0.01	0.02	0.01	8.00	0.2	0.000	0.3	0.4	8
751007	0.000	0.2	0.5	0.040	0.00	0.02	0.04	0.00	21.50	0.4	0.000	0.1	2.4	7
750701	0.000	0.0	0.2	0.050	0.00	0.00	0.03	0.01	20.00	0.3	0.000	0.7	1.8	8
750408	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.00	7.00	0.2	0.000	0.2	0.4	6
750107	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	4.80	0.1	0.000	0.1	0.2	5
741016	0.000	0.0	0.3	0.060	0.00	0.00	0.07	0.02	21.90	0.6	0.000	1.7	3.0	5

* Instantaneous discharge.

ATH 05 SOUTH FORK SALINE RIVER
US 45 BRIDGE NORTHEAST OF STONEPORT --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	NOE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770811								2160				
770721			0.00	0.005				1440				
770608								2920				
770519								1910				
770419				0.000							640	0
770222			0.00								425	0
761104		11						1890			1100	0
761013		8	0.06					3680			2020	0
761006		3	0.06					2010			900	0
760915		1						1120			390	0
760903		4						1320			470	0
760818		5						2380			810	0
760804		6						945			485	0
760715		8	0.01	0.005				1041			530	0
760706		65	0.00	0.005				211			147	0
760616		7						880			520	0
760603		22										20
760520		8										0
760506		4										0
760421		11	0.00	0.000			0.20					0
760402		50	0.00	0.010			0.10					4
760317		6									550	0
760304		10									334	0
760121				0.000		0.2	0.20					
751119								1850				
751007				0.010			0.20	2970				
750926								1580				
750701				0.000			0.40	3290				
750609								1880				
750408				0.000			0.20					
750107			0.00	0.000			0.50	480				
741202							0.10					
741114							0.10	540				
741016				0.000			0.10	2310				

ATHD01 LITTLE SALINE RIVER
COUNTY ROAD BRIDGE 3 MILES SOUTH OF CARRIER MILLS
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770608		16.0	7.0	7.2	0.080		360	0.25	0.1	233				
770519		18.5	7.6	6.9	0.000	0.000	380	0.15	0.0	200	0.6	0.0	0.00	42
770419		15.5	7.9	7.1	0.050		60	0.15	0.2	167	0.7			50
770311		9.0	10.6	6.7	0.010		160	0.10	0.1	158				
770222		0.5	13.6	6.4	0.050	0.006	40	0.05	0.1	200	0.6	0.0	0.00	70
761104		5.0	5.5	7.0	0.080	0.015	60	0.00	0.0	202	0.9	0.0	0.00	10
761013		15.0	5.0	6.9	0.070		60	0.15	0.0	267				
760915		16.5	6.0	7.2	0.050		720	0.20	0.1	200				
760818		19.5	6.9	6.8	0.700	0.006	780	0.15	0.0	217	1.0	0.0	0.00	35
760715		24.5	6.8	6.5	0.100		4500	0.10	0.2	158				
760616		21.5	8.2	6.6	0.050		730	0.10	0.0	150				
760520		14.5	9.7	7.6	0.050	0.015	30	0.10	0.1	148	0.6	0.0	0.00	45
760421		18.0	7.3	6.9	0.050		460	0.10	0.2	158				
760308		15.5	9.5	6.9	0.050		30	0.10	0.1	162				
760213			11.3	6.4	0.270	0.005	50	0.00	0.0	167	2.7	0.0	0.00	50
760121		0.5	14.2	6.6	0.180		10	0.05	0.2	157				
751208		5.5	11.6	7.2	0.050		330	0.00	0.1	183				
751119		10.0	10.8	6.9	0.020	0.000	80	0.00	0.1	167	0.8	0.0	0.00	40
751007		16.0	6.7	6.6	0.050		20	0.00	0.1	217				
750926		13.5	8.3	6.6	0.030		110	0.10	0.1	158				
750804		21.5	6.7	5.5	0.170	0.013	7500	0.15	3.9	100	3.4	0.0	0.00	10
750701		23.5	4.8	6.6	0.110		400	0.10	0.0	217				
750609		19.5	6.6	6.5	0.040		60	0.04	0.2	150				
750514		15.0	9.3	4.1	0.000	0.005	150	0.05	5.6	167	0.7	0.0	0.00	28
750408		10.0	11.1	6.2	0.020		10	0.03	0.1	125				

ATHD01 LITTLE SALINE RIVER
COUNTY ROAD BRIDGE 3 MILES SOUTH OF CARRIER MILLS --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
750324		11.5	9.3	6.4	0.100		4500	0.10	0.2	100				
750205		7.0	11.6	7.5	0.030	0.005	60	0.06	0.3	125	0.6	0.0	0.00	35
750107		4.5	12.1	6.5	0.010		70	0.00	0.1	142				
741204		2.0	12.7	7.7	0.000	0.000	40	0.05	0.2	167				
741030		16.0	3.8	6.2	0.080	0.000	90	0.00	0.1	200	0.5	0.0	0.00	25
741003		9.5	8.4	7.5	0.080	0.005	120	0.00	0.1	200				

ATHD01 LITTLE SALINE RIVER
COUNTY ROAD BRIDGE 3 MILES SOUTH OF CARRIER MILLS --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770519	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.27	0.0	0.000	0.0	0.1	4
770419		0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.16	0.0	0.000	0.0	0.1	4
770222	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.09	0.0	0.000	0.0	0.0	
761104	0.000	0.0	0.1	0.000	0.00	0.02	0.00	0.01	0.25	0.0	0.000	0.2	0.1	5
760818	0.001	0.0	0.1	0.000	0.00	0.00	0.00	0.02	0.28	0.0	0.000	0.7	0.0	5
760520	0.000	0.0	0.2	0.000	0.00	0.00	0.04	0.00	0.12	0.0	0.000	0.0	0.0	3
760213	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.45	0.0	0.000	0.1	0.0	9
751119	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.20	0.0	0.000	0.0	0.0	4
750804	0.001	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.35	0.0	0.000	0.0	0.2	3
750514	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.00	0.0	0.000	0.0	0.1	2
750205	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.00	0.0	0.000	0.0	0.1	5
741030	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.01	0.29	0.0	0.000	0.0	0.1	5

ATHD01 LITTLE SALINE RIVER
COUNTY ROAD BRIDGE 3 MILES SOUTH OF CARRIER MILLS —CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770519			0.00	0.005							62	30
770419			0.00								80	16
770222			0.00	0.000								
761104			0.02	0.000								
760818			0.00	0.000								
760520			0.00	0.010			0.10					
760213				0.000			0.30					
751119				0.010			0.10					
750804				0.000			0.30					
750514							0.40					
750205				0.000			0.10					
741204							0.10					
741030				0.000			0.20	160				
741003							0.20					

ATHG01 SUGAR CREEK
COUNTY ROAD BRIDGE 5 MILES NORTHEAST CEDAR SPRINGS
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770921		18.0	2.3	4.3	0.180	0.008	0	0.40	0.2	633	32.0	0.0	0.00	275
770811		24.0		2.9	0.600		0	4.00	8.1					
770727		23.5	1.2	3.9	0.200		0	0.40	0.4	850				
770608		16.0	0.4	3.5		0.008	0	0.95	0.0		456.0	0.0	0.00	3250
770519		19.5	0.2	3.7	0.400		0	0.90	0.0					

ATHG01 SUGAR CREEK
COUNTY ROAD BRIDGE 5 MILES NORTHEAST CREAL SPRINGS --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770419		16.0	0.9	4.0	0.250		0	0.25	0.2	917	46.0			500
770311		9.5	4.9	4.7	0.120	0.008		0.40	0.2	717	30.0	0.0	0.00	350
770223		6.0	1.2	4.4	0.400	0.000	0	0.70	0.2	1167	78.0	0.0	0.00	690
761104		4.5	0.1	4.2	0.800		0	1.10	0.2	1867	128.0			1000
761013		15.5	0.1	3.2	5.000		0	15.00	0.1	9950	2000.0			9500
761006		16.0	0.0	3.3	6.000		0	14.00	0.0	10500	2000.0			8000
760915		16.0	0.3	3.1	1.050	0.015	0	7.05	0.2	6333	825.0	0.2	0.00	5000
760903		20.5	0.7	3.1	0.700	0.020	0	4.50	0.0	8000	1250.0	0.0	0.00	7500
760818		18.5	1.4	3.3	0.650		0	1.90	0.1	3333	31.5			145
760804		21.0	0.7	3.7	0.150		0	0.45	0.1	1067	48.0			350
760715		25.0	1.0	3.7	0.200			0.50	0.3	950	54.0			400
760706		20.5	4.5	4.6	0.150		0	0.45	0.3	567	26.5			225
760616		22.0	0.4	3.7	0.300	0.025	0	1.00	0.0	1417	95.0	0.0	0.00	725
760603		18.5	8.6	5.0	0.100	0.020		0.45	0.6	533	15.0	0.0	0.00	140
760520		14.5	3.4	4.7	0.250		0	0.45	0.2	767	37.5	0.0		350
760506		14.5	0.7	4.6	0.400		0	0.70	0.3	967	59.0	0.0		440
760421		19.5	0.1	4.1	0.400		0	1.20	0.3	1250	4.4	0.1		600
760402		12.0	6.4	4.8	0.150		0	0.45	0.1	583	24.0	0.0		300
760317		8.0	3.2	4.9	0.250	0.000	0	1.10	0.0	900	46.0	0.7	0.00	440
760302		15.5	3.0	4.8	0.320	0.010	0	0.70	0.2	850	44.0	0.4	0.00	360
760203		0.0	6.4	4.7	0.300		0	0.60	0.0	817				
751216		6.5	9.1	5.0	0.160	0.002	10	0.40	0.5	250	7.3	0.0	0.00	65
751117		10.0	0.3	3.9	0.870		0	1.40	0.1	1200				
751007		18.5	0.3	3.6	0.450		0	0.80	0.2					
750923		15.0	0.1	4.0	0.360	0.010	0	1.10	0.2	1283	100.0	0.0	0.00	500
750804		21.5	6.0	4.2	0.150		0	0.40	0.2	483				
750701			1.8	3.3	0.430		0	4.70	0.0					
750609			0.2	3.4	0.140	0.007	0	1.40	4.0		175.0	0.0	0.00	1500
750513		16.5	5.0	4.3	0.150		10	0.27	0.2	500				
750408		10.0	4.1	4.3	0.190		0	0.20	0.1	833				
750324		13.0	8.5	4.5	0.200	0.000	2200	0.20	5.7	217	7.0	0.2	0.00	55
750226		4.5	10.7	4.8	0.080		0	0.00	0.3	348				
750123		2.0	9.1	4.5	0.260		0	0.25	0.2	683				
750107		1.5	7.6	4.7	0.320		0	0.70	0.0	750				
741202		4.0	7.9	4.8	0.140	0.000	0	0.24	1.4	633	24.0	0.0	0.00	250
741114		8.5	4.5	4.6	0.260	0.000	0	0.30	0.3					
741016		14.0	0.4	3.6	0.430	0.005	0	0.40	0.0					

ATHG01 SUGAR CREEK
COUNTY ROAD BRIDGE 5 MILES NORTHEAST CREAL SPRINGS --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770921	0.000	0.0	0.1	0.003	0.00	0.00	0.00	0.00	4.50	0.2	0.000	0.4	0.5	5
770608	0.001	0.0	0.5	0.195	0.00	0.13	0.22	0.00	39.99	2.8	0.000	6.0	11.7	8
770419		0.1	0.2	0.020	0.00		0.03	0.00	7.80	0.2	0.000	0.6	0.9	6
770311	0.001	0.1	0.1	0.020	0.00	0.00	0.00	0.00	5.25	0.1	0.010	0.4	0.5	9
770223	0.002	0.0	0.1	0.020	0.00		0.03	0.00	10.40	0.3	0.000	0.9	1.5	11
760915	0.005	0.0	0.5	0.210	0.00	0.20	0.27	0.01	39.99	3.6	0.050	12.4	18.0	8
760903	0.001	0.0	1.0	0.350	0.00	0.19	0.42	0.03	39.99	5.8	0.060	0.8	0.4	8
760616	0.000	0.0	0.2	0.060	0.00	0.02	0.10	0.01	14.00	0.5	0.000	2.5	2.3	5
760603	0.000	0.0	0.1	0.010	0.00	0.00	0.00	0.01	2.20	0.0	0.000	0.3	0.3	8
760520				0.010					4.80			0.7		
760506				0.020					7.50			1.2		
760421				0.050					11.00			1.9		
760402				0.010					3.70			0.6		
760317	0.000	0.2	0.0	0.020	0.00	0.03	0.07	0.00	7.00	0.2	0.000	1.2	1.2	70
760302	0.000	0.0	0.1	0.030	0.00		0.07	0.00	5.50	0.2	0.000	1.9	1.0	13
751216	0.000	0.0	0.1	0.000	0.06	0.00	0.02	0.02	1.28	0.0	0.000	0.1	0.3	5
750923	0.000	0.0	0.2	0.040	0.00	0.00	0.01	0.00	13.30	0.0	0.020	1.2	1.9	5
750609	0.000	0.0	0.3	0.100	0.00	0.04	0.18	0.01	29.50	1.1	0.000	3.0	4.3	7
750324	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.90	0.0	0.000	0.0	0.4	4
741202	0.000	0.0	0.2	0.018	0.00	0.00	0.00	0.00	4.00	0.2	0.000	0.3	0.5	7

ATHG01 SUGAR CREEK
COUNTY ROAD BRIDGE 5 MILES NORTHEAST CRYSTAL SPRINGS --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MBAS (MG/L)	NOE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770921			0.00	0.000								
770811								4270				
770608			0.13					7150				
770519								1600				
770419			0.03								250	0
770311			0.00	0.000								
770223			0.00	0.005							335	0
761104		120						1730			500	0
761013		60						16900				0
761006		120						18010				
760915		12	0.20					10170		280		
760903		55	0.19					14100			3999	0
760818		75						8490			650	0
760804		45						855		32	43	0
760715		42						830			295	0
760706		20						545			180	136
760616		32	0.02	0.020				1240				0
760603		26	0.00	0.010			0.20					0
760520		13										0
760506		8										0
760421		17										0
760402		70										0
760317		9	0.03	0.000			0.10				205	0
760302		12	0.07	0.020			0.10				239	0
751216			0.00	0.010			0.00					
751007								6800				
750923				0.000			0.20					
750701								930				
750609			0.04				0.30	2820				
750324				0.000			0.30					
750226								270				
750123								570				
741202				0.000			0.20					
741114							0.10	660				
741016							0.10	1710				

ATZN01 CYPRESS DITCH
ROUTE 13 AT JUNCTION NEAR SOUTH
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
770603		21.5	8.9	8.0	0.140		240	0.35	0.1	1250				
770505		18.5	7.1	7.8	0.170		490	0.15	1.3	817				
770405		7.0	8.8	7.8	0.160	0.005		0.15	0.6	783	1.2	0.0	0.00	58
770308		9.5	10.3	7.7	0.150		20	0.10	1.4	750				
770208		0.5	12.5	7.5	0.020		0	0.10	0.1	550				
761208		1.0	13.2	8.1	0.100		20	0.10	0.1					
761116		6.0	10.9	7.8	0.070		0	0.10	0.0	1333				
761026		11.0	6.7	7.5	0.150	0.005	90	0.15	0.8	950	1.4	0.1	0.00	50
760928		18.0	10.5	7.9	0.750		430	0.20	0.2	667				
760826		24.0	8.5	7.9	0.150		5300	0.15	0.0	800				
760727		22.0	6.6	7.9	0.400	0.005	730	0.05	0.3	933	1.3	0.0	0.00	75
760618		21.0	6.8	7.8	0.450		540	0.10	0.4	800				
760512		16.5	8.1	7.8	0.200		220	0.20	0.3	883				
760428		12.0	8.2	7.8	0.200	0.005	360	0.25	0.5	833	1.8	0.1	0.00	40
760305		14.0	6.5	7.7	0.200		470	0.15	0.3	883				
760217		12.0	7.7	7.9	0.200		450	0.25	0.4	817				
760121		1.0	14.1	7.9	0.200	0.000	20	0.15	0.7	783	0.8	0.3	0.00	60
751203		6.5	9.1	7.5	0.330		660	0.20	0.9	767				
751119		10.0	7.1	7.9	0.170		240	0.15	0.5	1083				
751006		16.0	5.2	7.6	0.150	0.003	20	0.15	0.2	1000	0.9	0.0	0.00	62
750922		16.0	3.4	7.6	0.100		190	0.10	0.3	917				
750821		25.5	5.9	7.5	0.330		390	0.30	0.2	383				
750709		24.5	3.9	7.3	0.210	0.005	210	0.10	5.0	1005	1.8	0.0	0.00	50
750610		20.5	6.9	7.9	0.200		660	0.13	0.4	900				

AT3N01 CYPRESS DITCH
ROUTE 13 AT JUNCTION NEAR MOUTH --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	SULFATE (SO4) (MG/L)
750506		21.0	7.5	7.8	0.180		90	0.08	1.0	633				
750402		13.5	9.2	6.3	0.330	0.006	230	0.12	9.5	233	5.8	0.1	0.00	25
750312		4.5	11.8	7.0	0.880		1100	0.70	1.0	125				
750205		8.5	9.4	7.7	0.170		50	0.14	1.6	617				
750107		6.0	11.5	7.5	0.080	0.005	110	0.05	5.6	750	0.6	0.0	0.00	60
741204		4.5	11.4	7.9	0.090	0.000	10	0.05	0.6	850				
741001		13.0	6.3	6.8	0.140	0.005	590	0.50	5.0	767	1.3	0.2	0.00	55

ÁT3N01 CYPRESS DITCH
ROUTE 13 AT JUNCTION NEAR MOUTH --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770405	0.001	0.0	0.2	0.000	0.00	0.00	0.04	0.02	0.43	0.0	0.000	0.0	0.3	60
761026	0.005	0.1	0.1	0.000	0.00	0.01	0.00	0.00	0.45	0.0	0.000	0.1	0.3	85
760727	0.003	0.0	0.1	0.000	0.00	0.08	0.04	0.01	0.30	0.0	0.000	0.0	0.3	85
760428	0.003	0.0	0.2	0.000	0.00	0.00	0.05	0.25	0.40	0.0	0.000	0.1	0.3	45
760121	0.000	0.0	0.2	0.010	0.00	0.01	0.00	0.00	0.30	0.0	0.000	0.1	0.2	55
751006	0.000	0.1	0.1	0.020	0.00	0.00	0.00	0.01	0.43	0.0	0.000	0.0	0.3	110
750709	0.003	0.1	0.1	0.000	0.00	0.00	0.00	0.01	0.46	0.0	0.000	0.0	0.4	92
750402	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.02	0.10	0.0	0.000	0.0	0.7	17
750107	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.18	0.0	0.000	0.0	0.2	55
741001	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.01	0.33	0.0	0.000	0.0	0.3	78

AT3N01 CYPRESS DITCH
ROUTE 13 AT JUNCTION NEAR MOUTH --CONTINUED

DATE	BOD 5 DAY (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ABAS (MG/L)	ROE (MG/L)	VSS (MG/L)	COLOR UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770405			0.00	0.000								
761208								850				
761026			0.01	0.000								
760727			0.08	0.000								
760428			0.00	0.010			0.10					
760121				0.000			0.20					
751006				0.000			0.20					
750709				0.000			0.40					
750402				0.000			0.60					
750107				0.000			0.50					
741204							0.20					
741001				0.000			0.70					

B 01 WABASH RIVER
MOUNT CARMEL WATER INTAKE
LAB: MARION DISCHARGE DATA: 03377500 WABASH RIVER AT MOUNT CARMEL, IL
DRAINAGE AREA: 28635 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770928	15300	21.5	10.4	7.7	0.210		460	0.15	3.4	617				
770823	18200	23.0	7.5	8.1	0.250	0.005	1100	0.05	2.8	500	0.0	0.3	0.000	0.02
770725	7830	25.5	5.8	8.0	0.100	0.000	200	0.00	0.0	533	0.1	0.2	0.000	0.00
770628	10300		8.4	8.4	0.150		1800	0.20	1.4	583				
770517	24000	21.5	7.5	8.1	0.200	0.000	350	0.05	5.3	617	0.2	0.6	0.000	0.01
770426	23500	15.0	9.7	8.1	0.200		300	0.20	1.7	633	0.0	0.8	0.000	0.01
770314	41700	11.0	8.6	7.9	0.420		550	0.50	3.4	517				
770201	3170		15.0	8.2	0.180		30	0.15	1.7	833				
761213	3610	1.0		8.5	0.150			0.10	1.4	700				
761118		3.0	14.8	8.5	0.150	0.000	0	0.00	1.0	767	0.0	0.2	0.000	0.00
761025	5450	9.5	9.7	8.2	0.200		130	0.10	0.7	767				
760930	4310	16.5	7.5	8.1	0.150		140	0.15	0.4	700				
760824	6420	27.0	7.9	8.2	0.250	0.015	50	0.10	0.0	583	0.0	0.1	0.000	0.01
760727	8850	27.0	9.8	8.3	0.300		1400	0.10	0.5	500				
760614	11000	24.5	8.8	8.3	0.250		30	0.05	0.6	633				
760525	9000	18.0	11.0	8.2	0.100	0.015	40	0.05	0.7	600	0.0	0.2	0.000	0.00
760426	13100	11.5	10.6	8.5	0.100		170	0.05	0.9	633				
760310	77800	8.0	9.7	7.7	0.450		260	0.00	3.5	433				
760203	46600	0.0	13.8	8.1	0.320	0.005	160	0.40	2.8	650	0.0	0.2	0.020	0.01
760122	26600	0.5	13.0	8.1	0.130		650	0.60	2.6	750				
751216	25600	3.0	10.2	7.8	1.100		3700	0.40	3.2	600				
751104	9100	16.5	12.8	8.7	0.280	0.004	120	0.05	1.0	650	0.1	0.2	0.000	0.15
751007	7100	19.0	12.5	8.4	0.150		30	0.05	1.6	600				
750915	18600	20.5	8.0	7.9	0.210		600	0.15	1.9	533				
750818	13100	28.0	7.7	8.0	0.260	0.005	330	0.05	1.1	500	0.0	0.3	0.000	0.00
750728		25.5	7.3	8.2	0.220		120	0.05	1.7	567				
750616	30200	23.5	7.6	7.9	0.310		1000	0.08	5.5	567				
750519	24800	19.0	10.7	7.9	0.200	0.005	360	0.05	2.7	567	0.0	0.0	0.010	
750429	71900	17.0	8.1	7.8	0.340		460	0.15	4.3	433				
750320	80900	8.5	10.0	7.9	0.150		520	0.10	3.9	500				
750226	91300	8.5	12.1	7.4	0.420	0.000	520	0.06	2.5	317	0.0	0.2	0.000	0.08
750108	41700	4.0	11.5	7.9	0.190		380	0.09	4.8	583				
741210	34700	4.0	10.9	7.9	0.170	0.005	1900	0.11	2.0	533				
741119	23100		11.0	7.6	0.020	0.010	0	0.05	2.2	617	0.0	0.1	0.000	0.00
741024	8950	14.5	11.0	8.2	0.150	0.005	290	0.03	1.2	667				

B 01 WABASH RIVER
MOUNT CARMEL WATER INTAKE --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770823	0.002	0.00	0.00	0.03	3.4	0.25	0.1	0.0	0.00	0.000	0.1	0.2	25	52
770725	0.002	0.00	0.00	0.08	1.3	2.50	0.0	0.0	0.00	0.000	0.0	0.2	33	80
770517	0.000	0.00	0.00	0.00	2.8	0.17	0.0	0.0	0.00	0.000	0.0	0.2	29	71
770426		0.00		0.02	6.5	0.57	0.0	0.0		0.000	0.1	0.2	38	80
761118	0.002	0.00	0.05	0.00	1.1	0.17	0.0	0.1	0.00	0.000	0.0	0.3	45	75
760824	0.001	0.00	0.00	0.00	1.5	0.25	0.0	0.0	0.00	0.000	0.0	0.3	30	90
760525	0.000	0.00	0.00	0.02	0.7	0.20	0.0	0.0	0.00	0.000	0.0	0.3	33	75
760203	0.001	0.00	0.00	0.05	1.9	0.10	0.0	0.0	0.00	0.000	0.0	0.2	65	65
751104	0.000	0.00	0.00	0.05	16.0	0.77	0.8	0.0	0.00	0.000	0.9	0.3	31	75
750818	0.001	0.00	0.00	0.00	3.5	0.23	0.4	0.0	0.00	0.000	0.0	0.3	22	65
750519	0.000	0.00	0.00	0.15	2.4	0.17	0.0	0.0	0.00	0.000	0.0	0.3	23	80
750226	0.000	0.00	0.00	0.05	16.0	0.30	0.1	0.0	0.00	0.000	0.1	0.3	12	45
741119	0.000	0.00	0.00	0.02	0.2	0.05	0.0	0.0	0.00	0.000	0.0		30	80

B 01 WABASH RIVER
MOUNT CARMEL WATER INTAKE --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO- GEN (MG/L)	SUS- PENDED SOLIDS (MG/L)	CHROM- IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL & GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD- NESS (CACO3) (MG/L)	ALKA- LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770823				0.00	0.000							
770725				0.00	0.000							
770517				0.00	0.005							
770426				0.00						270	170	
761118					0.005							
760824				0.00	0.020							
760525				0.00	0.020			0.20				
760203					0.010			0.20				
751104					0.010			0.20				
750818					0.000			0.30				
750519					0.000			0.20				
750226					0.000			0.30				
741210								0.30				
741119					0.000			0.30				
741024								0.50				

B 03 WABASH RIVER
ROUTE 141 BRIDGE SOUTHEAST OF CARMI
LAB: HARRIS

DATE	DIS- CHARGE (CFS)	TEMP- ERA- TURE DEG/C	DIS- SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS- PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/-.1L)	AMMONIA NITRO- GEN (MG/L)	NO3+NO2 NITRO- GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770622		25.0	9.8	8.3	0.100	0.000	30	0.05	0.0	550	0.0	0.2	0.000	0.00
770527		23.5	10.5	8.5	0.060		30	0.10	1.0	633				
770428		15.0	9.6	8.1	0.140		290	0.10	1.2	1033				
770325		9.0	9.9	7.9	0.230	0.005	20	0.15	2.6	517	0.0	0.3	0.000	0.02
770225		6.0	11.0	7.8	0.350		50		1.5	533				
761230		0.5		8.6	0.200			0.10	1.1	783				
761124		4.5	15.2	8.5	0.200		10	0.00	1.1	767				
761029		10.0	14.2	8.4	0.200		0	0.05	0.8	833				
760922		22.0	10.0	8.3	0.100	0.000	10	0.00	0.2	617	0.0	0.1	0.000	0.00
760831		25.5	11.7	8.5	0.050		0	0.05	0.0	583				
760728		30.0	14.0	8.7	0.350		30	0.05	0.6	517				
760624		24.0	8.2	8.0	0.300	0.010	260	0.10	3.2	567	0.1	0.3	0.000	0.02
760528		21.0	10.4	8.2	0.200		100	0.20	0.2	583				
760429		17.0	15.7	8.5	0.050		10	0.00	0.5	600				
760305		13.0	9.1	7.8	0.200	0.000	140	0.10	3.5	483	0.0	0.1	0.000	0.01
760217		7.0	9.7	7.8	0.400		210	1.70	1.7	433				
760121		1.0	14.5	7.7	0.260		630	0.30	2.0	583				
751203		6.5	9.8	7.5	1.000	0.005	3000	0.35	1.4	483	0.0	0.6	0.010	0.02
751120		9.5	12.4	8.1	0.170		270	0.05	1.1	533				
751006		17.0	13.7	8.2	0.180		40	0.00	0.7	517				
750922		16.5	9.2	8.0	0.200	0.010	310	0.00	1.9	500	0.0	0.2	0.000	0.00
750821		24.5	7.6	8.2	0.170		140	0.10	1.0	550				
750708		28.0	7.8	8.1	0.200		200	0.00	2.9	598				
750623		25.0	5.9	7.7	0.250	0.008	900	0.10	5.3	453	0.0	0.2	0.010	0.10
750506		19.0	8.1	7.7	0.200		100	0.06	3.2	433				
750402		9.0	10.6	7.6	0.230		640	0.07	1.8	333				
750311		4.5	11.5	7.9	0.170	0.000	280	0.10	3.1	450	0.0	0.3	0.000	0.01
750204		5.0	12.1	7.6	0.290		440	0.19	3.1	533				
750106		4.5	11.6	8.0	0.170	0.005	1000	0.10	2.9	500				
741204		5.0	12.1	7.4	0.150	0.000	280	0.12	7.1	583	0.0	0.2	0.000	0.01
741119		10.5	9.8	8.0	0.170	0.000	350	0.10	1.9	467				
741001		16.5	6.6	7.3	0.310	0.005	4100	0.07	1.4	467				

B 03 WABASH RIVER
ROUTE 141 BRIDGE SOUTHEAST OF CARMI --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770622	0.001	0.00	0.00	0.03	0.6	0.18	0.0	0.0	0.00	0.000	0.0	0.3	34	72
770325	0.000	0.00	0.00	0.03	2.2	0.17	0.0	0.0	0.00	0.000	0.0	0.2	27	70
760922	0.000	0.00	0.02	0.00	0.7	0.20	0.2	0.0	0.00	0.010	0.0	0.1	39	70
760624	0.000	0.00	0.00	0.05	1.5	0.25	0.1	0.0	0.00	0.000	0.0	0.2	30	70
760305	0.000	0.00		0.03	1.5	0.17	0.0	0.0	0.00	0.000	0.0	0.2	18	50
751203	0.006	0.00	0.00	0.00	4.0	0.72	0.3	0.0	0.00	0.000	0.0	0.3	20	75
750922	0.001	0.00	0.00	0.00	2.3	0.13	0.0	0.0	0.00	0.000	0.0	0.3	19	50
750623	0.000	0.00	0.00	0.18	2.2	0.18	0.0	0.0	0.00	0.000	0.0	0.2	16	50
750311	0.000	0.00	0.00	0.05	3.6	0.10	0.0	0.0	0.00	0.000	0.0	0.1	18	45
741204	0.000	0.00	0.00	0.00	0.9	0.05	0.0	0.0	0.00	0.000	0.0	0.2	25	65

B 03 WABASH RIVER
ROUTE 141 BRIDGE SOUTHEAST OF CARMI --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	PHAS (MG/L)	PCB (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770622				0.00	0.010							
770325				0.00	0.010							
760922				0.02	0.000							
760624				0.00	0.010							
760305				0.02	0.000			0.30				
751203					0.010	0.0		0.20				
750922					0.000			0.30				
750623					0.000			0.40				
750311					0.000			0.20				
741204					0.000			0.50				
741119								0.40				
741001								0.30				

B 04 WABASH RIVER
I-64 BRIDGE SOUTH OF GRAYVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NU/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770622		25.0	10.1	8.2	0.080		30	0.05	0.0	550				
770527		23.5	11.5	8.5	0.050		30	0.10	1.0	583				
770428		14.5	10.0	8.2	0.190	0.000	300	0.10	1.2	467	0.0	0.7	0.000	0.00
770325		8.0	10.0	7.9	0.250		110	0.15	2.9	517				
770225		4.5	10.9	7.7	0.300		90	0.95	1.5	550				
761230				8.4	0.070		30	0.25	1.2	783				
761124		3.5	14.1	8.4	0.200		0	0.10	1.5	800				
761029		9.5	12.7	8.2	0.290	0.025	83000	0.05	1.2	767	0.1	0.3	0.000	0.00
760922		21.0	7.6	8.0	0.300		100	0.15	0.3	617				
760831		25.5	10.6	8.4	0.100		40	0.05	0.0	583				
760728		30.0	13.5	8.6	0.300	0.005	90	0.00	0.5	517	0.0	0.1	0.000	0.01
760624		23.5	8.3	8.0	0.300		340	0.05	3.0	583				
760528		21.0	9.7	8.1	0.150			0.25	0.2	617				
760429		17.0	14.6	8.4	0.100	0.000	20	0.05	0.6	650	0.0	0.2	0.000	0.03
760330		13.5	9.2	7.9	0.250		2800	0.05	3.4	533				
760227		10.0	10.3	7.5	0.240		80	0.25	4.6	417				
760120		0.5	15.4	7.9	0.280	0.002	1100	0.30	2.2	483	0.1	0.2	0.020	0.02
751202		6.0	10.5	7.8			14000	0.30	1.3	517				
751120		10.0	11.3	8.0	0.190		980	0.05	1.2	567				
751006		20.0	17.5	8.2	0.170	0.004	1600	0.05	0.9	550	0.0	0.2	0.010	0.00
750922		18.0	8.8	8.1	0.220		930	0.05	1.8	533				
750818		23.5	7.5	8.5	0.180		790	0.15	0.5	517				
750730		30.0	8.7	7.1	0.150	0.006	3700	0.05	9.6	592	0.0	0.2	0.000	0.00
750623		26.5	6.8	7.8	0.300		600	0.05	5.4	467				
750505		18.0	8.0	7.9	0.200		360	0.08	3.4	383				
750401		8.0	11.0	6.9	0.250	0.005	1000	0.12	7.8	350	0.0	0.2	0.000	0.02

B 04 WABASH RIVER
I-64 BRIDGE SOUTH OF GRAYVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
750311		5.0	11.3	7.8	0.200		600	0.10	3.8	482				
750203		4.5	11.8	7.3	0.250		660	0.22	2.8	383				
750102		4.5	11.5	7.8	0.280	0.005	1500	0.12	3.1	467	0.0	0.2	0.000	0.01
741217		4.0	11.7	8.0	0.130	0.005	650	0.11		533				
741119		8.0	10.0	7.9	0.170	0.000	730	0.10	1.9	483				
741001		16.0	7.4	7.0	0.350	0.005	5300	0.08	4.9	350	0.0	0.2	0.000	0.02

B 04 WABASH RIVER
I-64 BRIDGE SOUTH OF GRAYVILLE --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (UG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770428	0.000	0.00	0.00	0.00	2.0	0.15	0.0	0.0	0.00	0.000	0.0	0.2	19	55
761029	0.000	0.00	0.00	0.00	1.4	0.28	0.0	0.0	0.00	0.000	0.0	0.2	93	80
760728	0.002	0.00	0.08	0.03	0.9	0.15	0.0	0.0	0.00	0.000	0.0	0.0	28	50
760429	0.000	0.00		0.05	0.5	0.15	0.3	0.0	0.00	0.000	0.0	0.2	35	80
760120	0.000	0.00	0.03	0.00	3.2	0.20	0.2	0.0	0.00	0.000	0.2	0.2	24	60
751006	0.000	0.00	0.00	0.00	0.7	0.15	0.0	0.0	0.00	0.000	0.0	0.3	28	75
750730	0.001	0.00	0.00	0.00	0.5	0.10	0.2	0.0	0.00	0.000	0.0	0.3	23	65
750401	0.000	0.00	0.00	0.00	5.4	0.10	0.1	0.0	0.00	0.000	0.0	0.5	13	55
750102	0.000	0.00	0.00	0.00	4.3	0.21	0.2	0.0	0.00	0.000	0.0	0.1	25	50
741001	0.000	0.00	0.00	0.00	4.8	0.23	0.0	0.0	0.00	0.000	0.0	0.2	17	50

B 04 WABASH RIVER
I-64 BRIDGE SOUTH OF GRAYVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROS-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	ABAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770428				0.00	0.000							
761029				0.00	0.010							
760728				0.08	0.005							
760429				0.00	0.000			0.10				
760120					0.010			0.20				
751006					0.010			0.20				
750730					0.000			0.60				
750401					0.000			0.50				
750102					0.000			0.30				
741217								0.10				
741119								0.30				
741001					0.000			0.50				

B 05 WABASH RIVER
BUSINESS US 50 AT VINCENNES INDIANA
LAB: MARION DISCHARGE DATA: 03343000 WABASH RIVER AT VINCENNES, IN
DRAINAGE AREA: 13706 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770630	2820	23.5	13.0	9.0	0.150		1000	0.10	0.7	600				
770517	7560	21.5	10.0	8.4	0.300	0.008	1000	0.10	4.5	617	0.0	0.6	0.000	0.01
770425	6000	14.5	11.8	8.6	0.150		100	0.10	1.5	633	0.0	0.7	0.000	0.01
770314	13400	11.5	9.7	7.9	0.350		540	0.60	3.8	550				
770222		3.5	12.0	7.7	0.300		0	1.30	1.5	667	0.0	0.3	0.000	0.00
761213	1650	3.0		8.8	0.150		0	0.10	1.4	800				
761118	2340	2.0	13.6	8.4	0.200	0.005	0	0.00	1.2	783	0.0	0.2	0.000	0.01
761025	3450	9.5	10.4	8.1	0.200		880	0.10	0.9	767				
760928	2420	19.0	8.8	8.2	0.300		80	0.20	0.0	633				
760823	2920	23.0	12.1	8.1	0.530	0.010	400	0.10	0.1	600	0.1	0.1	0.010	0.03

B 05 WABASH RIVER
BUSINESS US 50 AT VINCENNES INDIANA --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (UG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
760726	3620	27.0		8.6	0.350		0	0.25	0.7	500				
760614	3780	24.5	10.2	8.3	0.350		330	0.10	0.3	617				
760525	4450	20.0	12.1	8.1	0.100	0.015	40	0.15	1.0	600	0.0	0.2	0.000	0.02
760420	7240	21.0	12.5	8.4	0.250		60	0.05	1.5	633				
760309	40400	10.0	9.5	7.7	0.250		330	0.10	3.0	483				
760203	12500	0.0	14.2	8.0	0.340	0.006	160	0.45	2.7	600	0.0	0.2	0.010	0.02
760122	7580	1.0	12.7	8.1	0.140		550	0.60	3.3	733				
751216	14100	2.0	10.2	7.8	0.420		3600	0.45	3.0	550				
751104	4580	16.0	13.9	8.7	0.250	0.003	70	0.00	1.0	650	0.0	0.2	0.010	0.01
751007	4340	18.5	12.3	8.5	0.190		210	0.10	1.9	600				
750915	9910	20.5	8.0	7.9	0.220		1100	0.10	2.0	533				
750818	8980	25.5	5.9	8.1	0.240	0.006	4500	0.00	1.2	550	0.0	0.2	0.000	0.00
750724	9310	22.0	6.0	7.6	0.280		2000	0.15	2.2	483				
750616	17800	22.0	9.1	8.1	0.220		1600	0.04	5.7	550				
750515	11100	18.0	9.4	8.1	0.200	0.005	300	0.07	3.2	633	0.0	0.2	0.040	0.01
750428	28000	15.5	10.2	8.2	0.250		550	0.08	3.6	450				
750319	23500	4.0	11.7	7.9	0.160		210	0.08	3.7	567				
750227	45600	4.5	12.1	7.6	0.430	0.000	720	0.30	3.7	367	0.0	0.3	0.000	0.01
750107	16200	3.0	12.0	8.0	0.180		420	0.09	5.3	583				
741209	8950	2.0	10.8	8.0	0.150	0.000	890	0.18	2.2	550				
741028	4200	13.5	11.6	8.1	0.180	0.010	120	0.00	1.2	633	0.0	0.1	0.000	0.14
741021	3960	14.5	10.4	8.4	0.130	0.000	160	0.03	1.4	617				

B 05 WABASH RIVER
BUSINESS US 50 AT VINCENNES INDIANA --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770517	0.000	0.00	0.00	0.00	5.2	0.42	0.0	0.1	0.00	0.000	0.1	0.3	28	77
770425		0.00		0.00	1.0	0.11	0.0	0.0		0.000	0.0	0.2	29	90
770222	0.000	0.00		0.00	0.9	0.18	0.0	0.0	0.00	0.000	0.0	0.3	43	88
761118	0.002	0.00	0.06	0.00	0.4	0.18	0.0	0.0	0.00	0.000	0.0	0.3	40	70
760823	0.008	0.00	0.00	0.04	9.0	0.50	0.0	0.0	0.00	0.000	0.1	0.3	25	80
760525	0.000	0.00	0.00	0.30	0.8	0.27	0.0	0.0	0.00	0.000	0.0	0.3	28	65
760203	0.000	0.00	0.00	0.00	1.9	0.10	0.0	0.0	0.00	0.000	0.0	0.2	55	80
751104	0.000	0.00	0.00	0.00	1.0	0.15	0.3	0.0	0.00	0.000	0.0	0.3	31	69
750818	0.000	0.00	0.00	0.00	0.7	0.00	0.0	0.0	0.00	0.000	0.0	0.3	21	75
750515	0.002	0.00	0.00	0.00	2.0	0.22	0.0	0.0	0.00	0.000	0.0	0.3	20	75
750227	0.000	0.00	0.00	0.00	10.8	0.10	0.2	0.0	0.00	0.000	0.0	0.3	13	45
741028	0.000	0.00	0.00	0.05	1.8	0.21	0.0	0.0	0.00	0.000	0.0	0.4	24	90

B 05 WABASH RIVER
BUSINESS US 50 AT VINCENNES INDIANA --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFDE (S) (MG/L)	OIL & GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770517				0.00	0.005							
770425				0.00						285	180	
770222				0.00						270	190	
761118				0.06	0.005							
760823				0.00	0.010							
760525				0.00	0.020			0.20				
760203					0.010			0.20				
751104					0.000			0.20				
750818					0.000			0.10				
750515				0.00				0.30				
750227					0.000			0.30				
741209								0.30				
741028					0.000			0.20				
741021								0.20				

B 06 WABASH RIVER
INDIANA ROUTE 154 BRIDGE AT MUTSONVILLE
LAB: MARION DISCHARGE DATA: 03342000 WABASH RIVER AT RIVERTON, IN
DRAINAGE AREA: 13161 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770922	14600	23.0	11.8	8.0	0.190	0.005	4000	0.10	3.4	633	0.0	0.2	0.010	0.00
770822	7730	25.0	8.2	8.1	0.200		8900	0.10	3.2	567				
770719	2550	31.0	10.2	8.3	0.100		1700	0.10	0.4	517				
770628	2190	28.0	6.2	8.0	0.130	0.005	100	0.15	0.6	600	0.0	0.8	0.000	0.01
770524	4660	23.5	9.0	8.4	0.200		1700	0.05	2.8	650				
770425	5260	14.5	11.7	8.6	0.200		430	0.15	1.8	633	0.0	0.7	0.010	0.01
770329	22200	14.0	10.4	7.8	0.560		1500	0.25	3.7	517	0.1	0.3	0.000	0.02
770207	1350	0.5	13.9	8.1	0.200		180		1.0	817				
761213	1720	2.0		8.2	0.200	0.016	230	0.50	2.1	800	0.0	0.3	0.000	0.01
761117	2490	2.0	11.8	8.3	0.200		850	0.05	1.3	783				
761018	2610	14.0	13.0	8.5	0.330		10	0.15	0.8	750				
760927	2290	20.5	8.0	8.1	0.300	0.005	3100	0.20	0.7	642	0.0	0.3	0.020	0.01
760817	3500	26.0	5.1	7.8	0.220		10	0.30	0.3	567				
760720	4630		8.2	8.1	0.140		10	0.20	2.9	583				
760621	5240	24.5	7.0	7.7	0.400		8700	0.15	5.3	567	0.1	0.6	0.010	0.02
760518	5400	19.0	13.0	8.4	0.150		0	0.00	1.4	633				
760419	6760	21.5	12.8	8.3	0.200		30	0.00	1.6	617				
760309	42000	8.5	10.7	7.6	0.300		800	0.00	8.0	483	0.0	0.2	0.000	0.00
760203	11100	1.0	13.7	8.1	0.300		80	0.50	2.3	583				
760122	6790	3.0	12.5	8.1	1.800		400	0.60	3.1	783				
751208	11500	4.0	11.2	7.9	0.220	0.000	270	0.30	2.9	633	0.0	0.5	0.000	0.00
751104	4500		10.4	8.3	0.210		100	0.05	1.3	667				
751015	4750	18.0	7.6	8.5	0.200		790	0.10	1.6	683				
750908	7140	25.0	8.2	8.0	0.190	0.004	1800	0.20	1.9	550	0.1	0.2	0.020	0.01
750811	4970	23.5	7.7	8.3	0.310		5200	0.00	0.9	567				
750715	6040	24.5	10.0	8.3	0.150	0.000	860	0.10	2.6	617	0.0	0.1	0.010	0.01
750624	21700	25.5	6.0	7.8	0.400	0.005	600	0.10	5.0	500	0.0	0.2	0.010	0.07
750515	9270	18.0	10.2	8.3	0.150		440	0.05	3.3	633				
750428	23500	15.5	8.4	7.8	0.310		680	0.23	4.8	500				
750224	38300	1.0	12.1	7.7	0.450		1100	0.20	3.2	400				
750107	12600	3.5	11.7	8.0	0.170		1600	0.12	5.3	583				
741209	6570	3.0	10.8	8.0	0.120	0.000	690	0.11	2.3	617	0.0	0.3	0.000	0.00
741028	3990	16.0	9.7	7.8	0.150	0.010	20	0.00	1.6	1500				
741021	3890	14.0	10.8	7.9	0.150	0.000	490	0.00	1.4	650				

B 06 WABASH RIVER
INDIANA ROUTE 154 BRIDGE AT MUTSONVILLE --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770922	0.002	0.00	0.00	0.00	1.6	0.10	0.0	0.0	0.00	0.000	0.0	0.2	27	70
770628	0.000	0.00	0.00	0.02	0.4	0.17	0.0	0.0	0.00	0.000	0.0	0.3	30	92
770425		0.00		0.00	1.1	0.07	0.0	0.0		0.000	0.0	0.3	30	80
770329		0.00	0.00	0.01	5.8	0.52	0.0	0.0		0.000	0.0	0.2	24	72
761213	0.001	0.00	0.00	0.02	0.3	0.18	0.0	0.0	0.00	0.000	0.0	0.3	45	112
760927	0.003	0.00	0.02	0.06	0.6	0.40		0.0	0.00	0.000	0.1	0.3	34	75
760621	0.002	0.00	0.00	0.05	2.6	0.20	0.0	0.0	0.00	0.000	0.0	0.3	25	50
760309	0.000	0.00	0.02	0.03	2.8	0.12	0.0	0.0	0.00	0.020	0.0	0.2	18	50
751208	0.000	0.00	0.00	0.00	1.1	0.10	0.0	0.0	0.00	0.000	0.0	0.2	29	70
750908	0.001	0.00	0.00	0.03	1.5	0.20	0.0	0.0	0.00	0.000	0.1	0.3	20	52
750715	0.001	0.00	0.00	0.03	0.7	0.13	0.0	0.0	0.00	0.000	0.0	0.3	21	67
750624	0.005	0.00	0.00	0.20	4.3	0.25	0.0	0.0	0.00	0.000	0.0	0.3	19	50
741209	0.000	0.00	0.00	0.00	1.2	0.13	0.0	0.0	0.00	0.000	0.0	0.2	25	95

B 06 WABASH RIVER
INDIANA ROUTE 154 BRIDGE AT HUTSONVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO- GEN (MG/L)	SUS- PENDED SOLIDS (MG/L)	CHROM- IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD- NESS (CACO3) (MG/L)	ALKA- LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770922				0.00	0.012							
770628				0.00	0.000							
770425				0.00						485	185	
770329				0.00						240	140	
761213				0.00	0.000							
760927				0.02	0.015							
760621				0.00	0.010							
760309				0.02	0.020			0.30				
751208					0.005			0.30				
750908								0.30				
750715					0.000			0.20				
750624					0.000			0.40				
741209					0.000			0.50				
741028								0.30				
741021								0.20				

BC 01 BONPAS CREEK
ROUTE 1 BRIDGE NORTHEAST OF GRAYVILLE
LAB: MARION DISCHARGE DATA: 03378000 BONPAS CREEK AT BROWNS, IL,
DRAINAGE AREA: 228 RATIO: 1.14

DATE	DIS- CHARGE (CFS)	TEMP- ERA- TURE DEG/C	DIS- SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS- PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO- GEN (MG/L)	NO3+NO2 NITRO- GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770628	782	23.5	5.0	7.6	0.360	0.005	70000	0.40	4.1	317	0.1	1.9	0.032	0.03
770517	10	21.0	6.2	7.8	0.100		800	0.65	1.8	817				
770426	34	14.0	7.6	8.7	0.150		510	0.30	0.9	967	0.0	0.8	0.010	0.01
770314	637	11.5	7.5	7.5	0.410		1100	0.40	1.2	350				
770222	28	0.5	10.7	7.2	0.100		30	0.60	1.6	667	0.0	0.2	0.000	0.01
761213	1.0	2.0	9.9	7.6	0.350	0.011	100	0.40	0.9	850	0.0	0.3	0.000	0.00
761118	0.87	1.5	2.9	7.8	0.150		60	0.05	0.5	933				
761025	12	8.5	4.8	7.1	0.900		98000	0.10	0.7	383				
760930	3.4	16.0	3.8	7.4	0.100	0.005	2900	0.25	0.6	783	0.0	0.3	0.010	0.01
760824	1.3	27.0	8.0	7.7	0.230		2900	0.10	0.2	817				
760727	13	25.5	4.4	7.5	0.400		6800	0.35	1.0	333				
760614	8.3	25.0	6.6	7.7	0.250	0.010	0	0.35	5.0	900	0.0	0.2	0.020	
760525	3.6	16.5		7.7	0.150		30	0.20	1.6	900				
760426	20	11.0	6.7	7.7	0.250		5000	0.35	0.2	950				
760310	92	8.0	9.8	7.6	0.150	0.000	410	0.05	1.0	700	0.0	0.2	0.000	0.00
760203	39		14.0	7.8	0.160		20	0.25	1.7	800				
760122	26	0.0	12.7	7.8	0.400		60	0.40	1.5	833				
751216	973	2.0	9.6	7.1	0.850	0.001	24000	0.60	1.6	267	0.0	0.7	0.000	0.01
751104	4.9		4.8	7.7	0.130		310	0.05	0.6	833				
751007	0.36	19.0	7.8	7.9	0.100		660	0.05	1.8	617				
750915	11	16.5	6.3	7.2	0.260	0.013	6700	0.40	0.6	267	0.0	0.1	0.010	0.01
750818	37	24.5	4.6	7.4	0.310		6100	0.20	0.9	200				
750728	3.7	26.0	4.0	7.5	0.200	0.006	850	0.10	1.0	517	0.0	0.3	0.000	0.00
750616	8.8	21.5	6.4	7.9	0.160	0.005	210	0.09	2.2	800	0.0	0.2	0.000	0.00
750519	21	19.5	5.5	7.1	0.150		630	0.20	1.5	900				
750429	1600	17.0	6.0	7.4	0.310		250	0.27	1.1	217				
750320	1630	8.0	9.7	7.3	0.200	0.000	920	0.20	1.2	267	0.0	0.4	0.010	0.01
750226	3250	1.5	11.0	7.0	0.500		700	0.40	1.0	158				
750108	417	3.5	10.9	7.5	0.150		490	0.06	1.6	617				
741210	628	3.0	10.8	7.4	0.240	0.010	1700	0.10	1.7	383	0.0	0.2	0.000	0.00
741119	76	17.0	9.0	7.6	0.250	0.005	20000	0.12	1.8	717				
741024	4.8	11.0	5.0	7.6	0.180	0.005	970	0.03	0.9	783				

BC 01 BONPAS CREEK
ROUTE 1 BRIDGE NORTHEAST OF GRAYVILLE --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770628	0.002	0.00	0.00	0.02	8.4	0.72	0.0	0.0	0.00	0.000	0.1	0.3	35	37
770426		0.00		0.00	1.7	0.45	0.0	0.0		0.000	0.0	0.2	125	113
770222	0.001	0.00		0.00	0.9	0.45	0.0	0.0	0.00	0.000	0.0	0.2	90	80
761213	0.002	0.00	0.00	0.00	0.9	0.45	0.0	0.0	0.00	0.000	0.0	0.2	120	50
760930	0.001	0.00	0.05	0.00	1.0	0.95	0.0	0.1	0.00	0.000	0.0	0.2	104	25
760614	0.000	0.00	0.00	2.66	2.2	0.55	0.0	0.0	0.00	0.000	0.8	0.3	90	75
760310	0.000	0.00	0.05	0.03	2.1	0.50	0.0	0.0	0.00	0.020	0.0	0.2	63	125
751216	0.000	0.00	0.00	0.02	11.0	0.40	0.1	0.0	0.00	0.000	0.0	0.3	45	30
750915	0.001	0.00	0.00	0.00	5.0	0.80	0.0	0.0	0.00	0.000	0.1	0.2	26	29
750728	0.001	0.00	0.00	0.03	2.8	0.86	0.2	0.0	0.00	0.000	0.0	0.3	40	26
750616	0.000	0.00	0.00	0.00	2.4	0.56	0.0	0.0	0.00			0.3	82	50
750320	0.000	0.00	0.00	0.00	5.9	0.25	0.0	0.0	0.00	0.000	0.0	0.3	22	50
741210	0.000	0.00	0.00	0.00	3.0	0.16	0.0	0.0	0.00	0.000	0.0	0.2	35	40

BC 01 BONPAS CREEK
ROUTE 1 BRIDGE NORTHEAST OF GRAYVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770628				0.00	0.000							
770426				0.00						290	150	
770222				0.01						205	95	
761213				0.00	0.000							
760930				0.05	0.005							
760614				0.00	0.020							
760310				0.05	0.020			0.20				
751216				0.00	0.010			0.00				
750915					0.000			0.20				
750728					0.000			0.40				
750616					0.000			0.40				
750320					0.000			0.10				
741210					0.000			0.30				
741119								0.30				
741024								0.40				

BE 01 EMBARRAS RIVER
TOWNSHIP ROAD 1 MILE EAST OF BILLET
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770928		22.0	8.6	7.4	0.320		1400	0.15	0.7	317				
770823		23.5	7.0	7.7	0.200		3200	0.15	0.6	367				
770725		26.0	6.1	7.5	0.350		10000	0.20	0.3	500				
770630		22.0	5.2	7.7	0.130		2500	0.25	1.9	550				
770517		21.5	8.1	7.9	0.200		1900	0.15	7.7	583				
770426		14.5	8.3	7.8	0.300	0.005	4300	0.60	1.8	433	0.0	0.8	0.020	0.00
770318		12.0	6.4	7.7	1.050		2300	0.70	1.2	400				
770222		3.0	11.6	7.4	0.300	0.007	270	0.80	1.0	667	0.0	0.3	0.010	0.00
761213		2.0		8.1	0.200		1700	0.50	0.4	1083				
761118		2.0	14.5	8.2	0.200		600	0.30	0.2	1000				
761025		8.5	8.7	7.7	0.250	0.020	5300	0.20	0.2	1000	0.1	0.1	0.000	0.01
760930		16.0	7.0	7.7	0.300		15000	0.35	0.2	917				
760824			6.6	7.8	0.340		6500	0.20	0.1	750				
760727		26.5	7.3	7.9	0.300	0.005	700	0.15	0.5	483	0.0	0.2	0.020	0.01
760614		25.0	9.1	8.3	0.300		17000	0.10	0.0	617				
760525		20.5	15.9	8.4	0.200		0	0.05	0.3	617				
760426		11.5	11.7	8.6	0.100	0.005	620	0.00	1.1	667	0.0	0.2	0.000	0.00
760310		8.5	9.0	7.4	0.400		530	0.10	2.0	333				
760203			13.4	7.9	0.680		2200	0.25	2.5	600				
760122		0.5	13.0	8.0	0.150	0.003	800	0.40	2.9	667	0.1	0.3	0.010	0.01

RE 01 EMBARRAS RIVER
TOWNSHIP ROAD 1 MILE EAST OF BILLET --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
750818		26.0	6.0	8.4	0.320		9400	0.20	0.6	267				
750728		26.0	6.5	7.9	0.310		8500	0.05	1.7	467				
750616		22.0		8.0	0.370		3500	0.19	4.7	467				
750519		21.0	7.7	7.7	0.250		4000	0.07	4.7	567				
750429		17.0	7.6	7.7	0.260	0.005	390	0.22	4.3	367	0.0	0.2	0.000	0.02
750320		4.0	10.7	7.7	0.200		1800	0.20	2.3	367				
750226		4.5	11.5	7.2	0.470		550	0.40	1.1	150				
750108		3.5	11.5	7.9	0.160	0.005	1900	0.05	3.2	533	0.0	0.1	0.000	0.00
741210		2.0	11.1	7.5	0.270	0.005	2100	0.10	1.8	517				
741119		16.5	10.7	7.2	0.160	0.005	800	0.09	2.0	533				
741024		12.0	10.8	7.8	0.150	0.000	3600	0.00	0.5	617	0.0	0.0	0.000	0.22

RE 01 EMBARRAS RIVER
TOWNSHIP ROAD 1 MILE EAST OF BILLET --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770426	0.000	0.00	0.00	0.00	4.5	0.27	0.0	0.0	0.00	0.000	0.0	0.2	33	43
770222	0.000	0.00	0.00	0.01	0.9	0.30	0.0	0.0	0.00	0.000	0.0	0.2	90	55
761025	0.002	0.00	0.03	).00	1.6	0.72	0.0	0.0	0.00	0.000	0.0	0.1	130	60
760727	0.002	0.00	0.10	0.04	1.4	0.40	0.0	0.0	0.00	0.000	0.0	0.3	43	30
760426	0.000	0.00	0.00	0.02	1.9	0.25	0.1	0.0	0.00	0.000	0.0	0.2	60	60
760122	0.000	0.00	0.01	0.00	1.3	0.15	0.0	0.0	0.00	0.000	0.0	0.2	38	50
750429	0.000	0.00	0.00	0.05	3.6	0.03	0.0	0.0	0.00	0.000	0.0	0.2	18	38
750108	0.000	0.00	0.00	0.00	1.3	0.12	0.0	0.0	0.00	0.000	0.0	0.1	30	50
741024	0.000	0.00	0.00	0.57	1.0	0.28	0.0	0.0	0.00	0.000	0.1	0.2	42	35

RE 01 EMBARRAS RIVER
TOWNSHIP ROAD 1 MILE EAST OF BILLET --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	ABAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770426				0.00	0.000					170	115	
770222				0.00	0.010					180	120	
761025				0.03	0.005							
760727				0.10	0.000							
760426				0.00	0.000			0.20				
760122					0.020			0.20				
750429				0.00	0.000			0.30				
750108					0.000							
741210								0.20				
741119								0.30				
741024					0.000			0.20				

RE 02 EMBARRAS RIVER
CHAUNCY-BIRDS ROAD BRIDGE NORTHWEST OF LAWRENCEVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770630		24.0	5.3	8.1	0.160		200	0.30	2.0	383				
770528		24.0	10.0	8.4	0.200		90	0.00	5.4	667				
770426		15.0	8.2	8.0	0.300	0.005	4100	0.35	1.4	433	0.0	0.9	0.000	0.01
770314		7.0	7.6	7.6	0.920		960	0.70	1.0	350				
770222		1.5	11.6	7.4	0.300	0.005	10	0.75	0.9	617	0.0	0.2	0.010	0.02
761213		1.5		8.1	0.100		0	0.00	0.0	833				

BE 02 EMBARRAS RIVER
CHAUNCY-BIRDS ROAD BRIDGE NORTHWEST OF LAWRENCEVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
761118		1.5	13.0	8.1	0.100		10	0.10	0.0	767				
761025		8.5	8.5	7.6	0.200	0.024	1800	0.05	0.2	900	0.2	0.2	0.000	0.00
760928		16.5	9.1	8.1	0.250		90	0.20	0.0	625				
760823		26.5	8.1	7.8	0.350		1300	0.10	0.0	883				
760727		26.5	8.2	8.1	0.300	0.005	1800	0.15	0.3	400	0.0	0.1	0.040	0.01
760615		25.5	7.2	8.1	0.350		20	0.10	0.1	583				
760518		19.5	11.2	8.2	0.150		210	0.00	1.5	667				
760420		21.5	12.3	8.6	0.300	0.000	30	0.10	0.9	583	0.1	0.1	0.000	0.01
760309		9.0	9.0	7.5	0.450		510	0.10	2.0	317				
760203		0.0	13.7	7.8	0.260		10	0.25	2.9	600				
751216		1.0	9.9	7.3	0.900		17000	0.65	2.1	417				
751104		15.5	11.5	8.4	0.260		30	0.00	2.0	1350				
751015		18.5	9.8	8.1	0.300	0.006	200	0.05	2.4	683	0.1	0.2	0.000	0.01
750915		20.0	8.3	7.6	0.260		1100	0.10	0.8	383				
750811		22.0	8.9	8.4	0.390		120	0.00	0.0	500				
750728		26.0	6.2	8.0	0.290		350	0.05	1.8	467				
750616		23.0	8.2	8.0	0.360		990	0.10	5.1	500				
750515		18.0	8.3	9.7	0.450		3600	0.05	3.3	383				
750428		16.0	6.9	7.5	0.270	0.005	240	0.20	3.4	317	0.0	0.2	0.010	0.00
750319		3.5	10.3	7.8	0.300		600	0.10	2.3	400				
750224		1.0	10.8	7.2	0.500		870	0.40	1.1	167				
750107			12.0	8.1	0.180	0.005	310	0.05	3.5	533	0.0	0.1	0.000	0.00
741210		0.5	11.0	7.6	0.230	0.005	950	0.09	1.6	350				
741028		13.0	11.1	7.8	0.160	0.005	100	0.00	0.0	633				
741022		8.5	10.1	8.0	0.190	0.005	280	0.00	0.4	617	0.0	0.0	0.000	0.07

BE 02 EMBARRAS RIVER
CHAUNCY-BIRDS ROAD BRIDGE NORTHWEST OF LAWRENCEVILLE --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770426	0.001	0.00	0.02	0.02	3.9	0.25	0.0	0.0	0.00	0.000	0.0	0.2	33	45
770222	0.002	0.00	0.00	0.00	0.7	0.25	0.0	0.0	0.00	0.000	0.0	0.2	75	50
761025	0.000	0.00	0.02	0.00	2.9	0.58	0.0	0.0	0.00	0.000	0.0	0.1	130	45
760727	0.001	0.00	0.10	0.05	1.6	0.42	0.0	0.0	0.00	0.000	0.0	0.3	22	25
760420	0.003	0.00	0.00	0.05	1.5	0.30	0.1	0.0	0.00	0.000	0.0	0.2	45	45
751015	0.000	0.00	0.00	0.00	0.6	0.05	0.0	0.0	0.00	0.000	0.0	0.3	38	72
750428	0.000	0.00	0.00	0.03	3.0	0.08	0.0	0.0	0.00	0.000	0.0	0.2	17	40
750107	0.000	0.00	0.00	0.00	1.2	0.10	0.0	0.0	0.00	0.000	0.0	0.1	25	60
741022	0.000	0.00	0.00	0.08	0.9	0.25	0.0	0.0	0.00	0.000	0.2	0.2	45	35

BE 02 EMBARRAS RIVER
CHAUNCY-BIRDS ROAD BRIDGE NORTHWEST OF LAWRENCEVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	HBAS (MG/L)	HOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770426				0.02	0.000					150	110	
770222				0.00	0.010					185	130	
761025				0.02	0.005							
760727				0.10	0.000							
760420				0.00	0.000			0.30				
751015					0.000			0.20				
750428				0.00	0.000			0.20				
750107					0.000							
741210								0.20				
741028								0.10				
741022					0.000			0.20				

BE 06 EMBARRAS RIVER
ROUTE 16 BRIDGE 4 MILES EAST OF CHARLESTON
LAB: CHAMPAIGN DISCHARGE DATA: 03344000 EMBARRAS RIVER NEAR DIONA, IL
DRAINAGE AREA: 919 RATIO: 0.79

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770524	239		7.2	8.3	0.140		230	0.07	11.0	600				
761014	9.4	17.0	6.2	7.6	11.000	0.007	900	3.50	6.7	783	0.0	0.5	0.000	0.05
760603	179		6.7	7.9	0.530		4500	0.28	6.4	800				
760419	228			8.0	0.010	0.000	250	0.02	9.7	617	0.1	0.7	0.000	0.05
760304	1130		10.0	8.2	0.320		1200	0.08	8.2	683				
760123	260		13.8	8.0	0.310	0.000	240	0.20	8.5	650	0.0	0.4	0.000	0.00
760116	371	3.5	11.8		1.000		50	2.60	5.7	1150				
751112	150	9.5	8.1	8.1	3.900		80	8.80	3.3	833				
751006	64	12.0	8.7	8.3	0.250	0.000	70	0.10	3.3	717	0.1	0.3	0.000	0.00
750925	157	15.5	9.7	8.6	0.050		370	0.04	3.8	717				
750729	224	26.5	7.2	8.7	0.040	0.000	80	0.02	1.9	717	0.1	0.3	0.000	0.00
750606	1320			8.1	0.350		4600	0.27	7.5	500				
750515	672	15.0	10.0	8.6	0.250		760	0.06	8.9	583				
750502	963	15.0	9.4	8.2	0.360	0.000	340	0.12	8.7	617	0.0	0.1	0.000	0.00
750408	608	9.5	11.7	8.2	0.190		70	0.09	9.4	567				
750314	1060			8.2	0.350		200	0.48	7.3	617				
750207	1580		14.0	8.1	0.300		340	0.20	7.6	633				
750123	620	1.0	13.6	8.2	0.360	0.000	240	0.40	6.7	700				
741203	178	2.0	11.6	8.2	0.180	0.000	5300	0.00	4.5	783				
741107	163	10.5	7.0	7.9	0.310	0.000	90	0.00	0.2	783				
741004	64	11.0	9.4	8.2	0.150	0.000	280	0.00	2.2	700				

BE 06 EMBARRAS RIVER
ROUTE 16 BRIDGE 4 MILES EAST OF CHARLESTON --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
761014	0.000	0.00	0.00	0.00	0.6	0.21	0.1	0.0	0.00	0.000	0.0	1.1	97	91
760419	0.000	0.00	0.00	0.01	0.1	0.02	0.0	0.0	0.00	0.000	0.0	0.2	22	47
760123	0.000	0.00	0.00	0.00	0.2	0.03	0.1	0.0	0.00	0.000	0.0	0.2	18	48
751006	0.000	0.00	0.00	0.00	0.4	0.08	0.0	0.0	0.00	0.000	0.0	0.3	30	53
750729	0.002	0.00	0.00	0.05	0.3	0.06	0.0	0.0	0.00	0.000	0.0	0.3	15	124
750502	0.000	0.00	0.00	0.00	1.0	0.10	0.0	0.0	0.00	0.000	0.0	0.3	27	78

BE 06 EMBARRAS RIVER
ROUTE 16 BRIDGE 4 MILES EAST OF CHARLESTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
761014				0.00								
760419				0.00	0.000							
760123				0.00								
751006				0.00	0.000							
750729				0.00	0.000							
750502				0.00	0.000							
750123								0.90				
741203								0.90				
741107								0.40				

BR 07 EMBARRAS RIVER
COUNTY ROAD BRIDGE AT STE. MARIE SOUTHEAST OF NEWTON
LAB: MARION DISCHARGE DATA: 03345500 EMBARRAS RIVER AT STE. MARIE, IL
DRAINAGE AREA: 1516 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100 ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770926	513	21.0	9.4	7.3	0.420	0.006	4500	0.10	1.0	267	0.0	0.2	0.000	0.02
770822	129	23.5	11.2	8.1	0.300		6100	0.35	1.0	450				
770719	127	30.5	12.4	8.5	0.150		180	0.05	0.1	517				
770627	150	25.5	11.6	9.8	0.070	0.005	920	0.10	0.2	900	0.0	0.4	0.000	0.01
770509	3750	19.0	8.9	7.7	0.190		2200	0.20	7.2	317				
770412	674	20.5	11.1	8.3	0.150		60	0.05	5.7	600	0.1	0.7	0.000	0.00
770328	5140	14.5	8.2	7.5	0.890		7400	0.35	1.7	233	0.2	0.4	0.000	0.03
770222	250	3.5	12.2	7.7	0.400		20	0.90	0.9	567	0.0	0.3	0.010	0.01
761214	25	0.5		7.6	0.250	0.000	10	0.10	1.1	783	0.0	0.2	0.000	0.00
761117	27	1.5	16.7	8.3	0.200		0	0.05	0.0	700				
761019	30	6.5	12.5	8.1	0.270		110	0.00	0.1	717				
760921	30	18.0	10.2	8.1	0.200	0.000	190	0.00	0.2	633	0.0	0.1	0.020	0.01
760810	120	23.5	13.0	8.3	0.250		350	0.00	0.0	583				
760712	178	24.0	11.3	8.5	0.200			0.00	3.0	533				
760608	223	21.0	16.6	8.2	0.250	0.005	760	0.10	0.3	583	0.0	0.1	0.010	0.01
760512	237	19.0	14.2	8.3	0.300		10	0.00	1.1	567				
760405	823	13.5	10.9	7.9	0.050		0	0.00	5.0	683				
760323	1210	9.5	11.2	8.0	0.200	0.010	460	0.00	3.0	600	0.1	0.3	0.000	0.02
760203	497	0.0	13.7	8.0	0.240		70	0.15	4.3	633				
760122	600	1.0	13.2	8.1	0.100	0.002	450	0.30	3.9	700	0.1	0.3	0.010	0.01
751201	3000	5.5	8.8	7.4	0.430	0.010	10000	0.70	1.6	267	0.0	0.6	0.000	0.03
751104	180	15.0	9.9	8.3	0.280		980	0.00	2.3	650				
751020	247	14.5	10.9	7.5	0.250		970	0.00	4.0	633				
750902	753	26.0	7.3	7.8	0.340	0.005	2200	0.20	1.3	483	0.0	0.2	0.020	0.02
750804	611	23.5	8.4	8.3	0.800		83000	0.00	0.6	500				
750723	4760	23.5	5.5	7.1	0.420	0.005	5600	0.20	1.6	283	0.0	0.0	0.000	0.03
750630	1280	25.5	7.1	7.9	0.370	0.000	800	0.05	6.8	550	0.0	0.2	0.010	0.01
750514	2000	18.0	9.4	7.9	0.400		3200	0.07	8.4	467				
750422	992	12.0	7.9	8.0	0.300		1000	0.07	5.3	633				
750305	1770	1.0	12.5	7.4	0.090	0.000	60	0.10	6.1	600	0.0	0.2	0.000	0.00
750219	3000	0.5	12.8	7.9	0.160		580	0.20	4.8	500				
741203	711	3.0	12.2	8.1	0.180	0.005	1400	0.10	2.4	667	0.0	0.0	0.000	0.00
741028	157	13.5	14.5	8.1	0.170	0.005	500	0.00	0.1	633				
741007	229	14.0	10.5	8.0	0.120	0.005	590	0.05	1.1	617				

BR 07 EMBARRAS RIVER
COUNTY ROAD BRIDGE AT STE. MARIE SOUTHEAST OF NEWTON --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770926	0.002	0.00	0.02	0.04	4.0	0.35	0.0	0.0	0.00	0.000	0.0	0.1	21	18
770627	0.000	0.00	0.00	0.00	0.6	0.28	0.0	0.0	0.00	0.000	0.0	0.3	90	68
770509												0.2		
770412	0.000	0.00		0.00	0.5	0.14	0.2	0.0	0.00	0.000	0.0	0.2	33	63
770328	0.001	0.00	0.00	0.02	6.8	0.87	0.0	0.0	0.00	0.000	0.0	0.2	20	29
770222	0.001	0.00		0.00	0.9	0.28	0.4	0.0	0.00	0.000	0.0	0.2	47	50
761214	0.000	0.00	0.00	0.00	0.6	1.00	0.0	0.0	0.00	0.000	0.3	0.3	50	96
760921	0.001	0.00	0.03	0.02	0.6	0.50	0.0	0.0	0.00	0.010	0.0	0.4	30	50
760608	0.000	0.00	0.00	0.03	1.4	0.40	0.0	0.0	0.00	0.000	0.0	0.3	35	25
760323	0.001	0.00	0.02	0.02	2.5	0.15	0.2	0.0	0.00	0.000	0.0	0.2	23	40
760122	0.000	0.00	0.00	0.00	1.1	0.07	0.0	0.0	0.00	0.000	0.0	0.2	28	50
751201	0.002	0.00	0.00	0.00	5.9	0.97	0.2	0.0	0.00	0.000	0.0	0.5	65	60
750902	0.000	0.00	0.00	0.00	3.7	0.55	0.0	0.0	0.00	0.000	0.0	0.3	35	37
750723	0.002	0.00	0.00	0.00	7.7	0.30	0.0	0.0	0.00	0.000	0.0	0.3	10	15
750630	0.000	0.00	0.00	0.00	3.6	0.20	0.0	0.0	0.00	0.000	0.0	0.3	17	50
750305	0.000	0.00	0.00	0.00	2.0	0.10	0.0	0.0	0.00	0.000	0.0	0.2	18	55
741203	0.000	0.00	0.00	0.00	0.8	0.05	0.0	0.0	0.00	0.000	0.0	0.2	35	65

BE 07 EMBARRAS RIVER
COUNTY ROAD BRIDGE AT STE. MARIE SOUTHEAST OF NEWTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770926				0.02	0.008							
770627				0.00	0.000							
770412				0.00						290	205	
770328				0.00						110	56	
770222				0.00						210	160	
761214				0.00	0.000							
760921				0.03	0.000							
760608				0.00	0.020							
760323				0.02	0.000			0.40				
760122					0.020			0.60				
751201					0.010			0.00				
750902					0.005			0.20				
750723					0.000			0.30				
750630					0.000			0.50				
750305					0.000			0.40				
741203					0.000			0.20				
741028								0.10				
741007								0.20				

BE 08 EMBARRAS RIVER
TOWNSHIP ROAD BRIDGE 4 MILES WEST OF HIDALGO
LAB: MARION DISCHARGE DATA: 03345500 EMBARRAS RIVER AT STE. MARIE, IL
DRAINAGE AREA: 1516 RATIO: 0.83

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770509	3110	19.0	10.5	7.7	0.780		1500	0.30	7.0	283				
770418	451	20.5	11.9	8.4	0.250	0.000	0	0.05	4.3	583	0.0	0.4	0.000	0.01
770222	207	1.0	11.6	7.7	0.500	0.010	20	1.20	1.1	567	0.0	0.3	0.020	0.00
761214	20	1.0		8.3	0.450		4300	0.25	1.3	717				
761117	22	1.0	13.6	7.9	0.350		0	0.00	0.5	717				
761019	24	8.0	11.8	8.1	0.250	0.000	70	0.00	0.4	700	0.1	0.2	0.000	0.00
760921		18.0	7.2	7.9	0.200		670	0.15	0.5	683				
760810	99	23.5	11.8	8.1	0.300		0	0.00	0.6	567				
760712	147	25.5		8.6	0.100	0.000	70	0.10	2.0	400	0.0	0.4	0.010	0.00
760608	185	21.0	13.0	8.3	0.250		400	0.15	1.6	650				
760512	196	19.5	15.6	8.4	0.250		30	0.10	1.8	583				
760405	683	13.0	11.5	8.1	0.200	0.005	40	0.00	6.0	667	0.0	0.3	0.010	0.00
760323	1000	10.5	10.9	8.1	0.200		340	0.00	6.0	617				
760203	412	0.0	14.1	8.1	0.220		10	0.15	6.2	633				
760122	497	0.0	13.4	8.1	0.370	0.002	20	0.30	4.3	700	0.0	0.3	0.010	0.01
751201	2490	5.0	11.8	7.8	0.900		9800	0.25	3.1	467				
751108	149	15.0	8.9	8.2	0.330		110	0.00	2.5	667				
751020	205	15.0	10.4	8.0	0.220	0.070	120	0.00	4.3	650	0.0	0.2	0.000	0.00
750902	62	28.0	7.0	7.9	0.330		2000	0.15	1.3	367				
750804	34	23.0	8.2	8.3	0.200		750	0.00	1.7	550				
750723	39	24.0	6.5	7.0	0.320		1100	0.10	2.5	400				
750630	10	25.5	7.7	8.0	0.350		3000	0.05	7.4	583				
750514	16	18.0	8.9	8.0	0.250		1700	0.05	6.1	550				
750407	11	9.5	11.5	8.1	0.130	0.005	50	0.03	6.2	600	0.0	0.1	0.000	0.00
750305	14	1.5	13.0	8.0	0.110		30	0.05	6.6	583				
750219	24	0.5	12.5	7.9	0.140		400	0.20	5.4	550				
741209	14	1.5	11.8	8.0	0.280	0.005	450	0.08	3.5	533				
741028	1.3	13.5	14.3	8.1	0.260	0.005	260	0.00	0.4	633				
741007	1.9	15.0	11.3	8.1	0.200	0.005	210	0.00	1.7	617	0.0	0.1	0.000	0.00

BE 08 EMBARRAS RIVER
TOWNSHIP ROAD BRIDGE 4 MILES WEST OF HIDALGO --CONTINUED

DATE	ARSENIC (UG/L)	HEX CHROM-IUM (UG/L)	TRI CHROM-IUM (UG/L)	COPPER (UG/L)	TOTAL IRON (UG/L)	MANG-ANESE (UG/L)	MERCURY (UG/L)	NICKEL (UG/L)	SEL-ENIUM (UG/L)	SILVER (UG/L)	ZINC (UG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770418	0.000	0.00	0.00	0.02	1.0	0.13	0.0	0.0	0.00	0.000	0.0	0.2	36	63
770222	0.002	0.00	0.00	0.00	0.7	0.25	0.0	0.0	0.00	0.000	0.0	0.2	45	48
761019	0.002	0.00	0.02	0.00	0.7	0.16	0.0	0.0	0.00	0.000	0.0	0.4	37	31
760712	0.000	0.00	0.00	0.02	0.9	0.25	0.0	0.0	0.00	0.000	0.0	0.2	23	40
760805	0.000	0.00	0.00	0.05	0.7	0.10	0.0	0.0	0.00	0.000	0.0	0.2	23	40
760122	0.000	0.00	0.00	0.00	0.3	0.05	0.0	0.0	0.00	0.000	0.0	0.2	25	40
751020	0.000	0.00	0.00	0.00	0.8	0.12	0.0	0.0	0.00	0.000	0.0	0.2	23	35
750407	0.000	0.00	0.00	0.00	1.5	0.10	0.0	0.0	0.00	0.000	0.0	0.2	18	50
741007	0.000	0.00	0.00	0.00	0.5	0.17	0.0	0.0	0.00	0.000	0.0	0.2	22	50

BE 08 EMBARRAS RIVER
TOWNSHIP ROAD BRIDGE 4 MILES WEST OF HIDALGO --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	PHAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770418				0.00	0.000					260	155	
770222				0.00	0.010					210	165	
761019				0.02	0.005							
760712				0.00	0.005							
760805				0.00	0.010			0.30				
760122					0.010			0.50				
751020					0.000			0.20				
750407					0.000			0.40				
741209								0.50				
741028								0.10				
741007					0.000			0.30				

BE 09 EMBARRAS RIVER
RYAN BRIDGE COUNTY ROAD 9 MILES SOUTH OF CHARLESTON
LAB: CHAMPAIGN DISCHARGE DATA: 03344000 EMBARRAS RIVER NEAR DIONA, IL
DRAINAGE AREA: 919 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770719	41	29.0	5.4	8.1	0.100		70	0.20	2.5	483				
770524	303			8.3	0.470		90	0.39	11.0	683				
770419	306	21.5	9.8	8.6	0.230	0.000	40	0.01	5.8	617	0.1	0.2	0.000	0.01
770303	209	3.5	12.5	8.0	1.000	0.000	50	1.60	2.9	767	0.1	0.6	0.000	0.00
761021	11	11.5	9.3	8.1	3.400	0.009	70	0.01	2.1	967	0.1	0.9	0.000	0.02
760603	227		9.7	7.9	0.520		3700	0.26	6.4	783				
760504	179			8.1	2.400	0.000		2.10	6.8	733	0.1	0.6	0.000	0.00
760304	1430		11.2	8.2	0.310		250	0.09	8.2	683				
760127	1160	0.0	13.1	8.3	0.290	0.000	12500	0.76	4.1	767	0.1	0.3	0.000	0.00
751030	181	12.0	9.8	8.6	0.570		30	1.10	2.5	783	0.0	0.3	0.000	0.03
750819	57			8.5	0.240		1840	0.04	0.3	567				
750527	1750	20.0	8.9	8.2	0.230		500	0.17	8.8	500				
750502	1220		9.8	8.2	0.120	0.000	320	0.05	10.0	567	0.0	0.0	0.000	0.00
750417	449	7.0	11.5	8.5	0.040		10	0.05	1.9	467				
750214	751	0.0	13.4	8.1	0.100			0.10	7.5	600				
750129	2350	0.0	12.5	8.2	0.340	0.000	1200	0.20	6.6	517				
741205	228	3.0	15.2	8.2	0.270	0.000	10	0.20	4.2	800	0.1	0.0	0.000	0.00

BE 09 NEBARRAS RIVER
RYAN BRIDGE COUNTY ROAD 9 MILES SOUTH OF CHARLESTON --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770419	0.000	0.00	0.00	0.00	0.5	0.12	0.0	0.0	0.00	0.000	0.0	0.3	34	59
770303	0.000	0.00	0.00	0.00	0.4	0.19	0.1	0.0	0.00	0.000	0.0	0.3	76	79
761021	0.020	0.00	0.01	0.03	0.6	0.29	0.1	0.0	0.00	0.000	0.1	0.3	38	170
760504	0.000	0.00	0.00	0.00	0.4	0.11	0.0	0.0	0.00	0.000	0.0	0.4	37	68
760127	0.000	0.00	0.00	0.00	0.3	0.06	0.0	0.0	0.00	0.000	0.0	0.3	50	62
751030	0.000	0.00	0.00	0.01	0.4	0.15	0.0	0.0	0.00	0.000	0.1	0.4	35	107
750502	0.000	0.00	0.00	0.01	1.4	0.10	0.0	0.0	0.00	0.000	0.0	0.2	21	58
741205	0.000	0.00	0.00	0.00	0.4	0.09	0.0	0.0	0.00	0.000	0.0	0.2	29	53

BE 09 NEBARRAS RIVER
RYAN BRIDGE COUNTY ROAD 9 MILES SOUTH OF CHARLESTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770719		1.0										
770419				0.00	0.000					284	207	
770303					0.000					305	180	
761021				0.01								
760504				0.00	0.000							
760127				0.00	0.000							
751030				0.00				0.40				
750502				0.00	0.000			0.60				
750417								0.20				
750129								0.80				
741205				0.00	0.000			1.20				

BE 10 NEBARRAS RIVER
ROUTE 133 BRIDGE WEST OF OAKLAND
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770524			6.6	8.3	0.140		90	0.09	13.0	650				
761014		15.0	6.2	7.9	0.050	0.005	270	0.03	0.0	667	0.0	0.2	0.000	0.01
760603			6.5	7.9	0.530		3500	0.25	6.4	783				
760819				8.0	0.510	0.000	400	0.04	6.9	717	0.1	0.8	0.000	0.00
760304			9.1	8.2	0.240		230	0.13	8.3	617				
760123			7.0	8.2	0.180	0.000	400	0.09	8.1	667	0.0	0.5	0.000	0.00
760116		3.5	11.9	7.9	1.100		360	2.00	6.1	867				
751114		8.0	8.0	8.4	1.500		60	0.30	4.5	683				
751006		12.0		8.3	0.120	0.000	10	0.06	3.8	683	0.1	0.3	0.000	0.00
750925		15.5	10.5	8.6	0.050		360	0.03	3.8	683				
750729		26.5	7.0	8.7	0.030	0.000	50	0.02	2.0	733	0.1	0.3	0.000	0.00
750606				8.1	0.320		4000	0.26	7.6	500				
750515		15.0	9.6	8.6	0.240		1100	0.07	8.9	583				
750502		15.5	9.3	8.2	0.350	0.000	350	0.12	8.7	650	0.0	0.1	0.000	0.00
750408		9.0	10.5	8.2	0.190		30	0.13	9.4	567				
750314		2.0		8.2	0.240		160	0.07	8.3	667				
750207				8.1	0.330		270	0.20	7.6	617				
750123		1.0	13.2	8.2	0.360	0.000	340	0.40	6.7	667				
741203		1.5	11.1	8.3	0.220	0.000	8100	0.10	5.1	717				
741107		9.5	8.4	7.9	0.330	0.000	700	0.20	3.5	650				
741008		11.0	10.4	8.2	0.300	0.000	180	0.00	2.6	633				

BE 10 EMBARRAS RIVER
ROUTE 133 BRIDGE WEST OF OAKLAND --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
761014	0.000	0.00	0.00	0.02	0.3	0.42	0.1	0.0	0.00	0.000	0.0	0.3	58	53
760419	0.000	0.00	0.00	0.01	0.3	0.09	0.0	0.0	0.00	0.000	0.0	0.3	32	110
760123	0.000	0.00	0.00	0.00	0.1	0.00	0.1	0.0	0.00	0.000	0.0	0.3	22	45
751006	0.000	0.00	0.00	0.00	0.4	0.09	0.0	0.0	0.00	0.000	0.0	0.3	30	53
750729	0.002	0.00	0.00	0.05	0.3	0.06	0.0	0.0	0.00	0.000	0.0	0.2	15	125
750502	0.000	0.00	0.00	0.00	1.0	0.00	0.2	0.0	0.00	0.000	0.0	0.3	26	79

BE 10 EMBARRAS RIVER
ROUTE 133 BRIDGE WEST OF OAKLAND --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	HBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
761014				0.00	0.000							
760419				0.00	0.000							
760123				0.00								
751006				0.00	0.000							
750729				0.00	0.000							
750502				0.00	0.000							
750123								0.80				
741203								1.00				
741107								0.80				

BE 11 EMBARRAS RIVER
ROUTE 130 BRIDGE AT VILLA GROVE
LAB: CHAMPAIGN DISCHARGE DATA: 03343400 EMBARRAS RIVER NEAR CAMARGO, IL
DRAINAGE AREA: 186 RATIO: 0.88

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770520	89		5.5	7.9	0.350		800	0.10	13.0	650				
761119	2.6	1.0		7.6	2.700		140	2.50	0.6	800				
760914	0.96	21.0		7.8	0.270		1100	0.44	0.7	483				
760625	54		7.1	7.8	0.370		5000	0.40	7.0	567				
760504	36		12.5	8.3	0.120	0.005		0.21	6.7	700	0.1	0.5	0.000	0.00
760304	163		9.5	8.2	0.120		1900	0.10	8.1	600				
760128	87	0.5	13.5	8.1	0.510	0.000	330	0.20	9.3	617	0.1	0.4	0.000	0.00
751031	43	10.0	8.0	8.3	0.030	0.000	690	0.07	0.2	817	0.0	0.4	0.000	0.00
750826	65	28.5		8.4	0.390		320	0.15	2.4	567				
750729	43	25.5	8.8	8.6	0.140	0.000	3000	0.05	6.5	583	0.1	0.0	0.000	0.00
750627	1030	25.5		7.8	0.540		6000	0.33	4.0	267				
750502	162	16.0	9.1	8.2	0.590	0.000	310	0.08	9.0	600	0.0	0.1	0.000	0.00
750326	74	4.0		8.2	0.090		110	0.09	8.8	567				
750221	212		13.4	8.0	0.070		180	0.00	8.1	550				
750128	227		12.9	8.1	0.070	0.000	380	0.00	8.5	583				
741216	145	3.5	12.8	8.1	0.060		220	0.00	7.3	717	0.0	0.0	0.000	0.00
741121	94	6.0	11.0	8.2	0.080	0.000	550	0.20	6.5	700				
741029	9.6		6.5	8.0	0.270	0.000	930	0.10	3.0	683	0.0	0.1	0.000	0.01

BE 11 EMBARRAS RIVER
ROUTE 130 BRIDGE AT VILLA GROVE --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
760504	0.000	0.00	0.00	0.09	0.4	0.08	0.0	0.0	0.00	0.000	0.0	0.3	26	65
760128	0.000	0.00	0.00	0.05	0.5	0.07	0.0	0.0	0.00	0.000	0.0	0.2	23	46
751031	0.000	0.00	0.00	0.00	0.2	0.09	0.0	0.0	0.00	0.000	0.0	0.3	22	124
750729	0.001	0.00	0.00	0.05	0.7	0.07	0.0	0.0	0.00	0.000	0.0	0.2	16	46
750502	0.000	0.00	0.00	0.00	1.0	0.10	0.0	0.0	0.00	0.000	0.0	0.3	23	50

BE 11 EMBARRAS RIVER
ROUTE 130 BRIDGE AT VILLA GROVE --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
741216	0.000	0.00	0.00	0.00	0.2	0.00	0.2	0.0	0.00	0.000	0.0			
741029	0.000	0.00	0.00	0.02	0.6	0.12	0.1	0.0	0.00	0.000	0.0	0.2	17	51

BE 11 EMBARRAS RIVER
ROUTE 130 BRIDGE AT VILLA GROVE --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
760504				0.00	0.000							
760128				0.00	0.000							
751031				0.00	0.000							
750729				0.00	0.000							
750502				0.00	0.000							
750128								1.00				
741216				0.00	0.000							
741121								1.30				
741029			41	0.00	0.000			0.70				

BED 01 BIG CREEK
COUNTY ROAD BRIDGE 2.5 MILES WEST OF HARDINVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770627		24.0	6.2	7.9	0.230		1100	0.20	0.8	1350				
770509		18.5	8.1	7.6	0.190	0.015	800	0.25	0.1		0.3	1.0	0.010	0.00
770418		20.0	7.4	8.8	0.100		50	0.00	0.0		0.5	0.2	0.000	0.01
770328		14.0	6.7	7.0	0.500		3600	0.30	0.9	183	0.2	0.4	0.000	0.01
770222		3.5	8.7	7.2	0.250		30	1.20	0.9	1483	0.3	0.4	0.010	0.00
761213		1.0	1.8	7.5	1.200		10	0.05	0.0					
761117		1.0	1.0	7.5	0.500	0.025	110	0.00	0.0	1383	0.1	0.3	0.000	0.00
761018		10.5	8.6	7.5	0.300		50	0.20	0.0	800				
760927		10.5	6.5	7.3	0.500		2500	0.30	0.5	458				
760810		24.5	8.9	7.2	0.200	0.004	390	0.10	0.1	1067	0.0	0.4	0.010	0.00
760608		23.0	11.7	8.0	0.050		20	0.10	0.2	683				
760512		17.0	9.4	7.7	0.100	0.000	190	0.00	0.0		0.7	0.2	0.000	0.03
760419		19.5	6.2	7.7	0.150		30	0.00	0.3	1417				
760323		10.5	10.7	7.4	0.250		680	0.20	0.7	633				
760203		0.0	13.7	7.7	0.160	0.010	40	0.40	0.8		0.5	0.1	0.010	0.02
760122			13.5	7.9	0.220		90	0.60	0.7					
751208		3.5	11.1	7.4	0.190		830	0.35	1.2	1367				
751104		15.0	1.8	7.7	1.200	0.026	90	0.10	0.0		0.6	0.3	0.010	0.01
751015		18.0	3.0	7.3	0.220		200	0.00	0.1	1283				
750908		25.5	8.3	7.5	0.110		350	0.30	0.4	1317				
750811		23.5	12.7	8.5	0.140	0.007	180	0.05	0.4	900		0.2		
750723		24.5	6.2	6.8	0.290		700	0.20	1.5	217				
750624		24.5	8.5	8.0	0.180		300	0.00	0.0	1033				
750514		18.5	7.5	7.4	0.250	0.005	2000	0.27	0.7	567	0.3	0.2	0.000	0.01
750428		18.0	6.3	7.1	0.180		180	0.23	0.6	333				
750305		0.0	13.4	7.7	0.020		0	0.05	0.4	783				
741209		2.0	12.2	7.6	0.110	0.000	650	0.04	1.0	450				
741028		13.0	4.7	7.1	0.160	0.015	0	0.00	0.0	633	0.2	0.1	0.000	0.89
741021		8.5	6.0	7.4	0.190	0.015	50	0.00	0.0	933				

RED 01 BIG CREEK
COUNTY ROAD BRIDGE 2.5 MILES WEST OF HARDINVILLE --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770509	0.000	0.00	0.00	0.02	0.6	0.47	0.0	0.0	0.00	0.000	0.0	0.2	440	51
770418	0.000	0.00		0.02	1.2	0.48	0.0	0.0	0.00	0.000	0.0	0.2	430	70
770328	0.001	0.00	0.00	0.01	2.7	0.32	0.0	0.0	0.00	0.000	0.0	0.2	32	19
770222	0.000	0.00		0.00	1.3	0.65	0.2	0.0	0.00	0.000	0.0	0.2	360	45
761117	0.003	0.00	0.06	0.00	2.3	2.85	0.0	0.0	0.00	0.000	0.0	0.2	330	35
760810	0.001	0.00	0.00	0.06	1.4	0.50	0.0	0.0	0.00	0.000	0.0	0.3	230	25
760512	0.000	0.00	0.00	0.03	0.8	0.65	0.1	0.0	0.00	0.000	0.0	0.3	450	100
760203	0.000	0.00	0.00	0.00	0.8	0.90	0.0	0.0	0.00	0.000	0.0	0.2	250	90
751104	0.008	0.00	0.00	0.00	3.5	6.20	0.0	0.0	0.00	0.000	0.0	0.3	485	17
750811		0.00										0.2	190	15
750514	0.002	0.00	0.00	0.01	2.5	0.27	0.0	0.0	0.00	0.000	0.0	0.2	110	35
741028	0.000	0.00	0.00	0.28	0.8	0.68	0.0	0.0	0.00	0.000	0.0	0.2	280	50

RED 01 BIG CREEK
COUNTY ROAD BRIDGE 2.5 MILES WEST OF HARDINVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770509				0.00	0.000				1040			
770418				0.00					1060	300	180	
770328				0.00						64	30	
770222				0.00						210	95	
761213									840			
761117				0.06	0.035							
760810				0.00	0.010							
760512				0.00	0.020			0.70	1040			
760203					0.010			0.70	790			
760122									860			
751104					0.000			0.60	1090			
750811					0.000			0.50				
750514				0.00	0.000			0.40				
741209								0.50				
741028					0.000			0.70				
741021								0.70				

BRF 03 NORTH FORK EMBARRAS RIVER
ROUTE 33 BRIDGE 3 MILES WEST OF OBLONG
LAB: MARION DISCHARGE DATA: 03346000 NORTH FORK EMBARRAS RIVER NEAR OBLONG, IL
DRAINAGE AREA: 319 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770627	9.5	25.0	7.7	8.1	0.130	0.015	480	0.25	0.2		0.2	0.5	0.000	0.00
770509	90	18.5	9.7	7.8	0.360	0.005	1900	0.30	3.2	533	0.0	1.3	0.000	0.01
770418	26	20.0	8.5	8.0	0.100		60	0.00	0.0	900	0.2	0.2	0.000	0.03
770328	1970	14.0	8.5	7.2	0.730		6100	0.35	0.5	200	0.2	0.3	0.000	0.02
770222	80	3.5	11.0	7.4	0.200		0	0.75	1.2	733	0.1	0.4	0.010	0.01
761213	1.2	1.0	13.5	7.8	0.100	0.050	0	0.10	0.0		0.4	0.3	0.000	0.00
761117	1.2	1.0	5.9	7.9	0.200		20	0.05	0.0					
761018	0.50	9.0	8.4	7.7	0.180		20	0.00	0.0					
760921	1.1	17.0	7.5	7.8	0.150	0.020	500	0.00	0.0		0.3	0.2	0.020	0.01
760810	5.7	23.5	9.1	7.5	0.200		230	0.25	0.2	867				
760712	7.3	24.5	9.3	8.4	0.200		200	0.00	0.1	850				
760608	15	21.5	11.2	7.8	0.200	0.020	600	0.15	0.0	883	0.1	0.1	0.010	0.01
760512	23	19.0	10.1	8.0	0.050		30	0.00	0.0	883				
760405		13.0	10.5	7.7	0.100		10	0.00	0.6	683				
760323	205	9.5	10.9	7.5	0.300	0.010	1800	0.15	1.1	450	0.1	0.2	0.000	0.02
760203	45	0.0	12.8	7.8	0.120		0	0.55	1.0	800				
760122	50		12.3	7.9	0.280		0	0.50	1.0	817				
751208	143	3.5	11.9	7.4	0.410	0.009	2000	0.35	2.3	517	0.0	0.5	0.000	0.00
751104	13	15.0	6.9	7.9	0.210		220	0.00	0.0	1200				
751020	9.0	14.5	8.2	7.4	0.150		310	0.05	0.0	950				

REF 03 NORTH FORK EMBARRAS RIVER
ROUTE 33 BRIDGE 3 MILES WEST OF OBLONG --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
750908	23	26.0	7.5	7.5	0.110	0.004	600	0.15	0.4	617	0.1	0.1	0.030	0.00
750804	191	23.5	6.0	7.4	0.490		30000	0.20	0.5	267				
750723	358	23.5	5.7	6.9	0.430	0.006	6500	0.20	1.2	300	0.0	0.0	0.000	0.04
750624	66	24.5	7.1	8.0	0.200	0.007	500	0.10	1.0	767	0.0	0.1	0.010	0.02
750514	362	18.5	8.3	7.9	0.300		2200	0.18	1.4	400				
750428	324	17.0	9.6	7.2	0.180		710	0.10	1.6	483				
750305	127	9.5	12.8	7.8	0.030	0.000	10	0.10	1.9	650	0.0	0.2	0.000	0.03
750219	613	0.5	12.6	7.7	0.140		330	0.20	3.2	417				
741209	1060	2.0	11.1	7.8	0.240	0.005	630	0.09	2.2	333	0.0	0.3	0.000	0.00
741028	22	14.0	8.8	7.6	0.100	0.005	50	0.00	0.0	1283				
741021	29	11.5	8.7	7.6	0.120	0.005	50	0.03	0.1	733				

REF 03 NORTH FORK EMBARRAS RIVER
ROUTE 33 BRIDGE 3 MILES WEST OF OBLONG --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770627	0.000	0.00	0.00	0.00	0.7	0.67	0.0	0.0	0.00	0.000	0.0	0.2	300	25
770509	0.000	0.00	0.00	0.01	3.1	0.24	0.0	0.0	0.00	0.000	0.0	0.2	62	45
770418	0.000	0.00		0.02	1.2	0.38	0.0	0.0	0.00	0.000	0.0	0.2	120	60
770328	0.000	0.00	0.00	0.02	5.2	0.70	0.0	0.0	0.01	0.000	0.0	0.2	24	23
770222	0.002	0.00	0.00	0.00	1.0	0.45	0.0	0.0	0.00	0.000	0.0	0.2	125	45
761213	0.002	0.00	0.00	0.00	1.7	0.62	0.0	0.0	0.00	0.000	0.0	0.3	850	28
760921	0.001	0.00	0.04	0.02	0.9	1.18	0.0	0.0	0.00	0.010	0.0	0.5	880	20
760608	0.000	0.00	0.00	0.10	2.5	0.77	0.0	0.0	0.00	0.000	0.0	0.3	150	75
760323	0.000	0.00	0.01	0.00	4.9	0.25	0.2	0.0	0.00	0.000	0.0	0.2	48	60
751208	0.000	0.00	0.00	0.00	3.7	0.15	0.0	0.0	0.00	0.000	0.0	0.2	50	60
750908	0.002	0.00	0.00	0.01	1.1	0.30	0.0	0.0	0.00	0.000	0.0	0.3	70	22
750723	0.001	0.00	0.00	0.00	7.3	0.46	0.0	0.0	0.00	0.000	0.0	0.3	21	22
750624	0.000	0.00	0.00	0.00	1.4	0.20	0.0	0.0	0.00	0.000	0.0	0.2	69	30
750305	0.000	0.00	0.00	0.00	0.8	0.20	0.0	0.0	0.00	0.000	0.0	0.2	45	50
741209	0.000	0.00	0.00	0.01	2.4	0.09	0.0	0.0	0.00	0.000	0.0	0.2	25	50

REF 03 NORTH FORK EMBARRAS RIVER
ROUTE 33 BRIDGE 3 MILES WEST OF OBLONG --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770627				0.00	0.000				1220			
770509				0.00	0.000							
770418				0.00						280	215	
770328				0.00						88	46	
770222				0.00						155	105	
761213				0.00	0.000				1900			
761117									1290			
761018									1160			
760921				0.04	0.010							
760608				0.00	0.020							
760323				0.01	0.000			0.20				
751208					0.008			0.30				
750908					0.000			0.20				
750723					0.000			0.30				
750624					0.000			0.30				
750305					0.000			0.20				
741209					0.000			0.40				
741028								0.20				
741021								0.20				

REF 04 NORTH FORK ENBARRAS RIVER
COUNTY ROAD BRIDGE 1 MILE WEST OF BELLAIR
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770627		25.5	6.6	8.1	0.210		1500	0.10	0.0	1350				
770509		19.5	9.1	7.8	0.630		0	0.30	4.1	600				
770418		19.5	8.4	8.0	0.100	0.000	160	0.05	0.2	883	0.1	0.2	0.000	0.01
770328		15.0	10.5	7.5	0.760		4300	0.30	0.5	217	0.3	0.8	0.000	0.02
770222		3.5	10.7	7.5	0.350	0.005	40	1.00	1.1	767	0.1	0.3	0.020	0.01
761213		0.5	22.4	8.0	2.000		10	0.10	0.0					
761117		1.0	9.1	7.9	0.150		20	0.10	0.0					
761019		8.5	5.5	7.6	0.200	0.035	90	0.00	0.0		0.8	0.3	0.000	0.01
760921		17.0	8.5	7.6	0.250		230	0.00	0.0					
760810		23.5	7.0	7.4	0.250		0	0.00	0.3	883				
760712		25.0	8.3	8.3	0.200	0.010	220	0.00	0.0	1133	0.2	0.2	0.020	0.00
760608		23.0	9.6	7.9	0.150		30	0.05	0.0	933				
760512		19.5	9.7	7.9	0.100		30	0.10	0.2	883				
760405		13.5	11.6	7.7	0.100	0.005	50	0.15	0.5	750	0.0	0.3	0.010	0.00
760323		10.5	11.6	7.8	0.200		470	0.05	1.0	600				
760203		0.0	12.7	7.8	0.180		10	0.45	1.3	792				
760122		0.0	12.6	7.9	0.090	0.003	0	0.50	1.4	833	0.1	0.3	0.010	0.01
751201		4.5	10.7	8.1	0.170		12000	0.35	2.8	350				
751104		15.0	6.2	7.8	0.260	0.007	110	0.05	0.1	1050	0.1	0.2	0.020	0.02
751020		15.0	8.5	7.6	0.150	0.005	30	0.10	0.0	983	0.2	0.2	0.000	0.01
750902		28.0	7.0	7.6	0.200		760	0.15	0.7	450				
750804		23.5	6.6	7.9	0.310		24000	0.10	1.0	567				
750723		23.5	6.2	7.1	0.190		1800	0.15	1.4	417				
750624		23.0	8.8	8.0	0.730		3200	0.10	1.5	767				
750514		18.0	9.2	7.8	0.200		1600	0.07	1.8	550				
750407		9.5	11.7	8.1	0.060	0.000	10	0.02	1.7	617	0.0	0.1	0.000	0.00
750305		1.0	12.4	7.9	0.020		20	0.09	2.0	667				
750219		0.5	12.7	7.8	0.120		300	0.10	3.5	467				
741209		1.5	12.1	7.7	0.160	0.005	420	0.04	2.1	417				
741028		13.5	7.9	7.7	0.110	0.005	0	0.00	0.0	900				
741007		14.0	8.9	7.6	0.080	0.005	130	0.06	0.2	800	0.0	0.1	0.000	0.00

REF 04 NORTH FORK ENBARRAS RIVER
COUNTY ROAD BRIDGE 1 MILE WEST OF BELLAIR —CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770418	0.000	0.00	0.00	0.01	1.0	0.38	0.0	0.0	0.00	0.000	0.0	0.2	115	63
770328	0.001	0.00	0.00	0.02	6.4	0.88	0.0	0.0	0.00	0.000	0.1	0.2	19	24
770222	0.000	0.00	0.00	0.00	0.8	0.35	0.0	0.0	0.00	0.000	0.0	0.2	120	50
761019	0.001	0.00	0.02	0.02	1.7	0.78	0.0	0.0	0.00	0.000	0.0	0.2	600	30
760712	0.000	0.00	0.00	0.03	1.1	0.97	0.0	0.0	0.00	0.000	0.0	0.3	230	35
760405	0.000	0.00	0.00	0.06	0.7	0.30	0.0	0.0	0.00	0.000	0.0	0.2	75	60
760122	0.000	0.00	0.01	0.00	0.6	0.37	0.0	0.0	0.00	0.000	0.0	0.2	65	50
751104	0.000	0.00	0.00	0.00	1.2	0.48	0.0	0.0	0.00	0.000	0.0	0.3	160	35
751020	0.001	0.00	0.00	0.00	1.3	0.36	0.0	0.0	0.00	0.000	0.0	0.2	145	29
750407	0.000	0.00	0.00	0.00	0.4	0.20	0.0	0.0	0.00	0.000	0.0	0.2	43	55
741007	0.000	0.00	0.00	0.00	0.9	0.23	0.0	0.0	0.00	0.000	0.0	0.2	90	35

REF 04 NORTH FORK ENBARRAS RIVER
COUNTY ROAD BRIDGE 1 MILE WEST OF BELLAIR --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	ABAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770418				0.00	0.000					300	224	
770328				0.00						100	58	
770222				0.00	0.010					190	130	
761213									1500			
761117									1350			

BEF 04 NORTH FORK EMBARRAS RIVER
COUNTY ROAD BRIDGE 1 MILE WEST OF BELLAIR --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
761019				0.02	0.005				1250			
760712				0.00	0.005							
760405				0.00	0.010			0.20				
760122					0.000			0.30				
751104					0.000			0.30				
751020					0.000			0.20				
750407					0.000			0.20				
741209								0.50				
741028								0.20				
741007					0.000			0.30				

BEN 01 KICKAPOO CREEK
COUNTY ROAD BRIDGE 1 MI SOUTH-SOUTHWEST OF CHARLESTON
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770303		4.5	11.7	8.0	0.840	0.013	90	0.36	1.8	833	0.1	0.9	0.000	0.00
761014		15.5	8.7	8.2	0.110	0.007	100	0.00	0.0	800	0.1	0.1	0.000	0.05
760603			7.0	7.9	0.540		30000	0.24	5.7	717				
760419				7.9	0.850	0.000	250	0.67	3.9	667	0.1	0.8	0.000	0.01
760123			10.8	8.1	0.100	0.000	70	0.12	8.3	650	0.1	0.4	0.000	0.00
760116		1.5	11.1	7.9	0.970		80	2.80	5.5	1225				
751114		9.0	12.7	8.5	3.900			0.37	4.5	700				
751006		16.0	11.0	8.4	1.400	0.005	220	0.47	4.4	717	0.1	0.4	0.000	0.00
750925		15.5	10.8	8.6	0.040		460	0.03	3.8	717				
750805			5.6	8.4	0.560		2800	0.20	4.2	650				
750729		26.5	9.0	8.8	0.070	0.000	360	0.02	3.8	550	0.1	0.0	0.000	0.02
750606				8.1	0.500		4900	0.28	7.6	500				
750515		15.0		8.5	0.400		520	0.31	8.7	583				
750502		15.0	9.3	8.2	0.580	0.000	250	0.09	9.0	567	0.0	0.1	0.000	0.00
750408		9.0	12.7	8.2	0.360		10	0.29	8.0	633				
750318		2.0		8.2	0.340		420	4.20	7.3	600				
750207			14.5	8.1	0.290		170	0.20	7.6	617				
750123		2.0	13.5	8.2	0.360	0.004	210	0.40	6.8	667				
741203		2.0	11.7	8.3	0.930	0.000	2500	0.60	4.6	850				
741107		9.5	10.0	8.1	1.400	0.000	170	1.00	3.5	800	0.1	0.2	0.000	0.00

BEN 01 KICKAPOO CREEK
COUNTY ROAD BRIDGE 1 MI SOUTH-SOUTHWEST OF CHARLESTON --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SELE-NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770303	0.010	0.00	0.00	0.00	0.2	0.19		0.0	0.00	0.000	0.0	0.3	47	170
761014	0.000	0.00	0.00	0.00	0.6	0.23	0.2	0.0	0.00	0.000	0.0	0.3	77	43
760419	0.000	0.00	0.00	0.02	0.2	0.09	0.0	0.0	0.00	0.000	0.0	0.4	30	53
760123	0.000	0.00	0.00	0.00	0.3	0.05	0.1	0.0	0.00	0.000	0.0	0.3	19	42
751006	0.000	0.00	0.00	0.07	0.2	0.08	0.1	0.0	0.00	0.000	0.0	0.5	39	59
750729	0.001	0.00	0.00	0.02	0.3	0.07	0.0	0.0	0.00	0.000	0.0	0.3	17	43
750502	0.000	0.00	0.00	0.01	1.5	0.10	0.0	0.0	0.00	0.000	0.0	0.3	27	50
741107	0.000	0.00	0.00	0.00	0.1	0.06	0.0	0.0	0.00	0.000	0.0	0.3	36	67

BEE 01 KICKAPOO CREEK
COUNTY ROAD BRIDGE 1 MI SOUTH-SOUTHWEST OF CHARLESTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO- GEN (MG/L)	SUS- PENDED SOLIDS (MG/L)	CHROM- IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD- NESS (CACO3) (MG/L)	ALKA- LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770303					0.000					309	195	
761014				0.00	0.000							
760419				0.00	0.000							
760123				0.00								
751006				0.00	0.000							
750729				0.00	0.000							
750502				0.00	0.000							
750123								0.90				
741203								1.00				
741107				0.00	0.000			1.00				
BF 01	BEEB07											

BF 01 SUGAR CREEK
TOWNSHIP ROAD BRIDGE NORTHEAST OF PALESTONE NEAR ICGRR
LAB: MARION

DATE	DIS- CHARGE (CFS)	TEMP- ERA- TURE DEG/C	DIS- SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS- PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO- GEN (MG/L)	NO3+NO2 NITRO- GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770628		22.0	4.4	7.6	0.680		78000	1.50	3.4	800				
770524		23.0	5.1	7.7	2.500		4100	0.85	7.0					
770418		20.0	9.2	8.0	2.000	0.026	950	40.00	2.7		0.2	1.1	0.020	0.01
770329		15.0	6.8	7.3	0.540		17000	2.00	1.5	533	0.1	0.4	0.000	0.02
770222		1.5	6.3				400				0.1		0.020	0.00
761213		1.0	17.0	7.8	1.500		900	18.50	10.0					
761117		1.0	7.7	7.8	1.100		1400	26.50	0.9					
761018		8.5	10.9	7.7	1.300	0.070	13000	0.25	6.8	3167	0.1	1.0	0.010	0.00
760927		16.0	5.6	7.6	1.500		3500	0.20	0.0					
760817		25.5	7.2	7.6	4.300		9200	0.20	7.5					
760720		28.0	4.4	7.5	1.600	0.100	4000	16.00	6.9		0.1	1.7	0.030	0.01
760621		24.5	6.7	7.5	2.500		7200	1.00	6.8					
760518		19.5	7.5	7.6	1.300		1200	0.70	7.6					
760419		21.0	11.7	8.1	5.000	0.025	1200	2.50	3.2		0.2	0.5	0.000	0.01
760309		10.0	9.8	7.8	0.750		800	3.10	3.0	1283				
760203		0.0	9.4	7.5	1.500		3300	5.20	7.8					
760122		1.0	9.8	7.5	0.160	0.090	4600	6.30	3.3		0.2	1.4	0.020	0.01
751208		4.0	10.3	7.5	1.250		16000	1.40	5.2	1450				
751104		15.0	6.0	7.8	3.100		160	2.00	1.5					
751015		18.0	6.2	7.5	1.500	0.045	1800	1.90	9.0		0.2	0.5	0.010	0.00
750908		25.5	6.0	7.4	1.200		610	8.60	9.6	3283				
750811		23.0	8.4	7.7	1.000		1800	0.20	7.4					
750715		20.5	9.5	7.7	1.840		970	0.35	6.2	2167				
750624		25.0	5.4	7.5	1.310		8000	0.30	6.6	1383				
750515		18.0	9.0	7.8	0.550		8000	0.06	4.7	1150				
750428		16.5	6.4	7.4	0.460	0.006	4300	1.40	2.6	950	0.0	0.3	0.000	0.00
750319		3.0	10.3	7.5	0.400		6000	0.20	1.2	233				
750224		1.0	11.9	7.1	0.420		4600	0.70	1.5	400				
750107		3.5	9.6	7.8	0.540	0.065	9100	1.50	2.6	950	0.0	0.2	0.000	0.00
741209		2.0	11.3	7.6	0.800	0.030	3300	1.60	2.3	733				
741028		13.0	8.7	7.4	0.510	0.020	190	0.12	2.5					
741021		13.0	8.1	7.5	0.620	0.030	2000	1.10	5.0		0.0	0.6	0.000	0.01

BF 01 SUGAR CREEK
TOWNSHIP ROAD BRIDGE NORTHEAST OF PALESTONE NEAR ICGRR —CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM- IUM (MG/L)	TRI CHROM- IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG- ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL- NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR- IDE (MG/L)	CHLOR- IDE (MG/L)	SULFATE (SO4) (MG/L)
770418	0.010	0.00	0.02	0.02	0.4	0.51	0.0	0.0	0.05	0.000	0.0	1.9	400	535
770329		0.00	0.07	0.01	2.4	0.40	0.0	0.0		0.000	0.0	0.4	52	95
770222	0.004		0.04	0.00	0.7	0.63	0.0	0.1	0.01	0.000	0.1			
761018	0.008	0.06	0.14	0.02	0.3	0.35	0.0	0.0	0.02	0.000	0.1	3.8	460	580
760720	0.009	0.00	0.10	0.05	0.4	0.65	0.0	0.0	0.04	0.000	0.1	2.0	350	475

BF 01 SUGAR CREEK
TOWNSHIP ROAD BRIDGE NORTHEAST OF PALESTONE NEAR ICGRR --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
760419	0.012	0.18	0.28	0.07	0.3	0.45	0.0	0.0	0.02	0.000	0.1	1.3	460	400
760122	0.000	0.00	0.20	0.00	0.5	0.37	0.0	0.0	0.01	0.000	0.3	2.3	440	400
751015	0.008	0.00	0.09	0.00	0.8	0.57	0.0	0.0	0.03	0.000	0.1	1.7	1040	500
750828	0.000	0.00	0.03	0.03	0.4	0.13	0.0	0.0	0.00	0.000	0.0	0.9	180	130
750107	0.000	0.00	0.00	0.00	0.4	0.20	0.0	0.0	0.00	0.000	0.0	0.3	150	140
741021	0.010	0.10	0.10	0.00	0.3	0.17	0.0	0.0	0.00	0.000	0.1	2.0	350	290

BF 01 SUGAR CREEK
TOWNSHIP ROAD BRIDGE NORTHEAST OF PALESTONE NEAR ICGRR --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770524									2090			
770418				0.02	0.010				1660	430	250	
770329				0.07						150	74	
770222				0.04	0.030							
761213									1710			
761117									1770			
761018				0.20	0.010				2110			
760927									890			
760817									1480			
760720				0.10					1470			
760621									1750			
760516									1440			
760419				0.46	0.020			2.50	1230			
760203									1320			
760122					0.050			0.30	1490			
751104									1460			
751015					0.010			3.80	2638			
750811									1890			
750828				0.03	0.000			1.00				
750107					0.000							
741209								1.00				
741028								1.50	1080			
741021					0.000			4.00	1140			

BH 01 MILL CREEK
COUNTY ROAD BRIDGE 2 MI NORTH OF ALLRIGHT
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
761021		11.0	10.2	8.0		0.008		0.03	3.5	983	0.1	1.0	0.000	0.01
760504				8.4	0.050	0.000		0.06	6.8	583	0.1	0.4	0.000	0.00
760128			11.4	8.2	0.100	0.000	10000	0.16	6.9	650	0.1	0.4	0.000	0.00
750909			7.7	8.6	0.050		15000	0.05	0.4	517				
750819				8.6	0.030		1260	0.02	0.1	517				
750730		27.0	6.7	8.6	0.200	0.000	2000	0.06	6.6	617	0.1	0.1	0.000	0.00
750617		20.5	7.8	8.6	0.250		1100	0.06	0.4	533				
750519		20.5	9.6	8.6	0.130		310	0.06	0.2	533				
750501			11.1	8.5	0.080	0.000	230	0.07	8.5	567	0.1	0.0	0.000	0.00
750417		7.0	11.0	8.4	0.050			0.04	1.9	483				
750214		0.0	13.2	8.0	0.160		1500	0.20	0.8	517				
750109			11.3	7.9	0.500	0.000	1000	0.60	1.1	300				
741210		4.5	13.0	8.1	0.060	0.000	300	0.00	0.6	500				
741010			8.7	8.1	0.060	0.000	90	0.00	0.1	633				

BH 01 BILL CREEK
COUNTY ROAD BRIDGE 2 MI NORTH OF ALLBRIGHT --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
761021	0.020	0.00	0.01	0.01	0.3	0.23	0.1	0.0	0.00	0.000	0.0	0.3	37	220
760504	0.000	0.00	0.00	0.04	0.4	0.11	0.0	0.0	0.00	0.000	0.0	0.2	17	53
760128	0.000	0.00	0.00	0.05	0.5	0.07	0.0	0.0	0.00	0.000	0.0	0.2	39	45
750730	0.001	0.00	0.00	0.14	0.2	0.03	0.0	0.0	0.00	0.000	0.0	0.3	16	36
750501	0.000	0.00	0.00	0.00	0.7	0.00	0.0	0.0	0.00	0.000	0.0	0.2	15	73

BH 01 BILL CREEK
COUNTY ROAD BRIDGE 2 MI NORTH OF ALLBRIGHT --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
761021				0.01								
760504				0.00	0.000							
760128				0.00	0.000							
750730				0.00	0.000							
750501				0.00	0.000							
750109								0.30				
741210								0.60				
741010								0.10				

BJ 01 BIG CREEK
COUNTY ROAD BRIDGE 5 MI SOUTHEAST OF MARSHALL
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
761021		9.5	8.2	8.1				0.02	2.3	967	0.1	1.0	0.000	0.01
760922		20.0	8.3	8.0	0.250		60	0.19	0.2	600				
760504				8.4	0.550	0.000		0.06	6.8	833	0.1	0.5	0.000	0.02
760128		0.0	11.2	8.3	0.090	0.000	130	0.19	7.3	600	0.1	0.4	0.000	0.00
750909		22.0	8.1	8.6	0.040		1800	0.05	0.4	533				
750819				8.6	0.230		1470	0.05	0.3	567				
750730		28.0	5.4	8.4	0.750	0.000	700	0.07	4.9	767	0.1	0.2	0.000	0.00
750617		21.5	6.6	8.7	0.100		300	0.06	0.4	517				
750519		20.0	8.8	8.6	0.140		180	0.05	0.3	533				
750501		16.5				0.000	1000				0.0		0.000	0.00
750417		7.0	11.4	8.5	0.030			0.05	1.9	483				
750214		0.0	13.6	8.0	0.100		800	0.20	0.6	500				
750109				8.1	0.400	0.000	6000	0.50	2.2	333				
741216		4.5	12.7	8.1	0.150	0.000	1400	0.50	1.1	550				
741010		14.5	9.5	8.1	0.050	0.000	50	0.00	0.1	683				

BJ 01 BIG CREEK
COUNTY ROAD BRIDGE 5 MI SOUTHEAST OF MARSHALL --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
761021	0.000	0.00	0.01	0.01	0.3	0.20	0.1	0.0	0.00	0.000	0.0	0.3	39	190
760504	0.000	0.00	0.00	0.02	0.4	0.11	0.0	0.0	0.00	0.000	0.0	0.3	32	160
760128	0.000	0.00	0.00	0.28	0.7	0.10	0.0	0.0	0.00	0.000	0.0	0.2	25	45
750730	0.010	0.00	0.00	0.02	0.7	0.17	0.1	0.0	0.00	0.000	0.0	0.3	24	138
750501	0.000	0.00	0.00	0.00	0.7	0.00	0.0	0.0	0.00	0.000	0.0			

BJ C1 BIG CREEK
COUNTY ROAD BRIDGE 5 MI SOUTHEAST OF MARSHALL --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
761021				0.01	0.000							
760504				0.00	0.000							
760128				0.00	0.000							
750730				0.00	0.000							
750501				0.00	0.000							
750109								0.40				
741216								0.70				

BM 01 SUGAR CREEK
ELBRIDGE-VERMILION ROAD BRIDGE SOUTHEAST OF PARIS
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770528			6.7	8.3	0.300		240	0.19	11.0	683				
770308		4.5	11.6	8.0	0.620		40		1.7	767	0.1	0.3	0.000	0.00
761021		11.0	6.3	8.3	1.200	0.000	80	0.10	2.7	617	0.2	0.7	0.000	0.05
760922		21.0	7.4	7.9	1.200		310	0.20	1.7	533				
760504			7.3	8.4	0.780	0.005		0.09	7.4	633	0.1	0.5	0.000	0.00
760127		0.0	13.1	8.3	0.090	0.000	100	0.11	5.8	667	0.1	0.3	0.000	0.00
750919		21.0	10.6	8.6	0.040		930	0.04	0.4	533				
750819				8.6	0.030		1380	0.02	0.2	517				
750711		21.5	9.1	8.5	0.630		600	0.03	1.5	550	0.1	0.2	0.000	0.00
750617			7.7	8.6	0.140		1700	0.04	10.0	633				
750519		20.0	8.9	8.5	0.330		1100	0.05	3.4	550				
750501		16.5	11.5	8.5	0.070	0.000	140	0.05	8.4	567	0.0	0.0	0.000	0.00
750417		7.0	11.5	8.5	0.030			0.02	1.9	517				
750320		5.5		8.3	0.120		620	0.07	6.3	483				
750214		1.5	14.1	8.0	0.120		1800	0.20	0.7	500				
750109			11.7	8.1	0.450	0.000	10500	0.40	2.9	467				
741216		4.5	11.6	7.9	0.510	0.000	2300	0.50	1.8	467				
741010		15.0		8.2	0.030	0.000	60	0.00	0.6	600				

BM 01 SUGAR CREEK
ELBRIDGE-VERMILION ROAD BRIDGE SOUTHEAST OF PARIS --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770308	0.000	0.00		0.00	0.6	0.50	0.0	0.0	0.00	0.000	0.0	0.3	4	10
761021	0.000	0.00	0.00	0.03	0.5	0.02	0.1	0.0	0.00	0.000	0.0	0.3	21	22
760504	0.000	0.00	0.00	0.03	0.4	0.11	0.0	0.0	0.00	0.000	0.0	0.3	24	51
760127	0.000	0.00	0.00	0.00	0.4	0.08	0.0	0.0	0.00	0.000	0.0	0.2	26	54
750711	0.000	0.00	0.00	0.09	0.3	0.14	0.0	0.0	0.00	0.000	0.0	0.3	26	52
750501	0.000	0.00	0.00	0.00	0.7	0.00	0.0	0.0	0.00	0.000	0.0	0.2	15	73

BM 01 SUGAR CREEK
ELBRIDGE-VERMILION ROAD BRIDGE SOUTHEAST OF PARIS --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770308					0.000					336	243	
761021				0.00	0.000							
760504				0.00	0.000							
760127				0.00	0.000							
750711				0.00	0.000							
750501				0.00	0.000							

BB 01 SUGAR CREEK
ELBRIDGE-VERMILION ROAD BRIDGE SOUTHEAST OF PARIS —CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO- GEN (MG/L)	SUS- PENDED SOLIDS (MG/L)	CHROM- IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD- NESS (CACO3) (MG/L)	ALKA- LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
750109								0.60				
741216								0.90				
741010								0.10				

BB 01 BROUILLETTS CREEK
IND. ROUTE 71 BRIDGE 0.5 MI NORTH OF BLANFORD
LAB: CHAMPAIGN

DATE	DIS- CHARGE (CFS)	TEMP- ERA- TURE DEG/C	DIS- SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS- PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO- GEN (MG/L)	NO3+NO2 NITRO- GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770719		27.0	7.7	8.3			350	0.00	4.1	517			0.000	
770524			6.6	8.2	0.150		110	0.11	13.0	650				
770308		5.5	12.6	8.1	0.240	0.005		0.18	5.3		0.1	0.9	0.000	0.00
761021		14.5	8.0	8.3	1.200	0.000	80	0.10	2.4	617	0.2	0.7	0.000	0.00
760922		20.0	8.5	8.2	0.080		30	0.15	0.5	683				
760504			12.1	8.1	2.400	0.005			6.8	750	0.1	0.6	0.000	0.00
760127		0.0	13.0	8.3	0.090	0.000	180	0.13	5.8	667	0.1	0.3	0.000	0.00
750929		21.0	8.8	8.5	0.070		1500	0.05	1.1	617				
750819				8.6	0.250		1510	0.06	0.3	567				
750711		21.5	8.4	8.5	0.060		240	0.02	6.8	567	0.1	0.1	0.000	0.00
750617		20.0	7.1	8.9	0.130		3600	0.04	10.2					
750519		19.5	8.9	8.5	0.040		2500	0.03	7.0	567				
750501		16.0	7.8	8.5	0.060	0.000	1300	0.07	8.0	583	0.0	0.0	0.000	0.00
750417		7.0		8.5	0.020		10	0.02	1.9	517				
750320		8.0		8.3	0.170		900	0.06	6.2	483				
750214			13.6	8.2	0.050		80	0.00	7.0	600				
750109			11.5	8.1	0.480	0.000	3250	0.40	6.9	483				
741216		4.5	12.3	8.4	0.090	0.000	600	0.00	4.8	783				
741010		14.5	12.2	8.2	0.030	0.000	70	0.00	0.7	583	0.0	0.0	0.000	0.00

BB 01 BROUILLETTS CREEK
IND. ROUTE 71 BRIDGE 0.5 MI NORTH OF BLANFORD --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM- IUM (MG/L)	TRI CHROM- IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG- ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL- ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR- IDE (MG/L)	CHLOR- IDE (MG/L)	SULFATE (SO4) (MG/L)
770719	0.000			0.01					0.00					
770308	0.000	0.00		0.00	0.2	0.07	0.0	0.0	0.00	0.000	0.0	0.2	24	55
761021	0.000	0.00	0.00	0.04	0.5	0.02	0.0	0.0	0.00	0.000	0.0	0.3	21	22
760504	0.010	0.00	0.00	0.01	0.2	0.07	0.0	0.0	0.00	0.000	0.0	0.4	38	67
760127	0.000	0.00	0.00	0.00	0.3	0.08	0.0	0.0	0.00	0.000	0.0	0.2	26	54
750711	0.000	0.00	0.00	0.01	0.3	0.04	0.0	0.0	0.00	0.000	0.0	0.2	15	50
750501	0.000	0.00	0.00	0.00	0.9	0.00	0.0	0.0	0.00	0.000	0.0	0.2	15	72
741010	0.000	0.00	0.00	0.00	0.0	0.00	0.2	0.0	0.00	0.000	0.0	0.1	10	44

BB 01 BROUILLETTS CREEK
IND. ROUTE 71 BRIDGE 0.5 MI NORTH OF BLANFORD —CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO- GEN (MG/L)	SUS- PENDED SOLIDS (MG/L)	CHROM- IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD- NESS (CACO3) (MG/L)	ALKA- LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770719		0.6		0.00								
770308					0.000					288	183	
761021				0.00	0.000							
760504				0.00	0.000							
760127				0.00	0.000							
750711				0.00	0.000							
750617									295			
750501				0.00	0.000							

BN 01 BEQUILLETTS CREEK
IND. ROUTE 71 BRIDGE 0.5 MI NORTH OF BLANFORD —CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO- GEN (MG/L)	SUS- PENDED SOLIDS (MG/L)	CHROM- IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD- NESS (CACO3) (MG/L)	ALKA- LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
750214								0.70				
750109								0.80				
741216								1.10				
741010				0.00	0.000			0.10				

BO 06 LITTLE VERMILION RIVER
COUNTY ROAD BRIDGE 2 MI SOUTHEAST OF GEORGETOWN
LAB: CHAMPAIGN

DATE	DIS- CHARGE (CFS)	TEMP- ERA- TURE DEG/C	DIS- SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS- PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO- GEN (MG/L)	NO3+NO2 NITRO- GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770520			5.4	7.7			650	0.22	11.0	667				
770316		8.0	11.8	8.2	0.150	0.000	130	0.12	2.9	533		0.3	0.000	
760914		20.5	4.6	7.9	0.160		50000	0.06	0.3	567				
760621			8.2	8.0	0.330		800	0.23	7.9	533				
760504			12.0	8.4	0.060	0.005		0.05	6.8	600	0.1	0.4	0.000	0.00
760304			9.7	8.2	0.250	0.000	280	0.14	8.2	617				
760128		0.0	11.0	8.3	0.090	0.000	90	0.16	6.9	650	0.1	0.4	0.000	0.00
751031		9.5	11.5	8.3	0.020	0.000	10	0.04	0.3	817	0.1		0.000	0.00
750825		28.5		8.5	0.220		32500	0.03	2.0	567				
750729		26.5	7.8	8.7	0.030	0.000	40	0.02	1.9	717	0.1	0.3	0.000	0.00
750627		26.0		8.2	0.280		9000	1.40	8.3	433				
750603		19.5	8.7	8.3	0.110		1500	0.07	10.9	583				
750501		16.0	9.2	8.1	0.140	0.000	1500	0.93	8.3	783	0.0	0.2	0.000	0.00
750221			14.0	8.3	0.050		900	0.00	8.7	567				
750128		0.0	15.0	8.3	0.090	0.000	1600	0.00	8.9	600				
741216		4.5	12.8	8.3	0.080	0.000	80	0.00	6.3	767	0.1	0.0	0.000	0.00
741121			11.2	8.3	0.140	0.000	100	0.10	6.0	700	0.0	0.0	0.000	0.08

BO 06 LITTLE VERMILION RIVER
COUNTY ROAD BRIDGE 2 MI SOUTHEAST OF GEORGETOWN —CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM- IUM (MG/L)	TRI CHROM- IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	BARO- NESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL- NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR- IDE (MG/L)	CHLOR- IDE (MG/L)	SULFATE (SO4) (MG/L)
770316				0.01	0.6	0.12		0.0			0.0	0.2	20	57
760504	0.010	0.00	0.00	0.00	0.2	0.09	0.0	0.0	0.00	0.000	0.0	0.2	18	53
760128	0.000	0.00	0.00	0.26	0.7	0.10	0.0	0.0	0.00	0.000	0.0	0.2	40	45
751031					0.2	0.07	0.0					0.3		
750729	0.002	0.00	0.00	0.01	0.3	0.04	0.0	0.0	0.00	0.000	0.0	0.2	15	125
750501	0.000	0.00	0.00	0.00	0.8	0.00	0.0	0.0	0.00	0.000	0.0	0.4	26	162
741216	0.000	0.00	0.00	0.00	0.2	0.04	0.0	0.0	0.00	0.000	0.0	0.2	15	53
741121	0.000	0.00	0.00	0.00	0.5	0.10	0.0	0.0	0.00	0.000	0.0	0.2	14	46

BO 06 LITTLE VERMILION RIVER
COUNTY ROAD BRIDGE 2 MI SOUTHEAST OF GEORGETOWN —CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO- GEN (MG/L)	SUS- PENDED SOLIDS (MG/L)	CHROM- IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD- NESS (CACO3) (MG/L)	ALKA- LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770316					0.000					251	158	
760504				0.00	0.000							
760128				0.00	0.000							
751031					0.000							
750729				0.00	0.000							
750501				0.00	0.000							
750128								1.00				
741216				0.00	0.000			1.30				
741121				0.00	0.000			1.30				

BP 01 VERMILION RIVER
COUNTY ROAD BRIDGE 3.5 MI SOUTHEAST OF DANVILLE
LAB: CHAMPAIGN DISCHARGE DATA: 03339000 VERMILION RIVER NEAR DANVILLE, IL
DRAINAGE AREA: 1290 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770725	130	27.0	6.0	8.1			150	0.70	3.8	700			0.000	0.02
770418	360	21.0	12.0	8.3	0.350			0.30	6.2	650	0.0	0.2	0.000	0.00
761116	51	3.5	12.0	8.0	2.500	0.005		2.60	2.0	1067	0.1	1.0	0.000	0.05
760929	77	20.0		8.0	1.600			1.20	2.8	817				
760621	422		8.4	7.9	6.400		30000	3.10	3.9	767				
760525	257		9.0	8.1	0.570		4200	0.19	5.1	767				
760304	1710			8.2	0.240		310	0.14	8.2	617				
760127	638	0.0	12.8	8.3	0.300	0.000	10700	0.10	4.3	767	0.1	0.3	0.000	0.00
751020	269	12.0	9.0	8.6	0.580			1.10	2.6	783	0.0	0.3	0.000	0.03
750923	390		9.2	8.3	0.720		700	0.48	7.2	717				
750813	194		6.8	8.5	0.530		30	0.74	3.8	750				
750715	307	23.0		8.3	0.520	0.000	380	0.58	6.9	683	0.1	0.2	0.000	0.02
750624	497	26.0	7.6	8.4	0.390		330	0.63	8.7	633				
750514	560	16.0		8.4	0.340			0.68	7.6	683				
750501	1240	17.0		8.2	0.130	0.000	430	0.91	7.8	783	0.0	0.1	0.000	0.04
750422	502	13.0	16.0	8.9	0.040			0.01	6.9	600				
750331	1800	4.5	12.0	8.3	0.200	0.000	1700	0.26	9.2	567	0.0	0.0	0.000	0.00
750311	1000	3.5	13.1	8.3	0.250		30	0.50	7.9	600				
750127	2480	1.0	13.4	8.6	0.320	0.000	620	0.30	7.4	1450	0.1	0.1	0.000	0.02
741220	760	3.0	14.3	8.4	0.270	0.000	10	0.30	6.6	817				
741108	933	11.0	10.9	8.2	0.460	0.000	700	0.30	4.5	650	0.0	0.1	0.000	0.02
741020	124	14.0	9.6	8.2	1.400	0.000	0	0.20	3.3	1017				

BP 01 VERMILION RIVER
COUNTY ROAD BRIDGE 3.5 MI SOUTHEAST OF DANVILLE --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SELE-NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770725	0.000			0.02	0.8	0.25					0.2		48	100
770418	0.000	0.00	0.00	0.00	0.4	0.10	0.0	0.0	0.00	0.000	0.0	0.4	27	75
761116	0.000	0.00	0.00	0.01	0.7	0.20	0.0	0.0	0.00	0.000	0.4	0.8	78	200
760127	0.000	0.00	0.00	0.00	0.2	0.07	0.0	0.0	0.00	0.000	0.0	0.3	56	60
751020	0.000	0.00	0.00	0.01	0.5	0.20	0.0	0.0	0.00	0.000	0.1	0.4	34	108
750715	0.000	0.00	0.00	0.17	0.9	0.11	0.0	0.0	0.00	0.000	0.2	0.4	27	89
750501	0.000	0.00	0.00	0.00	1.1	0.00	0.1	0.0	0.00	0.000	0.0	0.4	24	160
750331	0.000	0.00	0.00	0.01	1.5	0.00	0.0	0.0	0.00	0.000	0.0	0.2	18	62
750127	0.000	0.00	0.00	0.01	2.0	0.07	0.0	0.0	0.00	0.000	0.0	0.1	19	50
741108	0.000	0.00	0.00	0.01	0.8	0.09	0.0	0.0	0.00	0.000	0.1	0.1	21	71

BP 01 VERMILION RIVER
COUNTY ROAD BRIDGE 3.5 MI SOUTHEAST OF DANVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770725		2.0		0.01			0				180	0
770418				0.00						314	209	
761116				0.00	0.010							
760127				0.00	0.000							
751020				0.00								
750715				0.00	0.000							
750501				0.00	0.000							
750331				0.00								
750127				0.00	0.000			1.60				
741220								1.00				
741108				0.00	0.000			1.10				
741020								0.90				

BPG 02 NORTH FORK VERMILION RIVER
DANVILLE WATER INTAKE - LAKE VERMILION
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770418		21.0	11.6	8.6	0.710			0.00	7.6	650	0.0	0.2	0.000	0.01
770301		3.5	14.1	8.1	0.360	0.006		0.52	1.5	617	0.0	0.9	0.000	0.00
760621			8.4	7.9	6.300		32500	3.10	3.9	783				
760525			9.0	7.6	0.560			0.19	5.1	767				
760304			10.0	8.2	0.100		700	0.11	8.1	583				
760127			11.7	8.3	0.090	0.000	10000	0.78	5.8	667	0.1	0.3	0.000	0.00
751205		10.5	10.6	8.2	0.160		800	0.16	7.7	617				
751030		14.0	9.7	8.6	0.560		100	1.10	2.6	783	0.0	0.3	0.000	0.03
750923			6.0	8.3	0.720		1400	0.46	7.2	717				
750715		25.5		8.2	0.100	0.000	50	0.05	4.0	467	0.1	0.1	0.000	0.00
750624		29.0	6.9	8.4	0.070		90	0.02	7.4	500				
750514		18.0		8.6	0.300			0.03	6.2	633				
750501		17.0	11.4	8.1	0.130	0.000	2600	0.92	8.0	817	0.0	0.2	0.000	0.00
750422			15.5	8.9	0.000			0.01	6.9	617				
750331		5.5	13.2	8.3	0.200	0.000	610	0.26	9.4	550	0.0	0.2	0.000	0.00
750311		3.5	12.8	8.3	0.060		10	0.05	8.0	600				
750127		1.5	13.0	8.2	0.210	0.000	580	0.20	7.7	467	0.1	0.1	0.000	0.00
741220		4.5		8.3	0.120	0.000	40	0.00	7.4	767				
741108		12.0	9.8	8.3	0.120	0.000	60	0.10		650				
741028		14.0	8.4	8.3	0.080	0.000		0.00	1.1	533	0.0	0.2	0.000	0.01

BPG 02 NORTH FORK VERMILION RIVER
DANVILLE WATER INTAKE - LAKE VERMILION --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770418	0.000	0.00	0.00	0.00	0.2	0.04	0.0	0.0	0.00	0.000	0.0	0.5	33	57
770301	0.000	0.00	0.00	0.00	0.8	0.08	0.1	0.0	0.00	0.000	0.0	0.3	23	140
760127	0.000	0.00	0.00	0.00	0.2	0.06	0.0	0.0	0.00	0.000	0.0	0.2	32	53
751030	0.000	0.00	0.00	0.01	0.4	0.15	0.0	0.0	0.00	0.000	0.1	0.4	35	107
750715	0.000	0.00	0.00	0.01	0.6	0.11	0.0	0.0	0.00	0.000	0.0	0.3	17	51
750501	0.000	0.00	0.00	0.00	0.8	0.00	0.1	0.0	0.00	0.000	0.0	0.5	27	168
750331	0.000	0.00	0.00	0.01	1.7	0.10	0.0	0.0	0.00	0.000	0.1	0.2	18	58
750127	0.000	0.00	0.00	0.01	2.4	0.06	0.1	0.0	0.00	0.000	0.0	0.1	13	38
741028	0.000	0.00	0.00	0.01	0.4	0.06	0.1	0.0	0.00	0.000	0.0	0.3	17	55

BPG 02 NORTH FORK VERMILION RIVER
DANVILLE WATER INTAKE - LAKE VERMILION --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770418				0.00						285	205	
770301				0.00	0.000					266	130	
760127				0.00	0.000							
751030				0.00								
750715				0.00	0.000							
750501				0.00	0.000							
750331				0.00								
750127				0.00	0.000			0.90				
741220								1.00				
741108			15					0.70				
741028				0.00	0.000			0.50				

BPG 06 NORTH FORK VERMILION RIVER
ROUTE 119 BRIDGE WEST OF ALVIN
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770718		26.5	4.8	7.9	0.700		740	0.40	1.1	717				
770301		2.0	12.6	8.0	0.380	0.000	30	0.97	1.8	567	0.0	0.4	0.000	0.00
761116		2.0	13.2	8.2	0.490	0.000		0.12	1.5	733	0.1	0.3	0.000	0.00
760621			6.5	8.0	0.480		1700	0.06	7.8	533				
760525			10.1	8.3	0.080			0.10	5.3	767				
760421			10.6	8.4	0.310	0.000	5900	0.20	5.3	608	0.1	0.3	0.000	0.01
760308			10.2	8.1	0.360		2500	0.11	7.3	567				
760127		0.0	12.3	8.2	0.290	0.000	150	1.30	4.2	767	0.1	0.3	0.000	0.00
751031		9.0	11.5	8.3	0.020	0.000	60	0.05	0.3	833	0.1	0.4	0.000	0.00
750923			9.4	8.5	0.130		460	0.04	5.2	600				
750715		21.0		8.1	0.870	0.000	13500	0.57	3.2	617	0.1	0.2	0.000	0.00
750624		25.5	7.1	8.3	0.370		10300	0.17	8.7	617				
750518		16.0		8.3	0.220			0.23	7.2	617				
750501		16.0	9.3	8.5	0.060	0.000	1000	0.05	8.0	583	0.0	0.1	0.000	0.00
750422		13.0	15.4	8.8	0.170			0.07	7.8	617				
750331		5.0	14.3	8.3	0.100	0.000	220	0.05	10.0	550	0.0	0.1	0.000	0.00
750311		3.5	12.5	8.3	0.070		10	0.07	8.1	583				
750127		1.0	13.0	8.1	0.260	0.000	1200	0.10	7.8	350	0.1	0.1	0.000	0.00
741220		3.0		8.4	0.140		0	0.00	7.4	750				
741108		10.0	9.8	8.1	0.130	0.000	1500	0.20	6.8	700	0.0	0.1	0.000	0.00
741028		13.0	9.8	8.2	0.820	0.000	380	0.00	0.7	767				

BPG 06 NORTH FORK VERMILION RIVER
ROUTE 119 BRIDGE WEST OF ALVIN --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770301	0.000	0.00		0.00	0.4	0.14	0.0	0.0	0.00	0.000	0.0	0.2	23	53
761116	0.000	0.00	0.00	0.00	0.2	0.04	0.0	0.0	0.00	0.000	0.0	0.3	26	65
760421	0.000	0.00	0.00	0.04	0.7	0.12	0.0	0.0	0.00	0.000	0.0	0.2	21	56
760127	0.000	0.00	0.00	0.00	0.3	0.06	0.0	0.0	0.00	0.000	0.0	0.3	56	61
751031	0.000	0.00	0.00	0.00	0.2	0.07	0.0	0.0	0.00	0.000	0.0	0.3	22	124
750715	0.000	0.00	0.00	0.04	0.9	0.18	0.0	0.0	0.00	0.000	0.0	0.4	23	68
750501	0.000	0.00	0.00	0.00	0.7	0.30	0.0	0.0	0.00	0.000	0.5	0.2	16	80
750331	0.000	0.00	0.00	0.00	1.5	0.00	0.0	0.0	0.00	0.000	0.0	0.2	15	54
750127	0.000	0.00	0.00	0.00	2.1	0.06	0.0	0.0	0.00	0.000	0.0	0.1	16	39
741108	0.000	0.00	0.00	0.00	0.4	0.06	0.0	0.0	0.00	0.000	0.0	0.0	18	70

BPG 06 NORTH FORK VERMILION RIVER
ROUTE 119 BRIDGE WEST OF ALVIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770718		1.5										
770301				0.00	0.000					249	180	
761116				0.00	0.000							
760421				0.00	0.000							
760127				0.00	0.000							
751031				0.00	0.000							
750715				0.00	0.000							
750501				0.00	0.000							
750331				0.00								
750127				0.00	0.000			0.90				
741220								1.10				
741108				0.00	0.000			1.30				
741028								0.50				

BPG 07 NORTH FORK VERMILION RIVER
ROUTE 1 BRIDGE 2 MI NORTH OF ROSSVILLE
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770301		2.0	10.0	7.9	1.090	0.000	4300	3.10	1.2	717	0.1	0.5	0.000	0.00
761116		1.0	6.7	7.8	2.400	0.005	8000	4.50	0.9	883	0.1	0.5	0.000	0.00
760621			7.3	8.1	0.330		1700	0.06	7.8	533				
760525			10.0	8.3	0.070		30	0.06	5.3	750				
760421			12.7	8.4	0.400	0.000	4500	0.20	5.3	650	0.1	0.3	0.000	0.01
760304			10.0	8.2	0.340		3000	0.18	7.4	550				
760127				7.7	0.300	0.000	10300	0.77	4.3	767	0.1	0.3	0.000	0.00
751031		11.0	8.2	8.3	0.020	0.000	1300	0.02	0.3	800	0.1	0.4	0.000	0.00
750923			9.2	8.4	0.130		450	0.03	5.2	600				
750808		26.0		8.1	1.200		4300	1.20	0.4	767				
750715		21.0		8.3	0.750	0.000	11200	0.55	3.0	617	0.1	0.2	0.000	0.00
750624		25.5	7.5	8.3	0.360		6300	0.17	6.7	633				
750519		15.5		8.3	0.270			0.22	7.2	633				
750501		16.0	7.3	8.5	0.070	0.000	12100	0.06	8.0	567	0.0	0.1	0.000	0.00
750422			14.0	8.8	0.000		50	0.04	6.8	600				
750331		5.5	13.5	8.3	0.180	0.000	180	0.25	9.5	550	0.0	0.2	0.000	0.00
750311		3.5	13.1	8.3	0.080		40	0.06	8.1	583				
750127		1.0	12.3	8.0	0.160	0.000	2600	0.10	8.1	600	0.1	0.0	0.000	0.00
741220		3.5		8.4	0.130	0.000	270	0.00	7.4	767				
741108		10.0	10.2	8.1	0.160	0.000	6000	0.30	7.4	750				
741028		12.0	6.1	7.9	1.200	0.000	7800	1.40	0.7	750				

BPG 07 NORTH FORK VERMILION RIVER
ROUTE 1 BRIDGE 2 MI NORTH OF ROSSVILLE --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770301	0.000	0.00		0.00	0.4	0.14	0.1	0.0	0.00	0.000	0.0	0.4	62	50
761116	0.000	0.00	0.00	0.01	0.5	0.23	0.0	0.0	0.00	0.000	0.0	0.5	51	72
760421	0.000	0.00	0.00	0.05	0.7	0.12	0.0	0.0	0.00	0.000	0.0	0.2	20	59
760127	0.000	0.00	0.00	0.00	0.3	0.06	0.0	0.0	0.00	0.000	0.0	0.3	55	60
751031	0.000	0.00	0.00	0.00	0.2	0.14	0.0	0.0	0.00	0.000	0.0	0.3	21	123
750715	0.000	0.00	0.00	0.05	0.6	0.17	0.0	0.0	0.00	0.000	0.0	0.3	23	68
750501	0.000	0.00	0.00	0.00	0.8	0.00	0.0	0.0	0.00	0.000	0.0	0.2	16	64
750331	0.000	0.00	0.00	0.01	1.6	0.00	0.0	0.0	0.00	0.000	0.0	0.2	19	58
750127	0.000	0.00	0.00	0.00	0.5	0.04	0.1	0.0	0.00	0.000	0.0	0.1	13	47

BPG 07 NORTH FORK VERMILION RIVER
ROUTE 1 BRIDGE 2 MI NORTH OF ROSSVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROH (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770301				0.00	0.010					257	210	
761116				0.00	0.000							
760421				0.00	0.000							
760127				0.00	0.000							
751031				0.00	0.000							
750715				0.00	0.000							
750501				0.00	0.000							
750331				0.00								
750127				0.00	0.000			0.90				
741220								1.10				
741108								1.40				
741028								0.60				

BPJ 03 SALT FORK
COUNTY ROAD BRIDGE 3 MI SOUTH OF OAKWOOD
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770520			6.5	7.8	1.400		580	0.23	11.0	667				
770316		0.5	11.8	8.5	0.780	0.005		2.60	4.8	633		0.4	0.000	
760914		21.0	8.5	8.3	3.600		100	0.92	2.1	683				
760621			8.4	8.0	2.000		900	0.96	6.7	600				
760504			12.5	8.4	0.570	0.005		0.04	6.8	833	0.1	0.5	0.000	0.00
760304			9.6	8.2	0.120		600	0.09	8.0	583				
760126			13.0	7.9	0.110	0.000	170	0.07	9.2	583	0.0	0.5	0.000	0.00
751114		9.0	12.7	8.2	3.400		90	5.50		767				
751016		14.5		8.7	1.100	0.005	100	0.13		717	0.0	0.4	0.000	0.00
750715		21.0		8.5	0.210	0.000	90	0.08	5.5	600	0.1	0.2	0.000	0.00
750627		26.0		8.3	0.410		7000	0.34		467				
750603		19.5	7.8	8.3	0.210		2000	0.06		567				
750501			11.9	8.5	0.070	0.000	1000	0.05		567	0.1	0.0	0.000	0.00
750326		4.5		8.3	0.120		50			567				
750128			13.2	8.2	0.280	0.000	130	0.20		600	0.1	0.0	0.000	0.00
741217		4.5	12.6	8.1	0.490	0.000	520	0.10	6.5	767	0.0	0.0	0.000	0.00
741121		7.0	12.1	8.3	0.480	0.000	120	0.10	6.7	750				

BPJ 03 SALT FORK
COUNTY ROAD BRIDGE 3 MI SOUTH OF OAKWOOD --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770316				0.01	0.3	0.11		0.0			0.0	0.2	39	49
760504	0.010	0.00	0.00	0.04	0.4	0.08	0.0	0.0	0.00	0.000	0.0	0.3	32	160
760126	0.000	0.00	0.00	0.00	0.2	0.00	0.0	0.0	0.00	0.000	0.0	0.2	19	42
751016	0.000	0.00	0.00	0.00	0.2	0.02	0.0	0.0	0.00	0.000	0.0	0.3	26	59
750715	0.000	0.00	0.00	0.04	0.6	0.09	0.0	0.0	0.00	0.000	0.0	0.3	14	88
750501	0.000	0.00	0.00	0.01	0.8	0.10	0.0	0.0	0.00	0.000	0.0	0.2	16	75
750128	0.000	0.00	0.00	0.00	0.5	0.04	0.1	0.0	0.00	0.000	0.0	0.1	20	50
741217	0.000	0.00	0.00	0.01	0.2	0.00	0.4	0.0	0.00	0.000	0.0	0.2	27	53

BPJ 03 SALT FORK
COUNTY ROAD BRIDGE 3 MI SOUTH OF OAKWOOD --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	SBAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770316					0.000					282	187	
760504				0.00	0.000							
760126				0.00								
751016				0.00	0.000							
750715				0.00	0.000							
750501				0.00	0.000							
750326								0.50				
750128				0.00	0.000			0.90				
741217				0.00	0.000			1.50				
741121								1.30				

BPJ 04 SALT FORK
US 150 BRIDGE 0.5 MI WEST OF ST. JOSEPH
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (UG/L)	BORON (MG/L)	CADMIUM (UG/L)	LEAD (UG/L)
770524			6.7	8.2	0.130		590	0.05	12.0	583				
770427		16.5	7.2	8.0	1.500		1100	0.39	7.6	767				
760927		21.0	6.6	7.7	2.900		2300	2.70	2.7	583				
760805			3.7	8.7	1.100	0.005	60	0.03	1.7	617	0.1	0.7	0.000	0.00
760621			7.3	8.1	1.300		280	0.06	3.8	650				
760521			6.2	8.1	3.300		800	2.40	6.2	800				
760423				8.0	1.500	0.005	17000	0.93	6.6	717	0.1	0.5	0.000	0.00
760220		6.0	11.7	7.8	0.260		670	0.33	8.5	617				
760211		1.0	11.4	7.8	0.520		1500	0.77	3.9	317				
760123		1.0	8.7	7.6	0.480	0.000	1000	0.11	17.0	798	0.0	0.3	0.000	0.00
760114				8.0	0.230		29000	0.74	2.9					
751212				8.1	0.540		100	0.58	5.9	717				
751205		9.0	11.0	8.2	0.180		1000	0.20	7.0	617				
751003		12.0	6.4	7.8	3.100	0.005	100	1.30	5.8	717	0.1	0.7	0.000	0.00
750923			6.7	8.5	0.130		560	0.03	5.3	617				
750725				8.2	1.100	0.000	2600	1.60	4.1	667	0.1	0.4	0.000	0.00
750618		21.5	6.3	8.3	1.200		2000	0.45	8.1	667				
750509		18.0	7.6	8.1	1.400		760	0.70	8.0	617				
750502		15.5	9.2	8.2	0.080	0.000	220	0.05	10.0	600	0.0	0.0	0.000	0.00
750325			11.8	8.1	0.060		190	0.09	8.9	617				
750211			11.2	8.0	0.990		310	0.90	8.5	667				
750114		0.0	11.4	8.0	0.480	0.000	0	0.30	9.0	617				
741211		5.5	9.5	8.0	1.900	0.000	1700	2.50	6.5	917				
741009		14.0	7.3	7.9	6.600	0.000	350	2.80	1.6	983				

BPJ 04 SALT FORK
US 150 BRIDGE 0.5 MI WEST OF ST. JOSEPH --CONTINUED

DATE	ARSENIC (UG/L)	HEX CHROM-IUM (UG/L)	TRI CHROM-IUM (UG/L)	COPPER (UG/L)	TOTAL IRON (UG/L)	MANG-ANESE (UG/L)	MERCURY (UG/L)	NICKEL (UG/L)	SEL-ENIUM (UG/L)	SILVER (UG/L)	ZINC (UG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
760805	0.000	0.00	0.00	0.00	0.9	0.11	0.0	0.0	0.00	0.000	0.0	0.4	23	29
760423	0.000	0.00	0.00	0.05	0.6	0.12	0.0	0.0	0.00	0.000	0.0	0.4	38	68
760123	0.000	0.00	0.00	0.02	0.3	0.01	0.0	0.0	0.00	0.000	0.0	0.3	26	51
751003	0.000	0.00	0.00	0.14	0.2	0.06	0.1	0.0	0.00	0.000	0.0	0.8	36	80
750725	0.001	0.00	0.00	0.00	0.4	0.06	0.0	0.0	0.00	0.000	0.0	0.5	41	82
750502	0.000	0.00	0.00	0.00	1.0	0.10	0.0	0.0	0.00	0.000	0.0	0.2	21	56

BPJ 04 SALT FORK
US 150 BRIDGE 0.5 MI WEST OF ST. JOSEPH --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL HITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	HBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
760805				0.00	0.000							
760423				0.00	0.000							
760123				0.00				0.80				
760114									2140			
751003				0.00	0.020			0.80				
750725				0.00	0.000			0.50				
750502				0.00	0.000							
750325								0.50				
750211								0.80				
750114								1.10				
741211								1.70				
741009								0.80				

BPJ 05 SALT FORK
COUNTY ROAD 1 MI NORTH OF SIDNEY
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770520			5.6	8.0	0.370		2300	0.14	12.0	633				
761118		4.5	10.0	8.0	6.200		260	3.50	3.3	1000				
760625			6.6	7.9	0.390		5300	0.38	0.0	583				
760521			6.0	8.2	3.000		290	2.30	6.1	783				
760504			12.3	8.3	0.120	0.000		0.18	6.7	700	0.1	0.5	0.000	0.01
760304			9.4	8.2	0.230		460	0.14	8.1	617				
760126			11.4	7.1	1.100	0.000	170	0.09	29.0	633	0.0	0.9	0.000	0.00
751031		10.5	11.5	8.0	2.900	0.000	40	2.90	3.8	767	0.0	0.5	0.000	0.00
750826		29.0		8.6	0.110		3200	0.01	2.0	617				
750729		25.5	7.7	8.6	0.140	0.000	1900	0.18	6.4	633	0.1	0.0	0.000	0.00
750627		26.0		8.2	0.490		6000	0.34	8.0	450				
750501		17.0	9.1	8.5	0.060	0.000	1100	0.03	7.9	583	0.0	0.0	0.000	0.00
750326		3.5		8.2	0.080		50	0.09	8.8	567				
750221		3.5	13.4	8.2	0.040		60	0.00	8.6	583				
750128			12.3	8.1	0.620	0.000	0	0.60	8.4	650	0.1	0.0	0.000	0.00
741216		3.5	12.4	7.9	0.050	0.000	230	0.00	7.2	700	0.0	0.0	0.000	0.00
741121		6.5	9.7	8.1	1.000	0.000	480	0.50	7.1	650				
741029			7.3	8.1	1.300		1030	0.10	1.4	683				

BPJ 05 SALT FORK
COUNTY ROAD 1 MI NORTH OF SIDNEY —CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
760504	0.000	0.00	0.00	0.09	0.3	0.07	0.0	0.0	0.00	0.000	0.0	0.3	26	65
760126	0.000	0.00	0.00	0.00	0.2	0.00	0.0	0.0	0.00	0.000	0.0	0.3	19	43
751031	0.000	0.00	0.00	0.00	0.2	0.07	0.0	0.0	0.00	0.000	0.0	0.7	37	73
750729	0.001	0.00	0.00	0.05	0.8	0.08	0.0	0.0	0.00	0.000	0.0	0.2	15	45
750501	0.000	0.00	0.00	0.01	0.7	0.10	0.0	0.0	0.00	0.000	0.0	0.2	15	75
750128	0.000	0.00	0.00	0.00	0.6	0.05	0.1	0.0	0.00	0.000	0.0	0.2	26	53
741216	0.000	0.00	0.00	0.00	0.1	0.00	0.4	0.0	0.00	0.000	0.0	0.2	15	52

BPJ 05 SALT FORK
COUNTY ROAD 1 MI NORTH OF SIDNEY --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	ABAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
760504				0.00	0.000							
760126				0.00								
751031				0.00	0.000							
750729				0.00	0.000							
750501				0.00	0.000							
750128				0.00	0.000			1.00				
741216				0.00	0.000			1.40				
741121								1.40				
741029								0.50				

BPJ 06 SALT FORK
I-74 BRIDGE 1 MI NORTH OF ST. JOSEPH
LAB: CHAMPAIGN DISCHARGE DATA: 03336900 SALT FORK NEAR ST. JOSEPH, IL
DRAINAGE AREA: 134 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770524	52		6.7	8.3	0.380		80	0.26	12.0	683				
770427	35	15.5	9.3	8.0	5.500		830	1.30	6.8	767				

BPJ 06 SALT FORK
I-74 BRIDGE 1 MI NORTH OF ST. JOSEPH —CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (UG/L)	BORON (MG/L)	CADMIUM (UG/L)	LEAD (UG/L)
760927	13		9.0	8.1	2.100		1400	0.42	1.4	517				
760805	17		4.5	8.5	1.000	0.005	300	0.05	2.3	617	0.1	0.7	0.000	0.00
760621	30		7.1	8.1	1.200		330	0.07	4.2	633				
760521	34		6.0	8.2	3.400		330	2.30	6.2	800				
760423	46		5.6	7.9	1.600	0.005	10100	0.97	7.8	733	0.1	0.5	0.000	0.00
760312	231	7.0	10.4	7.7	0.290	0.000	450	0.10	9.3	583				
760220	348	5.0	11.3	7.8	0.140		550	0.20	7.6	617				
760123	46		5.9	8.0	0.055	0.000	800	0.75	5.9	750	0.0	0.2	0.000	0.00
760114	70			8.2	0.170		36500	0.56	4.9					
751212	95			8.1	0.070		470	0.16	8.3	633				
751205	132	8.5	10.6	7.4	0.150		1600	0.21	7.8	617				
751003	51	9.5	9.4	8.4	0.570	0.000	730	0.15	4.2	717	0.0	0.4	0.000	0.00
750923	116		6.2	8.4	0.140		1000	0.03	5.2	600				
750725	34			8.2	0.900	0.000	2100	1.60	3.7	667	0.1	0.4	0.000	0.00
750618	97	20.0	6.8	8.4	0.290		2700	0.05	9.0	650				
750509	64	16.5	7.6	8.1	1.500		120	0.70	8.0	633				
750502	97	15.5	9.3	8.2	0.350	0.000	400	0.11	8.7	633	0.1	0.0	0.000	0.00
750325	71	4.5	12.3	8.1	0.060		360	0.08	8.9	583				
750211	110		12.8	8.1	0.320		670	0.20	8.0	600				
750114	266	0.0	12.1	8.1	0.200	0.000	110	0.10	8.5	617				
741211	76	3.5	12.2	8.1	0.450	0.000	350	0.60	6.5	800				
741009	14	14.0	10.9	8.4	2.100	0.000	340	0.00	1.9	1083	0.0	0.3	0.000	0.00

BPJ 06 SALT FORK
I-74 BRIDGE 1 MI NORTH OF ST. JOSEPH --CONTINUED

DATE	ARSENIC (UG/L)	HEX CHROM-IUM (UG/L)	TRI CHROM-IUM (UG/L)	COPPER (UG/L)	TOTAL IRON (UG/L)	MANG-ANESE (UG/L)	MERCURY (UG/L)	NICKEL (UG/L)	SEL-ENIUM (UG/L)	SILVER (UG/L)	ZINC (UG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
760805	0.000	0.00	0.00	0.00	0.6	0.03	0.0	0.0	0.00	0.000	0.0	0.4	23	30
760423	0.000	0.00	0.00	0.06	0.6	0.12	0.0	0.0	0.00	0.000	0.0	0.4	38	68
760123	0.000	0.00	0.00	0.02	0.2	0.00	0.1	0.0	0.00	0.000	0.0	0.3	37	59
751003	0.000	0.00	0.00	0.14	0.2	0.04	0.0	0.0	0.00	0.000	0.0	0.4	30	63
750725	0.001	0.00	0.00	0.00	0.4	0.06	0.0	0.0	0.00	0.000	0.0	0.4	39	81
750502	0.000	0.00	0.00	0.00	1.1	0.00	0.0	0.0	0.00	0.000	0.0	0.3	26	79
741009	0.000	0.00	0.00	0.00	0.2	0.12	0.1	0.0	0.00	0.000	0.0	0.3	116	81

BPJ 06 SALT FORK
I-74 BRIDGE 1 MI NORTH OF ST. JOSEPH --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
760805				0.00	0.000							
760423				0.00	0.000							
760312								1.65				
760123				0.00				0.40				
760114									1150			
751003				0.00	0.000			0.50				
750725				0.00	0.000			0.50				
750502				0.00	0.000							
750211								0.70				
750114								1.00				
741211								1.40				
741009			6	0.00	0.000			0.60				

BPJC01 SALINE BRANCH
I-74 @BRIDGE 1 MI NORTHEAST OF URBANA SEWAGE TREATMENT PLANT
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770524			6.8	8.2	0.140		340	0.08	13.0	667				
770427		18.0	10.6	8.0	6.000		80	2.40	7.2	750				
760927		21.0	5.4	7.4	8.700		70	4.20	4.1	717				
760805			7.2	8.3	0.210	0.000	170	0.04	0.2	683	0.1	0.2	0.000	0.01
760621			7.3	8.1	1.300		600	0.07	3.8	667				
760521			7.6	8.4	0.200		1700	2.40	7.1	717				
760423			5.8	7.9	1.700	0.005	700	0.98	8.7	733	0.1	0.5	0.000	0.00
760220		9.0	11.3	7.4	0.770		1600	1.60	7.7	667				
760211		4.5	11.0	7.8	0.500		1600	0.76	3.9	317				
760128		4.5	11.0	8.1	0.100		780	0.19	7.0	650	0.1	0.3	0.000	0.00
760114				8.0	0.200		50000	0.63	3.9					
751212				8.1	0.550		530	0.58	6.0	717				
751205		10.5	10.7	8.1	0.150		2400	0.14	7.7	583				
751003		15.0	7.3	6.5	3.000	0.005	200	1.30	5.8	833	0.1	0.7	0.000	0.00
750924		17.0	9.2	8.2	0.070			0.09	7.3	650				
750725				8.2	0.880	0.000	2700	1.50	3.7	650	0.1	0.4	0.000	0.00
750618		21.0	6.8	8.2	1.100		250	0.86	7.2	683				
750509		16.0	8.7	7.8	2.200		80	0.97	7.7	667				
750325		4.5	11.5	8.0	0.080		330	0.09	8.9	567				
750114		0.5	11.1	8.0	1.100	0.000	20	0.80	9.0	667				
741211		8.5	10.3	7.9	3.100	0.000	10	2.80	5.6	833				
741009		18.0	5.8	7.4	5.500	0.000	0	4.30	2.7	783				

BPJC01 SALINE BRANCH
I-74 BRIDGE 1 MI NORTHEAST OF URBANA SEWAGE TREATMENT PLANT --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
760805	0.000	0.00	0.00	0.00	2.1	0.13	0.0	0.0	0.00	0.000	0.0	0.3	42	66
760423	0.000	0.00	0.00	0.05	0.7	0.15	0.0	0.0	0.00	0.000	0.0	0.4	38	69
760128	0.000	0.00	0.00	0.26	0.8	0.10	0.0	0.0	0.00	0.000	0.0	0.2	37	45
751003	0.000	0.00	0.00	0.16	0.2	0.06	0.1	0.0	0.00	0.000	0.0	0.8	36	81
750725	0.001	0.00	0.00	0.04	0.5	0.07	0.1	0.0	0.00	0.000	0.1	0.4	39	81

BPJC01 SALINE BRANCH
I-74 BRIDGE 1 MI NORTHEAST OF URBANA SEWAGE TREATMENT PLANT --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	ABAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
760805				0.00	0.000							
760423				0.00	0.000							
760128				0.00	0.000			0.40				
760114									1660			
751003				0.00	0.020			0.80				
750725				0.00	0.000			0.50				
750114								1.10				
741211								1.60				
741009								1.00				

BPJC03 SALINE BRANCH
I-74 BRIDGE 1 MI NORTHWEST OF ST. JOSEPH
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770725		27.0	8.0	8.0			400	1.20	8.4	700				0.00
770524			7.3	8.3	0.120		250	0.03	11.0	683				
770427		18.0	11.4	8.4	0.740		100	0.03	6.0	783				
761216		2.0		7.5	9.500		50	6.00	2.6	867				
760927		21.5	6.7	7.9	3.700		500	4.80	3.6	583				
760805			4.3	8.5	1.000	0.005	20	0.05	2.3	633	0.1	0.7	0.000	0.00
760621			7.3	8.1	1.000		250	0.07	4.9	633				
760521			7.6	8.4	0.180		500	0.09	8.4	683				
760423			5.7	7.8	1.800	0.005	980	1.00	9.6	767	0.1	0.5	0.000	0.00
760220		8.0	10.9	7.8	0.460		720	0.61	8.1	633				
760128		1.0	11.2	8.0	0.170	0.000	9800	0.21	8.2	600	0.1	0.4	0.000	0.00
760114				8.0	0.240		23500	0.71	3.1					
751212				8.1	0.540		110	0.58	6.0	683				
751205		9.5	10.6	8.1	0.070		1000	0.85	7.7	617				
751003		8.5	7.4	8.4	0.580	0.005	670	0.16	8.3	733	0.0	0.4	0.000	0.00
750923			9.3	8.3	0.720		1300	0.42	6.9	717				
750725				8.2	0.970	0.000	2000	1.60	5.7	667	0.1	0.4	0.000	0.00
750618		21.0	6.2	8.2	1.500		40	0.98	7.0	683				
750509		18.5	7.5	8.1	1.300		150	0.69	8.0	633				
750502		16.5	9.2	8.2	0.090	0.000	320	0.05	10.0	567	0.1	0.0	0.000	0.00
750325		8.5	11.9	8.1	0.050		310	0.08	8.9	600				
750211			11.0	8.0	1.000		0	0.80	8.9	683				
750114		0.0	11.3	8.0	0.550	0.000	0	0.40	9.3	633				
741211		6.5	8.9	7.8	2.200	0.000	70	2.30	6.4	850				
741009		15.5	7.0	7.7	9.300	0.000	180	5.60	1.5	883				

BPJC03 SALINE BRANCH
I-74 BRIDGE 1 MI NORTHWEST OF ST. JOSEPH --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770725													46	86
760805	0.000	0.00	0.00	0.02	0.9	0.25	0.0	0.0	0.00	0.000	0.0	0.4	22	30
760423	0.000	0.00	0.00	0.05	0.7	0.03	0.0	0.0	0.00	0.000	0.0	0.4	38	67
760128	0.000	0.00	0.00	0.05	0.5	0.07	0.0	0.0	0.00	0.000	0.0	0.2	23	47
751003	0.000	0.00	0.00	0.13	0.2	0.04	0.0	0.0	0.00	0.000	0.0	0.3	30	64
750725	0.001	0.00	0.00	0.00	0.4	0.06	0.0	0.0	0.00	0.000	0.1	0.4	40	83
750502	0.000	0.00	0.00	0.00	1.0	0.00	0.0	0.0	0.00	0.000	0.0	0.2	21	56

BPJC03 SALINE BRANCH
I-74 BRIDGE 1 MI NORTHWEST OF ST. JOSEPH --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	HBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770725												
760805				0.00	0.000							
760423				0.00	0.000							
760128				0.00	0.000			0.50				
760114									2060			
751003				0.00	0.000			0.80				
750725				0.00	0.000			0.60				
750502				0.00	0.000			0.60				
750211								0.80				
750114								1.10				
741211								1.60				
741009								0.80				

BRJC04 SALINE BRANCH
OFF BANK NORTHWEST CORNER OF URBANA SEWAGE TREATMENT PLANT GROUNDS
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHO	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770524			6.3	8.2	0.280		160	0.12	12.0	600				
770427		19.5		7.7	2.300		320	1.50	7.4	733				
760805			4.3	8.1	3.600	0.000	250	0.64	2.9	883	0.1	0.7	0.000	0.00
760521			7.6	8.3	0.190		2500	0.22	7.1	717				
760504			12.5	8.3	0.750	0.000		0.10	7.4	633	0.1	0.5	0.000	0.00
760220		9.0	12.0	7.8	0.110		2200	0.14	8.5	617				
760211		5.0	11.2	7.7	0.510		1900	0.75	3.7	317				
760128		5.0	11.0	8.2	1.900		480	2.70	5.1	817	0.1	0.4	0.000	0.00
760114				8.1	0.130		27200	0.35	6.1	1033				
751212				8.2	0.090		700	0.13	8.2	667				
751205		10.5	11.4	8.2	0.210		8000	0.76	7.1	567				
751003		14.5	6.3	7.8	3.200	0.005	200	1.30	5.8	733	0.1	0.7	0.000	0.00
750924		18.0	9.4	8.4	0.070		2400	0.08	6.9	683				
750725		24.5		8.3	0.920	0.000	3000	1.50	3.6	633	0.1	0.8	0.000	0.00
750618		22.0	7.1	8.4	0.110		7800	0.14	9.3	633				
750509		15.5	9.9	8.2	0.170		7400	0.14	9.0	617				
750325		4.5	11.1	8.1	0.060		220	0.09	8.9	600				
750211			12.3	8.1	0.140		1200	0.10	9.2	683				
750114		0.0	12.1	8.1	0.150	0.000	440	0.10	9.6	617				
741212		7.0	12.0	8.1	0.100	0.000	2900	0.00	6.1	850				
741009		14.5	5.9	7.7	0.660	0.000	132000	0.80	0.7	800				

BRJC04 SALINE BRANCH
OFF BANK NORTHWEST CORNER OF URBANA SEWAGE TREATMENT PLANT GROUNDS --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
760805	0.000	0.00	0.00	0.00	2.1	0.14	0.0	0.0	0.00	0.000	0.0	0.7	77	89
760504	0.000	0.00	0.00	0.01	0.1	0.01	0.0	0.0	0.00	0.000	0.0	0.3	24	50
760128	0.000	0.00	0.00	0.01	0.3	0.07	0.0	0.0	0.00	0.000	0.0	0.4	50	67
751003	0.000	0.00	0.00	0.15	0.2	0.07	0.1	0.0	0.00	0.000	0.0	0.7	37	80
750725	0.001	0.00	0.00	0.00	0.4	0.06	0.0	0.0	0.00	0.000	0.1	0.5	40	82

BRJC04 SALINE BRANCH
OFF BANK NORTHWEST CORNER OF URBANA SEWAGE TREATMENT PLANT GROUNDS --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL & GREASE (MG/L)	ABAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
760805				0.00	0.000							
760504				0.00	0.000							
760128				0.00	0.000			0.50				
751003				0.00	0.020			0.80				
750725				0.00	0.000			0.50				
750325								0.50				
750211								0.70				
750114								1.10				
741212								1.40				
741009								0.40				

BPK 04 MIDDLE FORK VERMILION RIVER
US 150 BRIDGE 3 MI EAST OF OAKWOOD
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770426		18.0	14.7	8.5	0.000		20	0.03	5.0	717				
770316		8.5	11.8	8.5	0.750	0.000	10		4.9	633		0.4	0.000	
761130		0.0		8.3	0.030			0.02	0.0	1133				
760929		18.5		8.3	0.050		90	0.07	0.2	1100				
760621			7.2	7.9	3.400		50	1.20	3.8	717				
760304			9.2	8.2	0.320		300	0.11	8.2	667				
760123			11.8	8.1	0.180	0.000	210	0.08	8.2	667	0.1	0.5	0.000	0.00
751031		10.5	11.0	8.0	2.700	0.005	10	3.00	3.9	783	0.1	0.5	0.000	0.00
750813			9.7	8.7	3.300		230	0.08	1.7	783				
750715		21.0		8.5	0.100	0.000	80	0.01	5.4	617	0.1	0.2	0.000	0.00
750603		19.5		8.3	0.260		2100	0.05	10.2	617				
750501		16.0	7.4	8.5	0.060	0.000	2300	0.04	7.9	567	0.0	0.1	0.000	0.00
750331		6.0	13.6	8.3	0.100		490	0.05	10.0	533				
750121		1.0	14.4	8.3	0.080	0.000	80	0.00	8.1	633				
741219		3.0	14.0	8.3	0.070	0.000	80	0.10	7.6	750	0.0	0.1	0.000	0.00
741115		1.5	12.5	8.2	0.230	0.000	900	0.10	6.9	767	0.1	0.1	0.000	0.00
741021		8.5	11.4	8.2	0.050	0.000	170	0.00	0.1	950				

BPK 04 MIDDLE FORK VERMILION RIVER
US 150 BRIDGE 3 MI EAST OF OAKWOOD --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770316				0.01	0.3	0.11		0.0			0.0	0.2	39	45
760123	0.000	0.00	0.00	0.01	0.3	0.00	0.0	0.0	0.00	0.000	0.0	0.3	22	45
751031	0.000	0.00	0.00	0.00	0.2	0.06	0.0	0.0	0.00	0.000	0.0	0.6	35	74
750715	0.000	0.00	0.00	0.03	0.5	0.07	0.0	0.0	0.00	0.000	0.0	0.3	14	87
750501	0.000	0.00	0.00	0.00	0.9	0.00	0.2	0.0	0.00	0.000	0.0	0.2	16	80
741219	0.000	0.00	0.00	0.00	0.3	0.00	0.2	0.0	0.00	0.000	0.0	0.2	15	76
741115	0.000	0.00	0.00	0.00	0.7	0.07	0.0	0.0	0.00	0.000	0.0	0.3	17	68

BPK 04 MIDDLE FORK VERMILION RIVER
US 150 BRIDGE 3 MI EAST OF OAKWOOD --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	PHAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770316					0.000					284	186	
760123				0.00								
751031				0.00	0.000							
750715				0.00	0.000							
750501				0.00	0.000							
750121								0.90				
741219	2			0.00	0.000			1.10				
741115				0.00	0.000			1.40				
741021								0.40				

BPK 05 MIDDLE FORK VERMILION RIVER
US 136 BRIDGE 2 MI WEST OF ROUTE 49
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770301		3.5	11.7	7.9	0.380	0.007		0.93	1.7	433	0.0	0.4	0.000	0.00
761116		1.0	11.9	8.0	0.240	0.005	100	0.03	0.2	717	0.1	0.2	0.000	0.00
760621			6.8	7.9	6.600			3.00	3.8	792				

BPK 05 MIDDLE FORK VERMILION RIVER
US 136 BRIDGE 2 MI WEST OF ROUTE 49 --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
760525			10.1	8.3	0.080			0.10	5.3	750				
760421			10.8	8.3	0.250	0.000	5000	0.17	5.3	633	0.1	0.3	0.000	0.01
760304				8.2	0.380		2400	0.22	8.0	550				
760127		0.0	11.7	8.4	0.009	0.000	150	0.15	5.9	667	0.1	0.3	0.000	0.00
751031		10.0	11.7	8.3	0.020	0.005	10	0.07	0.3	783	0.1	0.4	0.000	0.00
750923			5.9	8.3	0.720		540	0.43	7.3	683				
750808		25.5	7.5	8.2	0.140		3500	0.07	3.8	533				
750715		20.0		8.5	0.170	0.000	430	0.03	7.0	583	0.1	0.1	0.000	0.00
750624		23.5	7.4	8.2	0.660		9300	0.34	8.5	517				
750514		15.0		8.4	0.040			0.02	7.6	617				
750501		16.0	11.4	8.2	0.120	0.000	1300	0.92	7.7	817	0.0	0.1	0.000	0.00
750422		13.0	15.5	8.8	0.000			0.07	7.8	583				
750331			11.9	8.3	0.100	0.000	230	0.06	10.0	550	0.0	0.1	0.000	0.00
750311		3.5	12.8	8.2	0.070		140	0.04	9.4	583				
750127		1.0	12.0	7.6	0.260	0.000	890	0.00	9.2	517	0.1	0.1	0.000	0.00
741220		3.0		8.4	0.140		0	0.00	7.4	767				
741108		9.0	10.5	8.1	0.220	0.000	700	0.10	7.3	683	0.0	0.1	0.000	0.00
741028		12.0	7.2	8.1	0.180	0.000	400	0.00	0.1	750				

BPK 05 MIDDLE FORK VERMILION RIVER
US 136 BRIDGE 2 MI WEST OF ROUTE 49 --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770301	0.000	0.00	0.00	0.00	0.9	0.10	0.1	0.0	0.00	0.000	0.0	0.2	21	48
761116	0.000	0.00	0.00	0.02	0.2	0.06	0.0	0.0	0.00	0.000	0.0	0.3	24	63
760421	0.000	0.00	0.00	0.04	0.6	0.12	0.0	0.0	0.00	0.000	0.0	0.2	20	56
760127	0.000	0.00	0.00	0.01	0.4	0.06	0.0	0.0	0.00	0.000	0.0	0.3	33	55
751031	0.000	0.00	0.00	0.00	0.2	0.15	0.0	0.0	0.00	0.000	0.0	0.3	22	126
750715	0.000	0.00	0.00	0.00	0.9	0.08	0.0	0.0	0.00	0.000	0.0	0.3	15	53
750501	0.000	0.00	0.00	0.00	0.8	0.00	0.0	0.0	0.00	0.000	0.0	0.5	26	175
750331	0.000	0.00	0.00	0.00	1.5	0.00	0.0	0.0	0.00	0.000	0.1	0.2	15	54
750127	0.000	0.00	0.00	0.00	1.5	0.05	0.1	0.0	0.00	0.000	0.0	0.1	14	36
741108	0.000	0.00	0.00	0.00	0.6	0.05	0.0	0.0	0.00	0.000	0.0	0.1	17	61

BPK 05 MIDDLE FORK VERMILION RIVER
US 136 BRIDGE 2 MI WEST OF ROUTE 49 --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770301				0.00	0.000					182	115	
761116				0.00	0.000							
760421				0.00	0.000				464			
760127				0.00	0.000							
751031				0.00	0.000							
750715				0.00	0.000							
750501				0.00	0.000							
750331				0.00								
750127				0.00	0.000			1.00				
741220								1.10				
741108				0.00	0.000			1.40				
741028								0.30				

BPK 06 BIG FOUR DITCH
US 45 BRIDGE 3 MI SOUTHWEST OF PAXTON
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	LEAD (MG/L)
770520			5.2	7.7	1.300		2100	0.21	12.0	667				
770314		6.0	14.6	8.0	0.240	0.005	70	0.40	9.1	617	0.2	0.5	0.000	
761118		4.5	11.8	8.1	0.320			0.05	0.0	800				
760621			6.4	7.8	6.200			3.00	3.9	783				
760525			10.4	8.3	0.070			0.05	5.3	750				
760504			11.9	8.2	2.400	0.000		2.00	6.8	767	0.1	0.6	0.000	0.00
760304				8.2	0.370		2700	0.23	8.2	567				
760211		0.5	11.3	7.7	0.510		1900	0.73	3.9	317				
760128		0.0	12.7	8.2	1.800		450	2.70	5.2	833	0.1	0.4	0.000	0.02
751215				7.9	0.580		18000	0.21	10.0	450				
751107		13.5	8.7	8.2	0.140	0.005	6600	0.08	4.4	617	0.1	0.2	0.000	0.15
750916		21.0	9.2	8.5	0.040		850	0.03	1.2	667				
750811			8.2	8.5	0.090		1400	0.01	0.2	617				
750714		21.0	8.5	8.4	0.120	0.000	1100	0.06	7.2	583	0.1	0.1	0.000	0.00
750620		24.5	7.7	8.4	0.110		1900	0.06	11.5	617				
750507		16.0	9.0	8.5	0.190		240	0.03	8.8	583				
750403		5.5	11.7	8.3	0.110		5300	0.19	9.4	567				
750321		10.0	10.9	8.3	0.100		130	0.03	9.5	567				
750226		2.0	12.5	7.8	0.270	0.000	270	0.20	9.1	450	0.1	0.0	0.000	0.00
750117		0.0	12.5	8.1	1.400	0.000	340	0.10	11.0	583				
741206		3.0	15.5	8.3	0.180	0.000	310	0.10	6.7	767				
741113		7.0	11.7	8.1	0.230	0.000	1800	0.10	8.3	717				
741007		12.0	9.9	8.2	0.110	0.000	110	0.00	1.3	933				

BPK 06 BIG FOUR DITCH
US 45 BRIDGE 3 MI SOUTHWEST OF PAXTON --CONTINUED

DATE	ARSENIC (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770314	0.000	0.00	0.00	0.00	0.4	0.12	0.0	0.0	0.00	0.000	0.0	0.2	30	99
760504	0.000	0.00	0.00	0.01	0.1	0.03	0.0	0.0	0.00	0.000	0.0	0.4	37	66
760128	0.000	0.00	0.00	0.01	0.3	0.08	0.0	0.0	0.00	0.000	0.0	0.4	49	66
751107	0.000	0.00	0.00	0.02	2.6	0.13	0.0	0.0	0.00	0.000	0.6	0.2	19	50
750714	0.000	0.00	0.00	0.08	1.5	0.06	0.0	0.0	0.00	0.000	0.0	0.3	166	53
750226	0.000	0.00	0.00	0.00	3.3	0.05	0.0	0.0	0.00	0.000	0.0	0.2	10	40

BPK 06 BIG FOUR DITCH
US 45 BRIDGE 3 MI SOUTHWEST OF PAXTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	KJEL NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL SULFUR (S) (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770314					0.000					289	133	
760504				0.00	0.000							
760128				0.00	0.000			0.50				
751107				0.00	0.000			0.20				
750714				0.00	0.000			0.40				
750226				0.00	0.000							
750117								1.10				
741206			4					1.30				
741113								1.40				
741007								0.70				

C 01 LITTLE WABASH RIVER
ROUTE 141 BRIDGE AT NEW HAVEN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770622		25.0	9.7	8.2	0.070		70	0.10	0.0	650				
770527		26.0	8.5	8.0	0.060	0.005	20	0.10	0.3	633	0.00	0.0	0.000	66
770428		15.0	6.6	7.6	0.140		150	0.30	1.0	558				
770325		10.0	8.5	7.4	0.190		120	0.25	0.7	533				
770225		3.0	9.8	7.4	0.400	0.010	300	0.75	1.3	442	0.00	0.0	0.000	65
770128			7.9	7.5	0.050			0.25	0.1	750				
761230		0.0		7.9	0.070		20	0.10	0.2	767				
761124		4.0	10.0	7.7	0.070	0.005	10	0.05	0.1	650	0.00	0.0	0.000	45
761029		10.0	9.1	7.7	0.100		0	0.15	0.5	550				
760922		23.5	10.0	8.0	0.250		100	0.05	0.3	375				
760831		23.5	8.0	7.6	0.100	0.015	50	0.05	0.3	433	0.01	0.0	0.000	35
760728		29.0	4.8	7.6	0.150		50	0.40	0.3	683				
760624		24.0	5.3	7.5	0.300		760	0.20	2.0	650				
760528		20.0	6.0	7.7	0.300	0.005	90	0.40	0.4	967	0.02	0.0	0.000	150
760429		19.0	8.9	7.9	0.100		140	0.20	0.4	917				
760305		12.0	7.6	7.2	0.300		120	0.25	1.2	483				
760217		7.0	10.1	7.8	0.270	0.005	70	1.00	1.0	600	0.02	0.0	0.000	75
760121		0.5	14.3	7.3	0.300		1600	0.60	0.9	600				
751203		7.0	8.2	7.0	0.200		24000	0.50	1.1	400				
751120		10.5	9.1	7.7	0.110	0.010	60	0.10	0.3	683	0.02	0.0	0.000	35
751006		17.0	7.3	7.6	0.070		350	0.05	0.8	517				
750922		16.0	5.3	7.6	0.110		100	0.05	0.9	400				
750821		25.0	5.1	7.4	0.210	0.004	190	0.20	0.5	367	0.02	0.0	0.000	25
750708		28.5	5.7	7.3	0.260		30	0.20	1.9	383				
750623		26.0	4.1	7.5	0.160		200	0.10	1.8	553				
750506		20.0	6.3	7.7	0.250	0.003	220	0.15	1.9	317	0.00	0.0	0.000	48
750402		9.0	9.6	7.1	0.290		530	0.20	0.8	250				
750311		4.5	10.5	7.2	0.270		190	0.20	0.9	267				
750204		4.5	11.9	7.4	0.290	0.000	500	0.30	1.3	350	0.01	0.0	0.000	70
750106		4.0	10.9	7.3	0.250	0.005	1400	0.17	1.0	383				
741204		5.0	10.6	7.7	0.220	0.005	250	0.12	0.8	750				
741119		8.5	9.2	7.8	0.200	0.005	290	0.13	1.1	467	0.00	0.0	0.000	80
741001		15.5	6.6	6.9	0.490	0.015	3000	0.15	0.7	267				

C 01 LITTLE WABASH RIVER
ROUTE 141 BRIDGE AT NEW HAVEN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770527	0.000	0.3	0.4	0.010	0.00	0.00	0.00	1.1	0.43	0.0	0.00	0.0	0.2	56
770225	0.002	0.0	0.4	0.000	0.00	0.03	0.03	4.0	0.48	0.3	0.00	0.0	0.2	56
761124	0.000	0.1	0.2	0.000	0.00	0.02	0.00	0.6	0.49	0.0	0.00	0.0	0.2	80
760831	0.000	0.0	0.2	0.000	0.00	0.00	0.03	1.2	0.35	0.0	0.00	0.0	0.2	45
760528	0.000	0.1	0.3	0.000	0.00	0.00	0.02	1.7	1.10	0.2	0.00	0.0	0.2	138
760217	0.000	0.0	0.3	0.000	0.00	0.02	0.05	1.0	0.50	0.0	0.00	0.1	0.2	120
751120	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.7	0.65	0.0	0.00	0.0	0.3	100
750821	0.001	0.0	0.1	0.000	0.00	0.00	0.00	3.0	0.50	0.4	0.00	0.0	0.2	42
750506	0.000	0.0	0.2	0.000	0.00	0.00	0.00	2.4	0.00	0.0	0.00	0.0	0.2	18
750204	0.001	0.1	0.3	0.000	0.00	0.00	0.00	5.6	0.24	0.0	0.00	0.0	0.2	30
741119	0.000	0.0	0.1	0.000	0.00	0.00	0.00	2.0	0.24	0.0	0.00	0.0	0.2	45

C 01 LITTLE WABASH RIVER
ROUTE 141 BRIDGE AT NEW HAVEN --CONTINUED

DATE	CHROMIUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770527	0.00	0.000					
770225	0.03	0.005					
761124	0.02	0.000					
760831	0.00	0.005					
760528	0.00	0.000	0.40				
760217		0.000	0.20				
751120		0.010	0.20				
750821		0.000	0.20				
750506		0.000	0.20				
750204		0.000	0.10				
741204			0.30				
741119		0.002	0.40				
741001			0.30				

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE
LAB: MARION DISCHARGE DATA: 03381500 LITTLE WABASH RIVER AT CARMI, IL
DRAINAGE AREA: 3102 RATIO: 1.00

DATE	DISCHARGE (CFS)	TEMPERATURE DEG/C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NO3+NO2 NITROGEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770622	54	25.0	8.6	8.3	0.120	0.005	12000	0.15	0.1	750	0.00	0.0	0.000	67
770527	95	24.0	6.7	7.8	0.110		6200	0.30	0.3	683				
770428	1050	14.5	7.8	7.7	0.160		270	0.25	0.5	650				
770325	693	8.5	10.2	7.7	0.180	0.008	160	0.30	0.6	633	0.00	0.0	0.000	115
770225	1570	4.5	10.0	7.4	0.450		910	0.55	1.6	483				
770128	31	0.0	12.6	7.7	0.090		24000	0.40	0.3	883				
761230	35	1.0	31.3	8.1	0.100	0.010	14000	0.30	0.3	750	0.01	0.0	0.000	60
761124	31	3.5	12.0	7.9	0.150		4600	0.20	0.6	800				
761029	76	10.0	9.5	7.6	0.290		6800	0.20	0.5	533				
760922	24	20.0	8.1	7.6	0.400	0.000	38000	0.30	0.5	633	0.01	0.0	0.000	30
760831	28	25.0	7.6	7.7	0.080		120	0.10	0.2	500				
760728	458	28.0	5.9	7.7	0.200		500	0.20	0.1	917				
760624	252	23.5	6.7	7.6	0.200	0.010	13000	0.50	1.3	700	0.03	0.0	0.000	75
760528	334	20.0	6.8	7.7	0.400		6400	0.40	0.1	1083				
760429	346	16.0	9.0	7.8	0.200		320	0.15	0.4	933				
760330	2670	14.5	7.9	7.4	0.400	0.001	11000	0.20	4.0	567	0.02	0.0	0.000	100
760227	3580	10.0	8.1	7.1	0.470		780	0.45	1.9	400				
760120	1090	0.0	15.2	7.4	0.450		1100	0.30	1.7	550				
751202	2570	7.0	8.0	7.4	0.950	0.000	15000	0.45	1.0	400	0.02	0.0	0.000	100
751120	183	9.5	8.9	7.6	0.160		800	0.20	0.3	667				
751006	70	18.0	8.7	7.6	0.180		60000	0.15	0.4	483				
750922	214	15.5	7.6	7.5	0.160	0.010	330	0.20	0.8	433	0.01	0.0	0.000	37
750818	981	24.0	6.2	7.1	0.260		6500	0.30	0.5	333				
750730	921	27.0	10.2	7.0	0.230		2000	0.25	0.8	283				
750623	338	27.0	6.1	7.6	0.290	0.007	300	0.20	1.4	442	0.07	0.0	0.000	42
750505	13300	19.5	5.8	7.2	0.290		560	0.27	0.6	233				
750401	11600	8.5	10.4	7.2	0.280		1200	0.24	0.8	267				
750311		4.5	10.6	7.1	0.250	0.000	360	0.20	0.9	283	0.02	0.0	0.000	50
750203	8950	6.5	19.0	6.1	0.200		0	0.00	2.2					
741217	2430	8.5	10.7	7.7	0.100	0.005	0	0.05	4.1	450	0.00	0.0	0.000	65
741119	1850	8.5	10.0	7.7	0.190	0.000	560	0.12	1.1	483				
741002	2790	14.0	7.2	6.7	0.380	0.005	4100	0.12	0.8	283				

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANGANESE (MG/L)	MERCURY (UG/L)	SELENIUM (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)
770622	0.004	0.1	0.3	0.000	0.00	0.00	0.02	0.6	0.52	0.0	0.00	0.0	0.3	85
770325	0.000	0.1	0.4	0.000	0.00	0.00	0.04	3.2	0.50	0.0	0.00	0.0	0.2	67
761230	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.3	0.47	0.0	0.00	0.0	0.2	100

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
760922	0.001	0.0	0.2	0.000	0.00	0.04	0.02	1.4	0.53	0.0	0.00	0.0	0.2	100
760728		0.0												
760624	0.000	0.2	0.2	0.000	0.00	0.00	0.03	2.0	1.27	0.1	0.00	0.0	0.2	95
760330	0.000	0.0	0.3	0.010	0.00	0.04	0.05	6.4	0.65	0.3	0.00	0.1	0.2	50
751202	0.001	0.0	0.6	0.000	0.00	0.00	0.00	5.0	0.97	3.3	0.00	0.0	0.1	80
750922	0.000	0.0	0.1	0.010	0.00	0.00	0.00	3.6	0.41	0.0	0.00	0.0	0.3	60
750623	0.001	0.0	0.2	0.000	0.00	0.00	0.17	2.0	0.35	0.0	0.00	0.0	0.3	41
750311	0.000	0.0	0.3	0.000	0.00	0.00	0.00	9.0	0.15	0.1	0.00	0.0	0.1	28
741217		0.0	0.2	0.000	0.00	0.00	0.00	1.8	0.28	0.0		0.0	0.5	20

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770622	0.00	0.000					
770325	0.00	0.020					
761230		0.000					
760922	0.04	0.010					
760624	0.00	0.010					
760330	0.04	0.010	0.30				
751202		0.010	0.10				
750922		0.010	0.20				
750623		0.000	0.30				
750311		0.000	0.10				
750203				218			28
741217		0.000	0.10				
741119			0.30				
741002			0.20				

C 03 LITTLE WABASH RIVER
CHERRY SHOALS BRIDGE 2 MI WEST OF CROSSVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770622		24.5	7.3	7.8	0.110		40	0.10	0.3	817				
770527		23.0	3.7	7.5	0.090		60	0.20	0.4	667				
770428		14.5	8.3	7.5	0.200	0.008	70	1.00	0.6	758	0.00	0.0	0.000	90
770325		8.0	8.5	7.6	0.190		80	0.35	0.8	633				
770225		0.5	9.7	7.3	0.400		70	0.90	1.3	467				
761230		0.0		7.9	0.070			0.15	0.0	833				
761124		2.0	6.0	7.4	0.170		30	0.15	0.4	700				
761029		8.5	4.8	7.3	0.200	0.030	80	0.15	0.3	633	0.00	0.0	0.000	25
760922		19.5	4.2	7.4	0.200		70	0.25	0.7	417				
760831		24.5	2.6	7.1	0.100		120	0.05	0.8	350				
760728		25.5	2.5	7.5	0.200	0.010	60	0.20	0.1	1033	0.01	0.0	0.000	50
760624		23.0	3.0	7.5	0.200		400	0.40	1.0	833				
760528		20.0	4.0	7.6	0.200		30	0.35	0.1	1167				
760429		15.5	5.7	7.7	0.100	0.010	180	0.35	1.4	1017	0.03	0.0	0.000	100
760330		14.5	7.6	7.4	0.350		16000	0.25	3.5	567				
760227		10.0	8.1	7.0	0.530		180	0.45	1.8	383				
760120		0.0	14.2	7.5	0.380	0.004	700	0.50	1.7	533	0.02	0.0	0.000	70
751202		0.0	7.7	7.1	0.900		11000	0.35	1.0	317				
751120		9.5	9.0	7.6	0.170		120	0.05	0.0	633				
751006		18.0	10.0	7.9	0.180	0.002	480	0.10	0.4	450	0.01	0.0	0.000	32
750922		16.0	5.9	7.4	0.200		780	0.15	0.7	433				
750818		24.0	3.2	7.2	0.190		3900	0.30	0.5	283				
750730		26.5	4.4	6.8	0.220	0.008	310	0.20	6.0	292	0.00	0.0	0.000	30
750623		28.0	3.6	7.5	0.280		100	0.18	1.6	442				
750505		19.5	5.2	7.4	0.280		80	0.22	0.8	267				

C 03 LITTLE WABASH RIVER
CHERRY SHOALS BRIDGE 2 MI WEST OF CROSSVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
750801		8.5	9.4	6.6	0.270	0.000	790	0.21	5.4	300	0.02	0.0	0.000	57
750311		4.5	10.7	7.2	0.220		20	0.20	0.9	283				
750203		4.5	12.5	7.1	0.270		490	0.30	1.3	383				
750102		5.5	11.4	6.0	0.320	0.000	1400	0.25	11.0		0.01	0.0	0.000	60
741217		4.0	11.2	7.6	0.230	0.005	400	0.15	1.4	550				
741119		8.0	9.0	7.5	0.250	0.000	750	0.15	1.2	467				
741002		14.5	7.4	6.5	0.380	0.005	2500	0.12	5.0	283	0.05	0.0	0.000	30

C 03 LITTLE WABASH RIVER
CHERRY SHOALS BRIDGE 2 MI WEST OF CROSSVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770428	0.001	0.0	0.8	0.000	0.00	0.00	0.02	2.0	0.46	0.0	0.00	0.0	0.3	90
761029	0.000	0.0	0.1	0.000	0.00	0.02	0.00	1.0	0.54	0.0	0.00	0.1	0.2	85
760728	0.001	0.1	0.1	0.000	0.00	0.10	0.05	1.2	1.50	0.0	0.00	0.0	0.3	150
760429	0.000	0.0	0.4	0.000	0.00	0.00	0.05	1.4	1.07	0.2	0.00	0.0	0.3	140
760120	0.000	0.1	0.2	0.010	0.00	0.03	0.00	5.4	0.35	0.2	0.00	0.1	0.2	70
751006	0.000	0.0	0.1	0.020	0.00	0.00	0.00	1.9	0.82	0.0	0.00	0.0	0.3	47
750730	0.001	0.0	0.2	0.000	0.00	0.00	0.00	3.4	0.33	0.2	0.00	0.0	0.3	28
750401	0.000	0.0	0.2	0.000	0.00	0.00	0.00	6.1	0.20	0.1	0.00	0.0	0.6	27
750102	0.000	0.0	0.3	0.000	0.00	0.00	0.00	5.7	0.37	0.0	0.00	0.0	0.2	45
741002	0.000	0.0	0.2	0.000	0.00	0.00	0.00	5.0	0.20	0.2	0.00	0.0	0.2	41

C 03 LITTLE WABASH RIVER
CHERRY SHOALS BRIDGE 2 MI WEST OF CROSSVILLE --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770428	0.00	0.000					
761029	0.02	0.010					
760728	0.10	0.005					
760429	0.00	0.000	0.20				
760120		0.000	0.30				
751006		0.010	0.20				
750730			0.50				
750801		0.000	0.40				
750102		0.000	0.40				50
741217			0.10				
741119			0.40				
741002		0.000	0.50				

C 06 LITTLE WABASH RIVER
ROUTE 32 BRIDGE 2 MI NORTHWEST OF EFFINGHAM
LAB: MARION DISCHARGE DATA: 03378635 LITTLE WABASH RIVER NEAR EFFINGHAM, IL
DRAINAGE AREA: 240 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770920	18	18.5	9.4	7.8	0.230		3300	0.10	0.1	367				
770802	3.7	24.5		8.0	0.150	0.005	4500	0.30	0.4	333	0.00	0.0	0.000	30
770712	6.9	24.0	5.8	7.8	0.090		520	0.15	0.0	567				
770614	12	20.5	9.1	8.0	0.100		700	0.20	0.1	633				
770503	22	16.5	8.6	8.0	0.070	0.005	310	0.25	1.6	617	0.00	0.0	0.000	75
770406	98	6.0	11.7	8.0	0.200		50	0.05	1.8	567				
770215	70		12.4	7.7	0.560		720	0.65	1.6	300				
761220	0.00	0.5		8.0	0.050		160	0.00	0.0	867				
761117	0.05	1.5	6.6	7.6	0.150	0.007	0	0.00	0.1	783	0.01	0.0	0.000	75

C 06 LITTLE WABASH RIVER
ROUTE 32 BRIDGE 2 MI NORTHWEST OF EFFINGHAM --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
761019	0.00	6.5	6.0	7.5	0.280		20	0.00	0.0	733				
760908	0.00	18.5	6.0	7.7	0.150		100	0.25	0.2	617				
760804	6.0	19.0	7.0	7.5	0.220		1200	0.20	0.3		0.00	0.0	0.000	160
760713	0.00	21.5	5.6	7.8	0.080		6000	0.10	0.1	683				
760603	32	16.5	8.1	7.9	0.200		2400	0.30	1.7	567				
760513	8.1	16.5	8.1	7.9	0.050	0.005	40	0.10	0.3	683	0.00	0.0	0.000	60
760406	47	9.0	11.1	7.9	0.050		70	0.00	1.1	633				
760323	93	10.5	10.9	8.0	0.100		260	0.00	1.4	600				
760203	25	0.0	14.1	8.0	0.120	0.003	20	0.15	1.4	600	0.01	0.0	0.000	55
760123	20	0.0	12.5	7.9	0.000		100	0.35	1.6	650				
751202	131	1.5	12.7	7.9	0.250		2700	0.15	1.8	450				
751104	25	14.0	7.3	7.9	0.130	0.004	370	0.10	0.0	633	0.00	0.0	0.000	55
751021	30	14.5	9.7	7.7	0.080		160	0.00	0.2	550				
750903	40	24.0	7.2	7.9	0.100		820	0.10	0.9	433				
750805	6.4	23.0	7.0	8.2	0.100	0.007	490	0.05	0.2	600	0.01	0.0	0.000	50
750701	42	23.5	8.0	7.9	0.180		1200	0.00	1.9	550				
750609	110	24.5	8.0	8.0	0.130		600	0.05	2.6	500				
750507	94	19.5	8.2	8.0	0.100	0.000	200	0.00	2.1	533	0.00	0.0	0.000	64
750408	139	6.0	10.7	8.0	0.130		80	0.03	2.4	533				
750306	132	1.5	11.6	7.9	0.110		360	0.10	2.6	583				
750220	265	0.0	13.3	7.9	0.120	0.000	70	0.20	3.0	483	0.00	0.0	0.000	70
750113	1500		13.4	7.8	0.160		570	0.08	2.0	533				
741202	70	2.0	12.7	8.0	0.070	0.005	60	0.00	1.1	483				
741028	38	13.5	9.0	7.7	0.100	0.005	200	0.00	0.0	600	0.01	0.0	0.000	60
741008	42	10.0	10.3	7.9	0.050	0.005	100	0.00	0.1	617				

C 06 LITTLE WABASH RIVER
ROUTE 32 BRIDGE 2 MI NORTHWEST OF EFFINGHAM --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-NIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770802	0.002	0.1	0.2	0.000	0.00	0.00	0.00	2.0	0.30	0.0	0.00	0.0	0.2	11
770503	0.001	0.0	0.6	0.000	0.00	0.00	0.00	0.5	0.13	0.0	0.00	0.0	0.2	23
761117	0.002	0.1	0.2	0.000	0.00	0.06	0.00	1.4	1.45	0.0	0.01	0.0	0.2	25
760804	0.000	0.0	0.3	0.000	0.00	0.04	0.00	2.2	0.80	0.0	0.00	0.0	0.3	175
760513	0.000	0.0	0.0	0.000	0.00	0.00	0.02	0.6	0.55	0.1	0.00	0.0	0.3	23
760203	0.000	0.0	0.1	0.010	0.00	0.00	0.00	0.3	0.13	0.0	0.00	0.0	0.3	60
751104	0.000	0.0	0.1	0.030	0.00	0.00	0.00	0.5	0.42	0.0	0.00	0.0	0.2	21
750805	0.000	0.1	0.2	0.000	0.00	0.00	0.00	0.4	0.15	0.0	0.00	0.0	0.3	17
750507	0.000	0.0	0.1	0.000	0.00	0.00	0.00	1.0	0.05	0.0	0.00	0.0	0.2	21
750220	0.000	0.0	0.2	0.000	0.00		0.00	1.0	0.10	0.0	0.00	0.0	0.2	32
741028	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.4	0.21	0.0	0.00	0.0	0.2	19

C 06 LITTLE WABASH RIVER
ROUTE 32 BRIDGE 2 MI NORTHWEST OF EFFINGHAM --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770802	0.00	0.000					
770503	0.00	0.005					
761117	0.06	0.020					
760804	0.04	0.010					
760513	0.00	0.010	0.10				
760203		0.010	0.20				
751104		0.000	0.10				
750805		0.000	0.10				
750507		0.000	0.20				
750220	0.00	0.000	0.20				
741202			0.20				
741028		0.000	0.10				
741008			0.10				

C 07 LITTLE WABASH RIVER
COUNTY ROAD BRIDGE 1.5 MI NORTH OF CLAY CITY
LAB: MARION DISCHARGE DATA: 03378900 LITTLE WABASH RIVER AT LOUISVILLE, IL
DRAINAGE AREA: 745 RATIO: 1.07

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770620	13	23.5	6.8	7.8	0.100		40	0.10	0.0	750				
770510	234	14.5	8.6	7.5	0.220		1300	0.30	1.1	433				
770413	141	20.0	10.0	8.0	0.100	0.005	20	0.05	0.5	667	0.01	0.0	0.000	85
770223	201	2.0	9.1	7.3	0.300		0	0.95	1.1	467	0.00	0.0	0.000	63
761228	4.2	0.0		7.7	0.100		0	0.25	0.5	883				
761122	8.5	1.5	7.8	7.4	0.300		20	0.45	0.6	733				
761020	5.3	9.0	8.3	7.4	0.200	0.010	120	0.25	0.6	717	0.00	0.0	0.000	55
760921	20	19.0	8.0	7.4	0.200		300	0.10	0.5	367				
760811	35	21.5	5.8	7.9	0.300		550	0.10	0.7	233				
760721	9.9	23.5	6.7	7.6	0.190	0.005	110	0.05	0.0	850	0.01	0.0	0.000	50
760622	7.4	19.0	8.5	7.7	0.200		60	0.05	0.8	717				
760519	67	14.5	8.5	7.8	0.150		30	0.05	0.1	983				
760412	105	16.0	14.7	8.3	0.150	0.010	40	0.10	0.1	833	0.00			80
760317	313	5.0	11.5	7.7	0.100		140	0.15	1.0	667				
760316		10.5	8.1	7.5	0.420		190	0.50	0.7	383	0.02	0.0	0.000	55
760204	106	0.0	12.2	7.7	0.200		0	0.50	1.0	600				
760123	64	0.0	11.6	7.7	0.130	0.002		0.80	1.4	617	0.00	0.0	0.000	25
751215	282	2.0	10.0	7.3	0.490		2300	0.50	0.8	717				
751103	54	15.0	7.4	7.5	0.160		110	0.05	0.3	467				
751028	47	14.5	9.1	8.0	0.200	0.008	60	0.10	0.1	550	0.01	0.0	0.000	32
750909	38	25.0	6.6	7.6	0.110		100	0.10	0.7	433				
750812	32	23.5	6.5	7.5	0.160		130	0.10	0.5	483				
750716	46	20.5	7.1	7.8	0.110		70	0.15	1.2	567				
750617	363	22.0	7.8	7.7	0.240		900	0.13	1.9	450				
750519	99	21.5	7.3	7.5	0.150		290	0.09	1.8	550				
750422	302	16.0	8.0	7.8	0.190	0.005	280	0.21	1.1	533	0.01	0.0	0.000	90
750310	323	0.0	12.6	8.0	0.080		90	0.20	1.2	667				
750225	13600	1.0	10.3	7.1	0.500		1300	0.50	0.9	158				
741217	723	1.0	11.2	7.8	0.180	0.005	200	0.15	2.1	500				
741029	78	13.0	7.6	7.5	0.180	0.000	110	0.00	0.2	533				
741015	320	15.0	6.9	7.0	0.180	0.005	610	0.02	0.4	583	0.10	0.0	0.000	45

C 07 LITTLE WABASH RIVER
COUNTY ROAD BRIDGE 1.5 MI NORTH OF CLAY CITY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770413	0.001	0.1	0.4	0.000	0.00	0.00	0.00	1.0	0.40	0.0	0.00	0.0	0.2	45
770223	0.002	0.0	0.3	0.030	0.00		0.00	1.2	0.43	0.0	0.00	0.0	0.2	45
761020	0.003	0.1	0.3	0.000	0.00	0.02	0.00	1.3	0.53	0.0	0.00	0.0	0.2	80
760721	0.001	0.0	0.2	0.020	0.00	0.10	0.05	1.5	0.90	0.0	0.00	0.0	0.4	130
760412	0.000	0.0	0.1	0.000	0.00	0.00	0.00	1.2	0.45	0.0	0.00	0.0	0.2	80
760316	0.001	0.2	0.6	0.010	0.00	0.04	0.00	3.5	0.27	0.0	0.00	0.0	0.2	31
760123	0.000	0.1	0.2	0.010	0.00	0.00	0.00	1.8	0.42	0.0	0.00	0.0	0.2	40
751028	0.001	0.1	0.2	0.000	0.00	0.00	0.00	1.3	0.32	0.4	0.00	0.0	0.2	32
750422	0.000	0.0	0.2	0.000	0.00	0.00	0.00	2.9	0.15	0.0	0.00	0.0	0.3	27
741015	0.000	0.0	0.1	0.000	0.00	0.00	0.61	1.8	0.58	0.2	0.00	0.0	0.2	70

C 07 LITTLE WABASH RIVER
COUNTY ROAD BRIDGE 1.5 MI NORTH OF CLAY CITY --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770413	0.00	0.000			285	190	
770223	0.00	0.000			155	90	
761020	0.02	0.005					
760721	0.10	0.000					
760412	0.00	0.010	0.40				
760316	0.04	0.005					
760123		0.000	0.30				

C 07 LITTLE WABASH RIVER
COUNTY ROAD BRIDGE 1.5 MI NORTH OF CLAY CITY --CONTINUED

DATE	CHROMIUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
751028		0.000	0.20				
750422		0.000	0.20				
741217			0.10				
741029			0.20				
741015		0.000	0.20				

C 08 LITTLE WABASH RIVER
ROUTE 15 BRIDGE 10 MI EAST OF FAIRFIELD
LAB: MARION DISCHARGE DATA: 03380000 LITTLE WABASH RIVER NEAR GOLDEN GATE, IL
DRAINAGE AREA: 1792 RATIO: 1.00

DATE	DISCHARGE (CFS)	TEMPERATURE DEG/C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NO3+NO2 NITROGEN (MG/L)	SPEC COND USHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770621	29	25.5	6.9	7.8	0.110	0.000	20	0.00	0.0	967	0.00	0.0	0.000	65
770518	56	23.0	6.5	7.7	0.200	0.005	50	0.10	1.2	683	0.00	0.0	0.000	65
770421	140	18.5	6.8	7.6	0.200		20	0.30	0.3	817	0.00	0.0	0.000	83
770317	3150	12.0	6.4	7.2	0.550	0.015	130	0.35	0.4	300	0.02	0.0	0.010	50
770223	325	3.0	10.4	7.1	0.350		0	0.55	0.7	450	0.00	0.0	0.000	120
761214	18	1.0	18.2	8.0	0.050	0.005	30	0.15	0.3	733	0.00	0.0	0.000	78
761115	21	1.5	9.4	7.3	0.210		10	0.20	0.4	750				
761027	27	8.0	7.5	7.3	0.150		140	0.15	0.1	883				
760923		16.0	6.1	7.3	0.250	0.018	180	0.15	0.3	367	0.01	0.0	0.000	15
760826		28.0	6.6	7.3	0.200		270	0.15	0.2	433				
760722		26.0	6.7	7.7	0.260		100	0.30	0.5	933				
760609		23.5		7.4	0.200	0.000	1200	0.45	2.2	700	0.01	0.0	0.000	50
760524		19.5	8.8	7.9	0.250		30	0.00	0.0	1167				
760427		14.0	8.0	7.8	0.150		180	0.10	0.2	1033				
760316		5.5	11.8	7.3	0.300	0.000	150	0.10	0.7	433	0.00	0.0	0.000	50
760229		8.5	8.3	6.9	0.500		600	0.55	1.3	350				
760126		0.5	12.3	7.3	0.430		2500	0.85	1.9	450				
751209		2.0	10.2	7.4	0.500	0.012	600	0.50	1.1	433	0.00	0.0	0.000	50
751103		15.0	7.9	7.5	0.220		70	0.15	0.1	633				
751016		18.0	6.8	7.5	0.210		290	0.10	0.2	700				
750925		14.0	7.6	7.3	0.200	0.003	250	0.20	1.0	417	0.00	0.0	0.000	25
750820		25.0	4.6	7.2	0.240		1000	0.35	0.3	617				
750717		20.5	8.7	7.9	0.290	0.005	20	0.45	0.3	633	0.02	0.0	0.000	52
750626	115	23.5	5.3	7.7	0.270	0.005	0	0.10	1.6	633	0.01	0.0	0.000	47
750522	320	23.5	7.4	7.4	0.350		250	0.20	1.7	567				
750423	1250	15.5	7.6	7.5	0.350		3100	0.24	0.7	593				
750311	4100	0.5	10.5	7.4	0.160	0.005	60	0.20	0.6	550	0.01	0.0	0.000	80
750218	2200	1.0	12.7	7.5	0.170		650	0.35	2.2	550				
750128	1020	1.5	13.2	7.7	0.180		270	0.20	0.7	850				
741216	1570	3.5	11.2	7.6	0.180	0.010	210	0.12	1.4	550	0.00	0.0	0.000	105
741029	135	13.5	7.0	7.3	0.200	0.005	220	0.00	0.3	650				
741017	970	13.5	6.0	7.5	0.310	0.010	1900	0.09	0.3	617				

C 08 LITTLE WABASH RIVER
ROUTE 15 BRIDGE 10 MI EAST OF FAIRFIELD --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANGANESE (MG/L)	MERCURY (UG/L)	SELENIUM (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)
770621	0.000	0.1	0.3	0.018	0.00	0.00	0.04	1.7	0.87	0.0	0.00	0.0	0.3	116
770518	0.000	0.2	0.5	0.000	0.00	0.00	0.00	1.5	0.52	0.0	0.00	0.0	0.2	70
770421		0.1	0.4	0.020	0.00	0.00	0.00	2.0	1.30	0.0		0.0	0.2	90
770317	0.003	0.1	0.6	0.000	0.00	0.00	0.00	1.2	0.20	0.0	0.00	0.0	0.2	36
770223	0.003	0.0	0.3	0.000	0.00	0.00	0.00	1.4	0.40	0.0	0.00	0.0	0.1	160
761214	0.001	0.0	0.3	0.020	0.00	0.00	0.00	1.8	0.58	0.0	0.00	0.0	0.2	95
760923	0.001	0.0	0.1	0.020	0.00	0.02	0.05	2.1	1.38		0.00	0.0	0.2	45
760609	0.000	0.0	0.4	0.000	0.00	0.00	0.04	3.3	1.07	0.0	0.00	0.0	0.2	100
760316	0.000	0.0	0.2	0.000	0.00	0.04	0.05	4.3	0.17	0.0	0.00	0.0	0.2	45
751209	0.001	0.0	0.5	0.010	0.00	0.00	0.00	2.6	0.22	0.0	0.00	0.0	0.1	57
750925	0.000	0.0	0.2	0.000	0.00	0.00	0.00	3.4	0.47	0.0	0.00	0.0	0.2	45

C 08 LITTLE WABASH RIVER
ROUTE 15 BRIDGE 10 MI EAST OF FAIRFIELD --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
750717	0.002	0.0	0.1	0.010	0.00	0.00	0.00	2.1	0.40	0.0	0.00	0.0	0.4	63
750626	0.002	0.0	0.2	0.000	0.00	0.00	0.00	3.4	0.58	0.0	0.00	0.0	0.3	57
750311	0.000	0.0	0.1	0.000	0.00	0.00	0.00	3.7	0.20	0.0	0.00	0.0	0.1	62
741216		0.0	0.2	0.000	0.00	0.00	0.00	2.1	0.21	0.0		0.0	0.2	55

C 08 LITTLE WABASH RIVER
ROUTE 15 BRIDGE 10 MI EAST OF FAIRFIELD --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770621	0.00	0.000					
770518	0.00	0.005					
770421	0.00				280	175	
770317	0.00	0.005					
770223	0.00				120	55	
761219	0.00	0.000					
760923	0.02	0.010					
760609	0.00	0.020					
760316	0.04	0.000	0.20				
751209		0.000	0.20				
750925		0.010	0.20				
750717		0.000	0.30				
750626		0.000	0.40				
750311		0.000	0.20				
741216		0.000	0.10				
741029			0.20				
741017			0.30				

C 09 LITTLE WABASH RIVER
WEST SALEM-MOUNT ERIE ROAD BRIDGE SOUTHWEST OF BLOOD
LAB: MARION DISCHARGE DATA: 03379600 LITTLE WABASH RIVER AT BLOOD, IL
DRAINAGE AREA: 1387 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770921	62	19.5	7.6	7.4	0.140		220	0.25	0.6	583				
770830	1900	22.0	5.2	6.8	0.420		3300	0.15	0.2	150				
770726	71	25.5	6.2	7.7	0.100	0.005	540	0.00	0.2	567	0.00	0.0	0.000	40
770629	820	23.5	4.9	7.4	0.130		4500	0.40	1.5	500				
770516	100	21.0	6.0	7.5	0.050		60	0.15	1.7	667				
770419	130	19.5	6.6	7.7	0.200	0.005	110	0.15	0.2	783	0.00	0.0	0.000	92
770323	260	9.0	8.7	7.7	0.260		30	0.35	1.0	667				
770223	230	2.0	10.2	7.2	0.400		0	0.55	0.7	383	0.00	0.0	0.000	50
761219	15	0.5		7.8	0.250		40	0.15	0.4	900				
761115	15	2.0	7.1	7.3	0.300		10	0.45	0.5	633				
761027	120	8.5	10.0	7.6	0.400	0.005	280	0.45	0.0	700	0.02	0.0	0.000	50
760923	7.9	16.0	6.7	7.4	0.200		100	0.25	0.4	433				
760826	8.0	28.0	8.8	7.5	0.150		80	0.15	0.1	483				
760722	8.2	26.5	8.4	7.9	0.240		20	0.15	0.2	933	0.00	0.0	0.000	75
760609	8.9		5.6	7.3	0.100		220	0.25	1.2	783				
760526	9.5	20.0	8.8	8.0	0.250		40	0.15	0.2	983				
760413		16.0	12.5	8.0	0.150	0.010	40	0.00	0.0	867	0.00	0.0	0.000	120
760316	13	6.5	10.5	7.5	0.200		50	0.10	0.9	667				
760224	21	8.0	8.3	6.9	0.570		760	0.55	1.3	350				
760126	13	0.5	12.3	7.5	0.430	0.005	900	1.25	1.5	600	0.01	0.0	0.000	90
751209	9.9	2.0	11.1	7.4	0.520		200	0.60	1.3	483				
751103	8.6	14.5	7.8	7.6	0.180		50	0.00	0.0	617				
751029	8.6	14.0	7.1	7.8	0.130	0.010	70	0.05	0.5	650	0.01	0.0	0.000	43
750922	91	16.0	7.2	7.5	0.160		430	0.15	0.7	333				
750819		24.5	7.5	2.8	0.150		70	0.05	0.3	600				
750717	138	20.5	9.6	8.1	0.200		30	0.15	0.2	667				
750630	910	25.0	6.0	6.8	0.550		1100	0.50	1.7	250				

C 09 LITTLE WABASH RIVER
WEST SALEM-MOUNT ERIE ROAD BRIDGE SOUTHWEST OF BLOOD --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
750522	770	23.5	8.2	7.5	0.350		840	0.13	1.4	700				
750823	900	15.5	7.1	7.7	0.230	0.005	780	0.13	0.7	610	0.01	0.0	0.000	95
750311	1450	0.5	11.6	7.3	0.150		210	0.20	1.0	700				
750218	2100	1.5	13.4	7.5	0.190		570	0.30	2.2	517				
750128	1020	1.5	13.5	7.8	0.160	0.000	90	0.18	1.2	483	0.03	0.0	0.000	115
741216	1160	1.5	11.1	7.8	0.190	0.005	350	0.22	1.3	583				
741029	115	13.5	6.6	7.0	0.190	0.005	320	0.00	0.3	667				
741016	990	13.0	5.8	7.0	0.350	0.010	35000	0.06	0.4	667	0.09	0.0	0.000	65

C 09 LITTLE WABASH RIVER
WEST SALEM-MOUNT ERIE ROAD BRIDGE SOUTHWEST OF BLOOD --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770726	0.002	0.2	0.2	0.000	0.00	0.08	0.00	2.1	1.04	0.0	0.00	0.0	0.2	60
770419	0.001	0.1	0.2	0.010	0.00	0.00	0.01	1.9	0.68	0.0	0.00	0.0	0.2	80
770223	0.001	0.0	0.3	0.000	0.00	0.00	0.00	1.3	0.38	0.0	0.00	0.0	0.2	43
761027	0.001	0.1	0.3	0.000	0.00	0.00	0.00	1.8	0.64	0.0	0.00	0.0	0.2	65
760722	0.001	0.1	0.2	0.020	0.00	0.10	0.06	1.0	0.00		0.00	0.0	0.4	170
760413	0.000	0.0	0.0	0.000	0.00	0.00	0.00	1.1	0.55	0.0	0.00	0.0	0.2	100
760126	0.000	0.1	0.1	0.000	0.00	0.00	0.05	2.8	0.50	0.0	0.00	0.0	0.2	60
751029	0.002	0.1	0.3	0.000	0.00	0.00	0.00	1.0	0.40	0.3	0.00	0.0	0.2	75
750423	0.000	0.0	0.2	0.010	0.00	0.00	0.05	3.2	0.25	0.0	0.00	0.0	0.3	45
750128	0.000	0.0	0.2	0.000	0.00	0.00	0.00	1.8	0.45	0.0	0.00	0.0	0.2	52
741016	0.000	0.0	0.1	0.000	0.00	0.00	0.15	2.0	0.45	0.2	0.00	0.0	0.2	93

C 09 LITTLE WABASH RIVER
WEST SALEM-MOUNT ERIE ROAD BRIDGE SOUTHWEST OF BLOOD --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	ABAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770726	0.08	0.000					
770419	0.00	0.000			285	190	
770223	0.00	0.010			110	60	
761027	0.00	0.010					
760722	0.10	0.000					
760413	0.00	0.010	0.10				
760126		0.020	0.30				
751029		0.000	0.20				
750423		0.000	0.20				
750128		0.000	0.20				
741216			0.10				
741029			0.20				
741016		0.000	0.20				

C 10 LITTLE WABASH RIVER
COUNTY ROAD BRIDGE 5 MI NORTHWEST OF LOUISVILLE
LAB: MARION DISCHARGE DATA: 03378900 LITTLE WABASH RIVER AT LOUISVILLE, IL
DRAINAGE AREA: 745 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770912	8.3	20.0	4.4	7.8	0.180		210	0.30	0.3	433				
770718	13	29.5	5.1	7.5	0.150		60	0.25	0.1	517				
770620	13	23.5	11.8	8.4	0.130		0	0.05	0.0	650				
770503	57	18.5	8.1	7.9	0.120	0.005	120	0.15	1.3	650	0.00	0.0	0.000	75
770412	148	19.5	10.2	8.2	0.100		0	0.05	0.4	667	0.00	0.0	0.000	80

C 10 LITTLE WABASH RIVER
COUNTY ROAD BRIDGE 5 MI NORTHWEST OF LOUISVILLE —CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/100 ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (UG/L)	NICKEL (UG/L)	SILVER (UG/L)	SULFATE (SO4) (MG/L)
770321	147	6.5	13.5	8.0	0.080		30	0.45	0.6	700				
770310	104	5.0	10.2	7.8	0.150		430	0.80	1.3	650				
770215	1180	0.0	12.5	7.5	0.760		2300	0.85	1.3	283				
761221	5.2	0.0	22.6	7.9	0.200		20	3.55	0.6	867				
761122	8.0	0.5	6.5	7.5	0.300	0.010	110	0.95	0.6	767	0.00	0.0	0.000	55
761019	5.0	8.0	5.5	7.4	0.370		420	0.15	0.3	483				
760908	7.0	20.5	5.4	7.6	0.200		10	0.15	0.1	625				
760809	47	21.5	6.0	7.5	0.330		1200	1.00	1.5	383	0.00	0.0	0.020	45
760713	9.3	24.5	3.3	7.7	0.800		90	0.10	0.2	700				
760608	23	22.0	4.8	7.5	0.100		20	0.15	1.4	583				
760513	34	17.0	10.5	7.9	0.150	0.005	10	0.00	0.3	750	0.01	0.0	0.000	85
760406	164	10.5	9.8	7.8	0.100		50	0.05	0.7	700				
760325	326	10.5	9.7	7.7	0.050		290	0.10	0.9	617				
760204	100	0.0	13.7	7.8	0.240	0.006	30	0.50	0.9	600	0.01	0.0	0.000	75
760123	60	0.0	10.1	7.7	0.330		3300	2.00	1.0	700				
751222	120	0.0	13.5	7.9	0.170		380	0.40	0.9	550				
751103	51	14.5	6.5	7.6	0.290	0.004	440	0.30	0.5	483	0.00	0.0	0.000	50
751028	44	16.5	6.3	7.6	0.220		140	0.25	0.5	433				
750903	152	26.0	5.7	7.6	0.220		700	0.25	0.9	367				
750805	120	23.5	4.4	7.7	0.300	0.008	790	0.40	0.6	383	0.01	0.0	0.000	30
750716	43	20.0	6.7	7.7	0.150		180	0.30	1.1	450				
750610	203	23.5	7.2	7.8	0.170		390	0.15	2.0	450				
750508	150	2.0	7.9	7.9	0.150	0.004	370	0.10	1.2	550	0.00	0.0	0.000	
750408	268	8.5	10.7	7.9	0.100		80	0.09	1.3	583				
750306	261	1.5	12.0	7.9	0.150		30	0.20	1.3	600				
750220	748	1.5	13.4	7.8	0.240	0.000	200	0.30	3.5	467	0.00	0.0	0.000	70
750114	5240	0.0	12.1	7.5	0.840		1190	0.30	1.2	350				
741202	142	3.0		7.7	0.110	0.000	110	0.18	1.0	617				
741029	70	12.0	6.8	7.4	0.150	0.000	310	0.05	0.2	483				
741008	66	11.0	8.5	7.8	0.090	0.005	650	0.10	0.5	467				

C 10 LITTLE WABASH RIVER
COUNTY ROAD BRIDGE 5 MI NORTHWEST OF LOUISVILLE —CONTINUED

DATE	ARSENIC (UG/L)	BARIUM (UG/L)	BORON (UG/L)	CADMIUM (UG/L)	HEX CHROM-IUM (UG/L)	TRI CHROM-IUM (UG/L)	COPPER (UG/L)	TOTAL IRON (UG/L)	MANG-ANESE (UG/L)	MERCURY (UG/L)	SEL-ENIUM (UG/L)	ZINC (UG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770503	0.000	0.0	0.7	0.000	0.00	0.00	0.00	1.0	0.31	0.0	0.00	0.0	0.2	29
770412	0.001	0.1	0.3	0.000	0.00	0.00	0.00	0.6	0.30	0.0	0.00	0.0	0.2	34
761122	0.000	0.1	0.3	0.020	0.00	0.06	0.00	2.1	0.37	0.0	0.00	0.0	0.3	50
760804	0.000	0.0	0.5	0.000	0.00	0.04	0.05	2.6	0.44	0.0	0.00	0.0	0.4	35
760513	0.000	0.0	0.2	0.040	0.00	0.00	0.05	1.0	0.80	0.1	0.00	0.0	0.3	38
760204	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.9	0.35	0.0	0.00	0.1	0.2	80
751103	0.000	0.0	0.2	0.040	0.00	0.00	0.00	1.6	0.47	0.5	0.00	0.0	0.3	22
750805	0.001	0.0	0.3	0.000	0.00	0.00	0.00	2.6	0.35	0.3	0.00	0.0	0.3	25
750508	0.000	0.0	0.1	0.000	0.00	0.00	0.00	1.7	0.15	0.0	0.00	0.0	0.2	22
750220	0.000	0.0	0.2	0.000	0.00		0.00	1.5	0.10	0.3	0.00	0.0	0.2	30

C 10 LITTLE WABASH RIVER
COUNTY ROAD BRIDGE 5 MI NORTHWEST OF LOUISVILLE --CONTINUED

DATE	CHROM-IUM (UG/L)	CYANIDE (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770503	0.00	0.000					
770412	0.00				300	210	
761122	0.06						
760804	0.04	0.010					
760513	0.00	0.020	0.10				
760204		0.010	0.10				
751103		0.000	0.20				
750805		0.000	0.30				
750508		0.000	0.20				
750220	0.00	0.000	0.30				

C 10 LITTLE WABASH RIVER
COUNTY ROAD BRIDGE 5 MI NORTHWEST OF LOUISVILLE --CONTINUED

DATE	CHROMIUM (UG/L)	CYANIDE (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
741202			0.20				
741029			0.10				
741008			0.20				

CA 01 SKILLET FORK
COUNTY ROAD BRIDGE 2 MI EAST OF SPRINGERTON
LAB: MARION

DATE	DISCHARGE (CFS)	TEMPERATURE DEG/C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NO3+NO2 NITROGEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770622		24.5	6.6	8.1	0.110	0.005	580	0.15	0.0	1200	0.00	0.0	0.000	150
770527		22.0	5.5	7.9	0.160		10	0.00	0.2	1067				
770428		14.5	8.0	7.5	0.100		370	0.25	0.6	617				
770325		7.0	11.2	7.5	0.130	0.006	30	0.10	0.2	767	0.00	0.0	0.000	175
770225		5.0	10.9	7.4	0.350		270	0.30	1.0	650				
761230				7.8	0.050	0.008		0.15	0.0	1017	0.01	0.0	0.000	125
761124		1.0	15.1	8.1	0.070		10	0.10	0.2	950				
761029		5.0	12.5	7.7	0.240		70	0.25	0.5	633				
760922		18.0	8.0	7.8	0.200	0.015	200	0.00	0.0	642	0.00	0.0	0.000	50
760831		22.0	6.7	7.7	0.100		100	0.05	0.0	700				
760728		29.0	5.4	7.6	0.300		460	0.10	0.1	933				
760624		22.0	8.4	7.9	0.250		330	0.15		1050	0.02	0.0	0.000	150
760528		20.5	7.0	7.7	0.150		30	0.20	0.1	1200				
760429		12.0	11.0	7.9	0.050		70	0.05	0.2	1133				
760330		14.5	8.5	7.2	0.450	0.015	25000	0.35	0.8	367	0.06	0.0	0.000	80
760227		10.0	9.8	7.0	0.480		1600000	0.35	1.4	617				
760120		0.0	14.7	7.0	0.350		700	0.35	1.3	650				
751202		5.5	7.0	7.1	0.750	0.005	16000	0.40	0.9	433	0.03	0.0	0.000	130
751120		11.0	10.4	7.7	0.130		230	0.20	0.1	817				
751006		16.5	11.0	8.1	0.180		60	0.00	0.0	1033				
750922		15.5	8.6	7.6	0.190	0.010	230	0.05	0.2	500	0.01	0.0	0.000	60
750818		24.5	5.0	7.2	0.380		13000	0.10	0.6	417				
750730		27.0	3.9	6.8	0.450		2300	0.35	0.9	308				
750623		29.0	3.7	7.7	0.260	0.009	100	0.10	0.1	903	0.07	0.0	0.000	115
750505		18.0	6.0	7.5	0.310		90	0.36	0.6	217				
750401		7.0	10.0	7.5	0.330		1400	0.32	0.9	210				
750311		4.0	10.5	7.2	0.290	0.000	190	0.40	1.0	383	0.01	0.0	0.000	75
750203		4.0	11.8	6.9	0.280		940	0.28	1.2	283				
750102		4.5	10.6	7.2	0.340	0.005	2200	0.27	1.1	317				
741217		3.5	11.7	7.6	0.100	0.005	290	0.10	0.9	700	0.01	0.0	0.000	175
741119		10.0	9.7	7.7	0.220	0.005	270	0.16	0.8	667				
741001		15.5	6.9	6.9	0.290	0.005	4200	0.12	0.5	333				

CA 01 SKILLET FORK
COUNTY ROAD BRIDGE 2 MI EAST OF SPRINGERTON --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANGANESE (MG/L)	MERCURY (UG/L)	SELENIUM (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)
770622	0.002	0.1	0.2	0.000	0.00	0.00	0.00	2.6	0.69	0.2	0.00	0.0	0.3	135
770325	0.000	0.1	0.3	0.000	0.00	0.00	0.03	2.8	0.48	0.0	0.00	0.0	0.2	61
761230	0.000	0.2	0.1	0.000	0.00	0.00	0.00	1.4	1.68	0.0	0.00	0.0	0.2	125
760922	0.000	0.0	0.0	0.000	0.00	0.04	0.00	1.3	0.47	0.0	0.00	0.0	0.2	72
760624	0.000	0.2	0.0	0.000	0.00	0.00	0.03	3.0	1.10	0.1	0.00	0.0	0.3	125
760330	0.000	0.0	0.2	0.000	0.00	0.06	0.07	18.0	1.40	0.2	0.00	0.5	0.3	30
751202	0.001	0.0	0.5	0.020	0.00	0.00	0.00	3.9	1.02		0.00	0.0	0.3	55
750922	0.001	0.0	0.1	0.000	0.00	0.00	0.00	6.5	0.63	0.0	0.00	0.0	0.2	68
750623	0.002	0.1	0.1	0.010	0.00	0.00	0.10	5.4	1.48	0.0	0.00	0.0	0.3	95
750311	0.000	0.0	0.3	0.000	0.00	0.00	0.00	6.0	0.25	0.2	0.00	0.0	0.1	36
741217		0.0	0.2	0.000	0.00	0.00	0.00	2.0	0.28	0.0		0.0	0.2	65

CA 01 SKILLET FORK
COUNTY ROAD BRIDGE 2 MI EAST OF SPRINGERTON --CONTINUED

DATE	CHROMIUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770622	0.00	0.000					
770325	0.00	0.001					
761230		0.000					
760922	0.04	0.005					
760624	0.00	0.010					
760330	0.06	0.010	0.10				
751202		0.010	0.10				
750922		0.000	0.20				
750623		0.000	0.30				
750311		0.000	0.10				
750102			0.20				
741217		0.000	0.10				
741119			0.30				
741001			0.30				

CA 03 SKILLET FORK
WINTERS BRIDGE COUNTY ROAD 5 MILES NORTH OF CARMI
LAB: MARION

DATE	DISCHARGE (CFS)	TEMPERATURE DEG/C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NO3+NO2 NITROGEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770916		23.5	7.0	7.5	0.110		160	0.30	0.0	583				
770812		25.0	4.1	7.6	0.100		140	0.15	0.2	517				
770729		25.0	11.0	7.8	0.150	0.005	100	0.50	0.6	417	0.00	0.0	0.000	43
770622		25.0	4.8	8.0	0.100		50	0.10	0.0	1083				
770527		24.5	8.0	8.1	0.070		10	0.05	0.0	833				
770428		14.5	7.4	7.5	0.130	0.007	250	0.25	0.6	583	0.00	0.0	0.000	110
770325		8.0	10.2	7.7	0.120		20	0.10	0.3	733				
770225		5.5	10.0	7.3	0.400		500	0.35	1.5	517				
761230		0.0		7.9	0.000			0.10	0.1	1167				
761124		3.0	10.7	7.7	0.130		50	0.10	0.2	767				
761029		8.0	5.8	7.3	0.220	0.030	260	0.20	0.4	550	0.00	0.0	0.000	85
760922		20.5	6.4	7.6	0.250		300	0.10	0.0	400				
760831		25.0	5.0	7.5	0.050		1000	0.10	0.0	433				
760728		29.0	6.1	7.9	0.150	0.010	20	0.00	0.0	1033	0.02	0.1	0.000	100
760624		23.5	6.2	7.6	0.250		20	0.15	0.0	867				
760528		21.5	5.1	7.6	0.100		190	0.40	0.1	1250				
760429		13.5	12.2	8.0	0.100	0.010	130	0.05	0.8	1017	0.01	0.0	0.000	200
760330		14.5	8.2	7.3	0.250		12000	0.30	1.5	633				
760227		10.0	9.2	7.1	0.240		120	0.35	1.6	533				
760120		0.0	15.4	7.3	0.380	0.002	1000	0.35	1.3	600	0.01	0.0	0.000	125
751202		5.5	8.2	7.1	0.900		28000	0.30	0.9	367				
751120		9.5	10.4	7.6	0.130		100	0.15	0.3	817				
751006		17.0	9.2	8.0	0.100	0.002	40	0.00	0.0	567	0.01	0.0	0.000	62
750922		16.0	11.0	8.1	0.170		30	0.00	0.1	450				
750818		23.5	4.1	7.0	0.380		4000	0.45	0.5	417				
750730		32.0	6.4	7.1	0.210	0.007	190	0.15	3.2	567	0.00	0.0	0.000	60
750623		29.5	5.7	7.9	0.120		0	0.00	0.0	917				
750505		19.5	5.7	7.1	0.310		70	0.36	0.4	217				
750401		9.0	10.6	6.2	0.310	0.000	2000	0.30	5.6	233	0.02	0.0	0.000	50
750311		4.5	10.5	7.1	0.270		150	0.30	0.7	367				
750203		4.0	12.8	7.1	0.290		630	0.28	1.2	283				
750102		5.0	11.1	6.6	0.370	0.000	1700	0.33	3.9	317	0.01	0.0	0.000	65
741217		4.0	11.7	7.6	0.110	0.005	200	0.15	1.1	700	0.00	0.0	0.000	165
741119		9.5	9.8	7.6	0.150	0.000	230	0.15	0.9	683				
741002		14.0	6.9	6.5	0.200	0.005	780	0.12	8.5	350	0.04	0.0	0.000	50

CA 03 SKILLET FORK
WINTERS BRIDGE COUNTY ROAD 5 MILES NORTH OF CARMI --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-NIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770729	0.002	0.2	0.2	0.000	0.00	0.00	0.03	1.5	0.85	0.0	0.00	0.0	0.2	55
770428	0.001	0.0	0.7	0.000	0.00	0.00	0.02	3.6	0.58	0.2	0.00	0.0	0.2	43
761029	0.000	0.0	0.1	0.000	0.00	0.00	0.00	3.0	0.35	0.0	0.00	0.1	0.2	50
760728	0.002	0.1	0.1	0.000	0.00	0.10	0.12	1.5	1.45	0.0	0.00	0.0	0.4	140
760429	0.000	0.0	0.3	0.000	0.00	0.00	0.05	1.4	0.85	0.1	0.00	0.0	0.2	100
760120	0.000	0.1	0.2	0.020	0.00	0.02	0.00	5.9	0.63	0.2	0.00	0.2	0.1	65
751006	0.001	0.0	0.1	0.020	0.00	0.00	0.00	1.2	0.80	0.0	0.00	0.0	0.3	75
750730	0.001	0.0	0.2	0.000	0.00	0.00	0.00	2.1	0.84	0.0	0.00	0.0	0.3	67
750401	0.000	0.0	0.3	0.000	0.00	0.00	0.00	8.4	0.20	0.0	0.00	0.0	0.5	18
750102	0.000	0.0	0.4	0.000	0.00	0.00	0.00	7.8	0.64	0.0	0.00	0.0	0.1	25
741217		0.0	0.2	0.000	0.00	0.00	0.00	1.8	0.28	0.0		0.0	0.2	65
741002	0.000	0.0	0.2	0.000	0.00	0.00	0.00	3.2	0.29	0.0	0.00	0.0	0.2	37

CA 03 SKILLET FORK
WINTERS BRIDGE COUNTY ROAD 5 MILES NORTH OF CARMI --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770729		0.000					
770428	0.00	0.000					
761029	0.00	0.010					
760728	0.10	0.005					
760429	0.00	0.000	0.20				
760120		0.010	0.30				
751006		0.000	0.20				
750730		0.000	0.30				
750401		0.000	0.30				
750102		0.000	0.20				
741217		0.000	0.10				
741119			0.40				
741002		0.000	0.90				

CA 04 SKILLET FORK
WATER INTAKE 1.5 MI NORTH OF WAYNE CITY
LAB: MARION DISCHARGE DATA: 03380500 SKILLET FORK AT WAYNE CITY, IL
DRAINAGE AREA: 464 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770621	3.9	24.5	2.4	7.6	0.060		30	0.00	0.0	767				
770518	20	24.0	6.6	7.4	0.100	0.000	520	0.10	0.1	633	0.00	0.0	0.000	142
770421	29	19.5	5.4	7.4	0.100		10	0.20	0.1	800	0.00	0.0	0.000	185
770317	149	13.0	9.6	7.4	0.170		80	0.20	0.2	483				
770201	1.0	0.0	1.5	7.2	0.000		0	0.25	0.0	1217				
761228	3.3	1.0	14.7	7.4	0.050		10	0.00	0.0	917				
761115	3.7	5.5	5.8	7.1	0.100	0.005	20	0.00	0.0	783	0.01	0.0	0.000	130
761027	11	7.0	7.5	7.3	0.100		10	0.10	0.0	400				
760923	1.4	16.5	5.5	7.1	0.200		100	0.05	0.0	250				
760811	4.6	22.0	3.4	6.9	0.150	0.003	250	0.10	0.4	233	0.00	0.0	0.000	40
760722	1.0	25.5	5.1	7.4	0.100		40	0.25	0.1	700				
760622	5.3	19.5	2.1	7.4	0.200		30	4.00	6.5	600				
760528	8.8	18.0	8.8	7.6	0.150	0.005	120	0.25	0.1	1100	0.00	0.0	0.000	200
760427	46	11.0	8.4	7.6	0.100		40	0.00	0.0	1033				
760315	101	9.5	11.1	7.5			150			1433				
760204	48	0.0	6.7	7.6	0.160	0.011	10	0.15	0.8	767	0.00	0.0	0.000	180
760126	513	0.0	13.2	7.3	0.450		1500	0.60	1.3	600				
751222	35	2.0	12.9	7.6	0.280		3400	0.25	0.7	533				
751103	2.1	15.0	6.8	7.2	0.100	0.005	30	0.00	0.0	650	0.00	0.0	0.000	62
751029	1.4	16.0	7.3	7.5	0.090		80	0.05	0.1	567				
750923	15	18.0	5.6	7.2	0.100		550	0.20	0.4	367				
750820	4.5	24.5	1.6	6.9	0.170	0.006	90	0.35	0.4	300	0.02	0.0	0.000	15
750717	10	20.5	6.0	6.8	0.200		250	0.30	0.8	400				

CA 04 SKILLET FORK
WATER INTAKE 1.5 MI NORTH OF WAYNE CITY --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
750626	2.2	23.5	3.6	7.3	0.150		0	0.00	0.0	650				
750522	24	20.0	7.0	7.1	0.300	0.005	140	0.07	0.3	667	0.00	0.0	0.000	35
750416	71	10.5	11.8	7.5	0.060		20	0.00	0.1	767				
750324	232	8.5	8.9	7.4	0.100		100	0.20	0.6	542				
750218	630	0.5	12.5	7.6	0.120	0.000	220	0.20	1.2	650	0.00	0.0	0.000	204
750128	143	0.5	13.3	7.7	0.040		100	0.90	0.4	850				
741216	221	3.5	11.1	7.8	0.080	0.005	340	0.09	0.8	700				
741029	13	13.5	5.0	7.1	0.110	0.000	140	0.00	0.0	467				
741017	74	14.0	5.4	7.0	0.130	0.005	1700	0.09	0.1	550				

CA 04 SKILLET FORK
WATER INTAKE 1.5 MI NORTH OF WAYNE CITY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770518	0.000	0.1	0.3	0.000	0.00	0.00	0.02	0.9	0.77	0.0	0.00	0.0	0.2	37
770421		0.1	0.2	0.000	0.00	0.00	0.02	0.8	0.90	0.0		0.0	0.1	64
761115	0.000	0.1	0.1	0.000	0.00	0.04	0.00	1.9	0.50	0.1	0.00	0.0	0.1	70
760811	0.000	0.0	0.2	0.000	0.00		0.01	3.5	1.00	0.0	0.00	0.0	0.2	15
760524	0.000	0.0	0.0	0.000	0.00	0.00	0.04	0.5	1.00	0.0	0.00	0.0	0.2	105
760204	0.000	0.0	0.1	0.000	0.00	0.00	0.01	1.3	0.35	0.0	0.00	0.0	0.1	100
751103	0.000	0.0	0.1	0.000	0.00	0.00	0.02	0.8	1.27	0.3	0.00	0.0	0.2	70
750820	0.000	0.0	0.1	0.000	0.00	0.00	0.12	3.1	1.00	0.7	0.00	0.0	0.2	33
750522	0.000	0.0	0.0	0.000	0.00	0.00	0.00	1.8	0.75	0.0	0.00	0.0	0.2	45
750218	0.000	0.0	0.1	0.000	0.00	0.00	0.00	2.2	0.90	0.0	0.00	0.0	0.1	33

CA 04 SKILLET FORK
WATER INTAKE 1.5 MI NORTH OF WAYNE CITY --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770518	0.00	0.005					
770421	0.00				290	110	
761115	0.04	0.005					
760811	0.00	0.000					
760524	0.00	0.010	0.20				
760204		0.010	0.20				
751103		0.000	0.20				
750820		0.000	0.20				
750522		0.000	0.10				
750218		0.000	0.30				
741216			0.10				
741029			0.10				
741017			0.20				

CE 01 ELK CREEK
PRICE BRIDGE COUNTY ROAD 6 MI NORTHEAST OF FAIRFIELD
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770621		24.5	6.2	7.7	0.070		140	0.00	0.0	1100	0.00	0.0	0.000	105
770518		23.0	9.4	7.8	0.050		100	0.10	0.1	983				
770421		18.5	5.9	7.5	0.150		80	0.20	0.1	1167	0.00	0.0	0.000	170
770317		11.5	8.0	7.2	0.370	0.015	120	0.25	0.4	583	0.03	0.0	0.010	85
770223		3.0	10.5	7.3	0.100		0	0.55	0.7	933	0.00	0.0	0.000	123
761214		0.5	13.8	7.6	0.100	0.007	20	0.05	0.0	1167	0.00	0.0	0.000	138

CD 01 ELM CREEK
PRICE BRIDGE COUNTY ROAD 6 MI NORTHEAST OF FAIRFIELD --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
761115		1.0	8.8	7.2	0.200		0	0.10	0.2	933				
761027		8.5	6.3	7.2	0.300		230	0.05	0.0	550				
760923		15.0	7.5	7.5	0.150	0.016	300	0.05	0.1	633	0.01	0.0	0.000	75
760826		27.0	6.6	7.3	0.150		220	0.20	0.1	417				
760722		26.0	6.9	7.7	0.100		590	0.05	0.0	1150				
760609		23.0	6.8	7.3	0.600	0.000	760	0.30	2.0	800	0.02	0.0	0.000	100
760524		19.0	10.0	7.6	0.300		70	0.00	0.1					
760427		12.0	9.1	7.6	0.150		150	0.05	0.1					
760316		5.5	10.6	7.4	0.100		110	0.10	0.4	1133	0.00	0.1	0.000	150
760224		8.0	9.2	6.9	0.350		100	0.45	1.3	550				
760126		1.0	12.8	7.1	0.350		5300	0.70	1.8	633				
751209		1.5	10.2	7.4	0.310	0.000	670	0.35	0.8	1033	0.01	0.0	0.000	75
751103		10.5	5.0	7.2	0.150		10	0.00	0.0	833				
751016		18.5	2.1	7.2	0.270		70	0.05	0.1	800				
750925		13.5	7.9	7.3	0.180	0.003	530	0.20	0.2	483	0.00	0.0	0.000	30
750820		25.0	6.3	6.9	0.170		1000	0.30	0.4	617				
750717		21.5	8.5	7.4	0.120	0.005	80	0.15	0.1	767	0.01	0.0	0.000	62
750626		23.5	6.9	7.7	0.160	0.008	300	0.00	0.0	917	0.01	0.0	0.010	92
750522		23.5	5.2	7.3	0.150		270	0.10	0.3	1233				
750423		16.0	8.0	7.2	0.480		12000	0.38	0.4	742				
750311		0.5	12.4	7.3	0.120	0.000	160	0.20	0.6	400	0.01	0.0	0.000	135
750218		1.0	11.9	7.3	0.180		2400	0.43	2.0	500				
750128		1.0	12.6	7.6	0.130		70	0.31	0.7	1017				
741216		3.5	11.0	7.8	0.270	0.010	400	0.09	1.2	750	0.00	0.0	0.000	125
741029		14.0	5.3	7.1	0.190	0.010	80	0.00	0.0	733				
741017		13.0	6.6	7.2	0.250	0.015	2400	0.06	0.4	733				

CD 01 ELM CREEK
PRICE BRIDGE COUNTY ROAD 6 MI NORTHEAST OF FAIRFIELD --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770621	0.000	0.0	0.3	0.018	0.00	0.00	0.00	1.0	0.85	0.0	0.00	0.0	0.4	150
770421		0.0	0.3	0.010	0.00	0.00	0.00	1.6	1.35	0.0		0.0	0.2	210
770317	0.001	0.2	0.5	0.000	0.00	0.00	0.00	2.0	0.49	0.0	0.00	0.0	0.2	96
770223	0.002	0.0	0.3	0.010	0.00		0.00	0.8	0.60	0.0	0.00	0.0	0.1	160
761214	0.000	0.0	0.3	0.010	0.00	0.00	0.00	0.8	0.75	0.0	0.00	0.0	0.2	200
760923	0.000	0.0	0.1	0.000	0.00	0.02	0.02	0.7	0.22		0.00	0.0	0.2	120
760609	0.000	0.0	0.2	0.030	0.00	0.00	0.60	2.2	1.00	0.0	0.00	0.0	0.2	148
760316	0.000	0.0	0.2	0.000	0.00	0.03	0.05	1.7	0.80	0.1	0.00	0.0	0.2	200
751209	0.001	0.0	0.7	0.010	0.00	0.00	0.00	1.2	0.25	0.0	0.00	0.0	0.1	350
750925	0.000	0.0	0.2	0.000	0.00	0.00	0.00	2.1	0.28	0.0	0.00	0.0	0.3	73
750717	0.001	0.0	0.2	0.000	0.00	0.00	0.00	1.2	0.65	0.0	0.00	0.0	0.4	115
750626	0.001	0.1	0.2	0.000	0.00	0.00	0.00	0.9	1.07	0.0	0.00	0.0	0.4	140
750311	0.000	0.0	0.2	0.000	0.00	0.00	0.00	2.1	0.55	0.0	0.00	0.0	0.1	125
741216		0.0	0.2	0.000	0.00	0.00	0.05	1.8	0.33	0.0		0.0	0.1	110

CD 01 ELM CREEK
PRICE BRIDGE COUNTY ROAD 6 MI NORTHEAST OF FAIRFIELD --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	HBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770621	0.00	0.000					
770421	0.00				315	125	
770317	0.00	0.005					
770223	0.00				210	65	
761214	0.00	0.000					
760923	0.02	0.010					
760609	0.00	0.025					
760524				960			
760427				900			
760316		0.000	0.30				

CD 01 ELM CREEK
PRICE BRIDGE COUNTY ROAD 6 MI NORTHEAST OF FAIRFIELD --CONTINUED

DATE	CHROMIUM (UG/L)	CYANIDE (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
751209		0.000	0.30				
750925		0.000	0.20				
750717	0.00	0.000	0.30				
750626		0.000	0.50				
750311		0.000	0.20				
741216		0.000	0.20				
741029			0.20				
741017			0.30				

CH 02 FOX RIVER
CALHOUN-GALLAGHER ROAD BRIDGE 6 MI SOUTH OF OLNEY
LAB: MARION

DATE	DISCHARGE (CFS)	TEMPERATURE DEG/C	DISSOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NO3+NO2 NITROGEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770629		23.0	3.4	7.1	0.370		7800	0.60	2.4	317				
770516		21.0	4.3	7.7	0.850		220	4.10	0.5	800				
770419		18.5	6.2	7.5	0.650	0.005	410	0.40	2.0	800	0.01	0.0	0.000	140
770323		8.5	7.8	7.5	0.660		190	1.20	1.0	867				
770223		2.0	7.9	7.1	0.750		0	2.00	0.9	583	0.00	0.0	0.000	75
761214		0.5	9.8	7.6	5.000		0	5.20	0.7	817				
761118		0.5	12.4	7.8	9.000		0	2.00	0.4	617				
761025		8.5	3.9	7.4	6.000	0.030	470	14.50	0.5	1067	0.02	0.0	0.000	110
760930		16.0	6.4	7.5	4.500		620	7.60	1.3	800				
760825		28.0	8.1	7.5	1.400		540	3.15	0.4	483				
760726		28.0	4.8	7.2	0.950	0.010	1200	1.80	0.6	458	0.02	0.0	0.000	75
760609		22.0	3.2	7.3	0.550		260	1.40	1.7	817				
760526		18.0	4.9	7.5	2.000		40	4.20	1.7	967				
760413		16.0	15.6	8.3	1.100	0.010	90	0.10	2.4	883	0.00	0.0	0.000	140
760316		8.0	9.9	7.4	0.400		190	0.15	0.8	800				
760224		8.5	9.8	6.9	0.850		1800	0.60	1.3	433				
760123		0.0	9.6	7.2	0.900	0.003	430	1.55	1.2	583	0.02	0.0	0.000	90
751209		1.5	9.1	7.1	0.720		860	0.85	1.3	550				
751103		14.5	3.9	7.5	4.600		70	5.00	0.1	767				
751006		18.0	7.7	7.6	2.100	0.003	150	0.20	3.1	767	0.00	0.0	0.000	120
750922		15.5	6.4	7.4	0.850		180	0.15	2.7	433				
750819		24.5	6.1	8.0	0.780		180	0.20	1.2	733				
750728		26.0	11.7	8.5	0.400		60	0.10	1.2	467				
750630		25.0	6.5	7.1	1.390		100	1.90	0.6	667				
750522		24.0	5.6	7.3	0.400		120	0.19	1.2	750				
750424		16.0	8.8	6.6	0.520	0.005	22000	0.43	1.1	333	0.03	0.0	0.000	65
750311		0.5	11.5	7.6	0.350		230	0.40	1.1	783				
750224		0.5	11.0	7.2	0.450		1100	0.40	0.8	150				
750128		1.0	13.2	7.6	0.180	0.000	370	0.25	0.8	850	0.01	0.0	0.000	150
741216		2.0	10.7	7.7	0.210	0.005	620	0.15	0.8	650				
741029		13.5	2.8	6.9	2.100	0.010	120	1.60	0.2	700				
741016		13.0	5.1	6.8	0.430	0.020	40000	0.08	0.6	400	0.10	0.0	0.000	65

CH 02 FOX RIVER
CALHOUN-GALLAGHER ROAD BRIDGE 6 MI SOUTH OF OLNEY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANGANESE (MG/L)	MERCURY (UG/L)	SELENIUM (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)
770419	0.001	0.1	0.5	0.010	0.00	0.00	0.01	1.5	0.82	0.0	0.00	0.0	0.4	90
770223	0.001	0.0	0.4	0.010	0.00	0.00	0.00	0.8	0.45	0.0	0.00	0.0	0.3	75
761025	0.004	0.1	0.6	0.010	0.00	0.03	0.00	1.8	0.54	0.0	0.00	0.0	0.9	100
760726	0.004	0.0	0.2	0.040	0.00	0.08	0.10	1.7	1.20	0.0	0.00	0.0	0.4	50
760413	0.001	0.0	0.5	0.000	0.00	0.00	0.00	1.0	1.00	0.0	0.00	0.0	0.4	105
760123	0.000	0.1	0.4	0.010	0.00	0.02	0.01	4.0	1.10	0.0	0.00	0.0	0.2	55
751006	0.004	0.0	0.6	0.000	0.00	0.00	0.00	0.5	0.40	0.0	0.00	0.0	1.0	85

CH 02 FOX RIVER
CALHOUN-GALLAGHER ROAD BRIDGE 6 MI SOUTH OF OLNEY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
750424	0.000	0.0	0.4	0.000	0.00	0.00	0.00	3.2	0.46	0.2	0.00	0.0	0.3	43
750128	0.000	0.0	0.0	0.000	0.00	0.00	0.00	1.1	0.50	0.0	0.00	0.0	0.2	130
741016	0.000	0.0	0.2	0.000	0.00	0.00	0.20	1.9	0.25	0.2	0.00	0.0	0.2	50

CH 02 FOX RIVER
CALHOUN-GALLAGHER ROAD BRIDGE 6 MI SOUTH OF OLNEY --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770419	0.00	0.000			235	120	
770223	0.00	0.010			135	70	
761025	0.03	0.005					
760726	0.08	0.000					
760413	0.00	0.010	0.40				
760123		0.020	0.30				
751006		0.010	0.50				
750424		0.000	0.20				
750128		0.000					
741216			0.10				
741029			0.30				
741016		0.000	0.20				

CH 03 FOX RIVER
TOWNSHIP ROAD BRIDGE 1 MI WEST NORTHWEST OF OLNEY
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770629		22.0	4.4	7.4	0.280		36000	0.95	0.5	683				
770510		12.0	7.2	7.5	0.210	0.005	1300	0.30	0.2	650	0.01	0.0	0.000	90
770413		18.5	8.0	7.7	0.100		90	0.05	0.1	683	0.00	0.0	0.000	10
770314		12.0	9.3	7.3	0.420		540	0.50	0.5	417				
770223		2.0	9.2	7.0	0.200		30	0.65	1.2	517	0.00	0.0	0.000	70
761214		1.0	10.0	8.8	0.300		30	0.05	0.2	433				
761118		1.0	5.4	7.6	0.150	0.010	0	0.05	0.0	500	0.00	0.0	0.000	30
761025		8.0	9.4	7.5	0.250		110	0.00	0.1	317				
760921		18.0	4.3	7.4	0.150		40	0.20	0.3	367				
760811		22.0	2.5	7.2	0.250	0.000	280	0.20	0.3	383	0.00	0.0	0.000	60
760721		25.5	1.2	7.3	0.320		24000	0.45	0.6	350				
760519		13.5	5.6	7.5	0.100	0.010	70	0.15	0.2	1067	0.00	0.0	0.000	200
760413		16.0	10.3	7.8	0.150		110	0.10	0.0	767				
760322		19.0	3.1	7.4	0.200		110	0.30	0.8	1100				
760317		8.5	11.7	7.5	0.100		100	0.10	0.3	1033				
760123		0.5	11.9	7.3	0.160		110	0.60	2.2	667				
751209		1.0	10.4	7.0	0.400		1200	0.45	1.4	550				
751103		14.5	3.7	7.3	0.250	0.005	20	0.00	0.0	383	0.00	0.0	0.000	55
751016		16.0	0.9	7.1	0.310		30	0.00	0.1	383				
750916		20.0	7.3	7.2	0.370		920	0.55	0.4	250				
750812		23.0	3.7	7.6	0.160	0.011	170	0.15	0.1	383	0.00	0.0	0.001	33
750630		25.5	4.2	7.2	0.180		300	0.20	0.0	800				
750522		25.0	5.4	7.4	0.150	0.005	250	0.16	0.5	467	0.00	0.0	0.000	60
750424		16.5	8.5	6.7	0.400		22000	0.52	1.4	250				
750310		0.5	12.9	7.6	0.070		70	0.10	0.6	850				
750224		1.5	12.9	7.1	0.280	0.005	640	0.20	0.8	217	0.02	0.0	0.000	45
741217		0.5	11.7	7.7	0.150	0.005	300	0.09	0.7	650				
741029		13.5	6.0	7.1	0.150	0.010	70	0.00	0.0	583	0.00	0.0	0.000	95
741015		13.5	6.4	7.0	0.480	0.030	44000	0.08	0.6	333				

CH 03 FOX RIVER
TOWNSHIP ROAD BRIDGE 1 MI WEST NORTHWEST OF OLNEY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-NIUM (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770510	0.000	0.0	0.5	0.010	0.00	0.00	0.00	1.6	1.08	0.0	0.00	0.0	0.2	90
770413	0.000	0.0	0.2	0.000	0.00		0.00	1.0	0.44	0.0	0.00	0.0	0.2	110
770223	0.002	0.0	0.3	0.000	0.00		0.00	1.0	0.83	0.0	0.00	0.0	0.2	75
761118	0.001	0.0	0.1	0.001	0.00	0.06	0.00	0.4	0.87	0.0	0.00	0.0	0.4	50
760811	0.002	0.0	0.1	0.010	0.00	0.00	0.02	0.6	1.50	0.0	0.00	0.0	0.9	20
760519	0.000	0.3	0.1	0.000	0.00	0.00	0.02	0.9	1.20	0.1	0.00	0.0	0.4	150
751103	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.4	0.65	0.0	0.00	0.0	1.2	19
750812	0.001	0.1	0.1	0.000	0.00	0.00	0.00	1.2	1.12	0.4	0.00	0.0	0.4	40
750522	0.000	0.0	0.1	0.000	0.00	0.00	0.00	1.9	0.80	0.0	0.00	0.0	0.3	54
750224	0.000	0.0	0.4	0.000	0.00	0.00	0.00	5.9	0.15	0.2	0.00	0.0	0.3	26
741029	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.9	0.88	0.0	0.00	0.0	0.2	70

CH 03 FOX RIVER
TOWNSHIP ROAD BRIDGE 1 MI WEST NORTHWEST OF OLNEY --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770510	0.00	0.000					
770413	0.00				195	56	
770223	0.00				130	50	
761118	0.06	0.010					
760811	0.00						
760519	0.00	0.000	0.30				
751103		0.000	0.10				
750812		0.000	0.20				
750522		0.000	0.10				
750224		0.000	0.10				
741217			0.10				
741029		0.000	0.20				
741015			0.20				

CJ 04 BIG MUDDY CREEK
US 50 BRIDGE 3.5 MI EAST OF CLAY CITY
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770620		24.0	7.1	7.9	0.120	0.005	60	0.05	0.0	1300	0.00	0.0	0.000	30
770510		13.0	5.2	7.3	0.180		0	0.60	0.1	1333				
770413		20.0	3.8	7.5	0.300		10	0.00	0.0	1050	0.00	0.0	0.000	65
770316		11.0	4.9	7.1	0.320	0.020	160	0.20	0.3	517	0.00	0.0	0.000	50
770223		1.5	7.3	6.9	0.200		0	0.45	0.3	300	0.01	0.0	0.000	25
761228		0.5	6.7	7.3	0.700	0.015	0	0.00	0.0	1367	0.00	0.0	0.000	25
761122		0.5	8.4	7.3	0.200		10	0.15	0.0	1467				
761020		8.5	6.7	7.5	0.250		60	0.00	0.0	817				
760921		19.0	6.1	7.6	0.300	0.010	50	0.15	0.2	783	0.01	0.0	0.000	15
760811		22.0	4.8	7.6	0.250		150	0.10	0.1	800				
760721		25.0	4.6	7.7	0.240		590	0.05	0.1	833				
760622		19.5	4.3	7.5	0.200	0.010	580	0.50	0.1	800	0.02	0.0	0.000	75
760519		13.5	8.1	7.6	0.150		150	0.20	0.1	1983				
760412		16.0	12.4	7.7	0.150		60	0.10	0.0	1100				
760317		5.0	8.3	7.2	0.250	0.000	40	0.25	0.2	950	0.01	0.0	0.000	125
760224		9.5	7.5	6.7	0.370		560	0.40	0.9	467				
760123		0.0	7.1	7.7	0.180		0	0.40	0.6	767				
751215		1.0	9.7	6.9	0.850	0.000	9300	0.85	1.2	283	0.02	0.1	0.000	20
751103		15.0	3.4	7.3	0.130			0.05	0.0	900				
751028		15.0	4.4	7.6	0.120		0	0.10	5.9	917				
750909		25.0	3.6	7.3	0.110	0.008	30	0.30	0.0	850	0.00	0.0	0.000	31
750812		23.0	4.9	7.4	0.190		80	0.15	0.0	567				
750716		20.5	9.8	7.9	0.140	0.006	330	0.15	0.2	1433		0.0	0.000	52
750617		22.0	7.3	7.7	0.150	0.010	500	0.05	0.1	1400	0.01	0.0	0.000	65

CJ 04 BIG MUDDY CREEK
US 50 BRIDGE 3.5 MI EAST OF CLAY CITY --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
750519		26.5	8.0	7.4	0.150		190	0.11	0.6	1367				
750922		16.5	9.0	7.5	0.140		120	0.04	0.0	767				
750310		0.0	11.6	7.4	0.130	0.005	10	0.40	0.5	1250	0.01	0.0	0.000	75
750225		0.5	12.3	7.1	0.520		840	0.60	1.0	183				
741217		1.0	9.9	7.5	0.120	0.005	180	0.11	0.6	867	0.00	0.0	0.000	85
741029		13.0	2.7	7.1	0.120	0.010	110	0.06	0.0	933				
741015			5.8	6.8	0.280	0.010	8400	0.03	0.2	367				

CJ 04 BIG MUDDY CREEK
US 50 BRIDGE 3.5 MI EAST OF CLAY CITY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770620	0.002	0.1	0.1	0.010	0.00	0.00	0.00	0.9	1.35	0.0	0.00	0.0	0.3	310
770413	0.001	0.1	0.1	0.000	0.00		0.00	1.6	2.00	0.0	0.00	0.0	0.2	260
770316	0.000	0.1	0.4	0.010	0.00	0.04	0.00	1.6	0.95	0.0	0.00	0.0	0.2	97
770223	0.001	0.0	0.2	0.010	0.00		0.00	0.7	0.88	0.0	0.00	0.0	0.1	30
761228	0.002	0.1	0.2	0.000	0.00	0.00	0.00	1.2	6.80	0.0	0.00	0.0	0.2	300
760921	0.002	0.2	0.1	0.010	0.00	0.02	0.02	0.8	1.60	0.0	0.00	0.0	0.4	143
760622	0.002	0.1	0.3	0.010	0.00	0.00	0.03	1.9	2.20	0.0	0.00	0.0	0.3	125
760317	0.000	0.0	0.1	0.010	0.00	0.03	0.05	3.4	0.87	0.0	0.00	0.0	0.2	180
751215	0.002	0.0	0.9	0.010	0.00	0.00	0.00	8.0	0.36	0.0	0.00	0.1	0.2	75
750909	0.000	0.1	0.1	0.010	0.00	0.00	0.00	1.7	2.95	0.0	0.00	0.0	0.3	180
750716	0.000	0.1	0.1	0.010	0.00	0.00	0.00	1.5	1.30	0.0	0.00	0.0	0.4	29
750617	0.000	0.0	0.2	0.000	0.00	0.00	0.00	1.4	2.15	0.0	0.00	0.0	0.3	335
750310	0.000	0.1	0.2	0.000	0.00	0.00	0.00	3.5	1.10	0.0	0.00	0.0	0.1	300
741217		0.0	0.2	0.000	0.00	0.00	0.00	1.8	0.35	0.0		0.0	0.2	175

CJ 04 BIG MUDDY CREEK
US 50 BRIDGE 3.5 MI EAST OF CLAY CITY --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	ABAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770620	0.00	0.000					
770413	0.00				175	140	
770316	0.04	0.005					
770223	0.00				70	30	
761228		0.000					
760921	0.02	0.000					
760622	0.00	0.010					
760317	0.03	0.000	0.30				
751215	0.00	0.010	0.00				
750909		0.000	0.30				
750716			0.40				
750617		0.000	0.40				
750310		0.000	0.30				
741217		0.000	0.10				
741029			0.20				
741015			0.20				

CH 01 DISHAL CREEK
TOWNSHIP ROAD BRIDGE 5 MI NORTHWEST OF LOUISVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100 ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770620		24.0	4.4	7.8	0.080		40	0.10	0.0	850				
770503		18.5	7.7	7.8	0.050		80	0.15	0.0	1150				
770412		19.5	11.4	8.1	0.050	0.008	10	0.05	0.0	1067	0.00	0.0	0.000	98
770310		5.5	10.2	7.5	0.150		40	0.30	0.8	633				
770215			13.9	7.3	0.560	0.012	300	0.60	1.1	517	0.01	0.0	0.000	27
761221		1.0	0.0	7.1	2.000		0	0.50	0.0					
761122		0.5	2.2	7.1	0.350		0	0.05	0.0					
761019		6.5	2.9	7.2	0.500	0.010	100	0.10	0.0	517	0.00	0.0	0.000	10
760908		18.5	4.7	7.6	0.200		180	0.15	0.1	458				
760804		22.0	6.6	7.8	0.200		630	0.25	0.0	1183				
760713		25.0	4.4	7.8	0.200	0.020		0.10	0.1		0.02	0.0	0.000	70
760608		20.5	10.6	8.0	0.050		30	0.10	0.0					
760513		18.0	9.7	7.6	0.100		50	0.00	0.0					
760406		11.0	11.3	7.7	0.100	0.015	160	0.05	0.0		0.02	0.0	0.000	105
760325		10.0	9.6	7.5	0.150		410	0.10	0.5	700				
760204		0.0	13.8	7.7	0.200		0	0.30	0.6	933				
760123		0.0	12.0	7.7	0.140	0.003	2200	0.60	1.4	800	0.01	0.0	0.000	100
751222		0.0	12.4	7.5	0.450		1500	0.30	0.7	517				
751103		14.0	2.5	7.4	0.830		10	0.05	0.0					
751028		16.0	1.8	7.4	0.660	0.060	20	0.10	0.0		0.00	0.0	0.000	200
750923		26.0	5.9	7.6	0.080		110	0.10	0.1	383				
750805		24.5	6.3	8.0	0.080		340	0.11	0.2	1067				
750716		20.5	6.5	7.6	0.060		120	0.15	0.2	550				
750610		24.5	5.9	7.7	0.110		210	0.12	0.4	750				
750508		19.0	8.0	7.8	0.100		720	0.06	0.0	850				
750408		9.5	11.3	7.6	0.080	0.005	80	0.02	0.1	767	0.00	0.0	0.000	120
750306		2.0	12.8	7.7	0.060		40	0.10	0.4	767				
750220		1.5	13.7	7.8	0.090		40	0.10	1.8	717				
750114		0.0	12.0	7.3	0.380	0.005	680	0.34	0.7	450	0.00	0.0	0.000	70
741202		1.5		7.9	0.110	0.005	410	0.00	0.2	933				
741029		11.0	2.0	7.1	0.200	0.025	30	0.00	0.0					
741008		10.5	7.6	7.5	0.070	0.005	20	0.00	0.0	1383	0.00	0.0	0.000	75

CH 01 DISHAL CREEK
TOWNSHIP ROAD BRIDGE 5 MI NORTHWEST OF LOUISVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770412	0.000	0.1	0.2	0.000	0.00	0.00	0.00	1.0	0.40	0.0	0.00	0.0	0.2	210
770215	0.001	0.0	0.1	0.010	0.00	0.00	0.00	2.0	0.33	0.0	0.00	0.0	0.2	110
761019	0.003	0.1	0.1	0.010	0.00	0.02	0.01	3.3	1.65	0.0	0.00	0.0	0.2	60
760713	0.001	0.1	0.2	0.030	0.00	0.00	0.02	0.7	1.15	0.0	0.00	0.0	0.4	800
760406	0.000	0.1	0.2	0.010	0.00	0.00	0.10	0.8	0.58	0.0	0.00	0.0	0.2	460
760123	0.000	0.1	0.3	0.010	0.00	0.02	0.00	2.5	0.35	0.0	0.00	0.0	0.2	85
751028	0.003	0.5	0.3	0.030	0.00	0.00	0.00	2.9	6.75	0.2	0.00	0.0	0.2	1900
750408	0.000	0.0	0.1	0.000	0.00	0.00	0.00	1.0	0.80	0.0	0.00	0.0	0.2	75
750114	0.000	0.1	0.3	0.000	0.00	0.00	0.00	8.0	0.35	0.0	0.00	0.0	0.2	50
741008	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.7	0.34	0.0	0.00	0.0	0.2	360

CH 01 DISHAL CREEK
TOWNSHIP ROAD BRIDGE 5 MI NORTHWEST OF LOUISVILLE --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770412	0.00	0.000			285	140	
770215	0.00	0.005					
761221				1600			
761122				1210			
761019	0.02	0.005					
760713	0.00	0.000		1440			

CM 01 DISBAL CREEK
TOWNSHIP ROAD BRIDGE 5 MI NORTHWEST OF LOUISVILLE --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
760608				1330			
760513				5000			
760406	0.00	0.020	0.40	1060			
760123		0.020	0.40				
751103				3520			
751028		0.000	1.00	3640			
750408		0.000	0.20				
750114		0.000					
741202			0.20				
741029			0.50	1580			
741008		0.000	0.50				

CP 01 SALT CREEK
US 45 BRIDGE 10 MI SOUTH OF EFFINGHAM
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	LEAD (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	SULFATE (SO4) (MG/L)
770614		21.0	6.5	7.8	1.250		1500	3.10	1.5	900				
770503		18.5	6.3	7.8	0.530		140	0.65	2.3	833				
770406		10.0	10.0	7.9	0.300	0.005	50	0.50	0.9	650	0.01	0.0	0.000	95
770321		7.0	13.8	7.8	0.380		90	1.70	0.8	800				
770215		0.0	11.7	7.5	0.860	0.012	1600	1.50	1.5	383	0.01	0.0	0.000	47
761221			16.6	7.8	1.400		240	9.20	0.8	1233				
761122		1.0	9.6	7.7	1.100		160	6.60	0.5	1000				
761019		6.0	7.3	7.6	3.000	0.015	420	5.80	0.6	1067	0.00	0.0	0.000	45
760908		16.0	6.5	7.8	1.300		2800	4.50	2.3	933				
760804		21.0	6.7	7.7	0.400		1300	0.20	0.8	617				
760713		21.0	5.9	7.9	0.350	0.010	3400	2.80	3.5	1083	0.00	0.0	0.000	75
760608		21.5	6.6	7.6	0.500		840	1.30	1.8	817				
760513		18.0	8.1	7.7	0.550		310	1.80	1.4	900				
760406		10.5	9.5	7.7	0.400	0.005	130	1.10	0.8	800	0.00	0.0	0.000	118
760325		10.5	8.7	7.6	0.350		550	0.95	0.7	733				
760204		3.0	9.8	7.6	0.560		30	3.25	0.5	783				
760123		0.0	7.1	8.0	0.100	0.002	0	4.15	0.5	933	0.01	0.0	0.000	88
751222		3.0	11.4	7.7	0.650		380	3.25	0.7	767				
751103		14.0	4.3	7.6	4.300		790	8.30	0.1	900				
751028		15.0	6.2	7.9	4.200	0.014	200	14.00	0.8	1167	0.01	0.0	0.000	50
750903		26.5	5.2	7.4	0.680		4200	1.50	0.9	383				
750805			6.2	7.6	0.730		7700	0.65	1.2	317				
750716		20.5	6.0	7.6	0.880		470	6.20	2.2	900				
750610		24.5	6.1	7.7	0.420		1500	1.40	1.6	583				
750508		18.5	7.7	7.8	0.750		59000	0.38	0.9	550				
750408		9.0	10.0	7.8	0.280	0.000	60	0.79	0.8	683	0.00	0.0	0.000	45
750306		1.5	11.7	7.8	0.210		70	1.00	1.1	767				
750220		1.0	12.9	7.8	0.310		90	0.60	2.4	550				
750114		0.0	12.2	7.5	0.340		490	0.57	1.1	583				
741202		1.5	10.5	7.8	0.700	0.005	430	2.40	1.6	750				
741029		11.5	4.9	7.4	0.700	0.010	120	4.50	0.4	933	0.00	0.0	0.000	70
741008		10.5	8.2	7.7	0.280	0.005	980	1.90	1.6	733				

CP 01 SALT CREEK
US 45 BRIDGE 10 MI SOUTH OF EFFINGHAM --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770406	0.000	0.0	0.4	0.000	0.00	0.00	0.05	0.9	0.35	0.0	0.00	0.0	0.3	30
770215	0.000	0.0	0.3	0.010	0.00	0.00	0.01	1.4	0.35	0.0	0.00	0.0	0.3	35
761019	0.002	0.1	0.5	0.000	0.00	0.02	0.00	1.9	0.50	0.0	0.00	0.0	0.8	100
760713	0.002	0.0	1.2	0.010	0.00	0.00	0.03	0.5	0.60	0.0	0.00	0.0	1.0	130
760406	0.001	0.0	0.3	0.020	0.00	0.00	0.05	1.2	0.55	0.0	0.00	0.0	0.3	40

CP 01 SALT CREEK
US 45 BRIDGE 10 MI SOUTH OF EFFINGHAM —CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
760123	0.000	0.2	0.3	0.020	0.00	0.01	0.02	1.4	1.10	0.0	0.00	0.0	0.3	65
751028	0.004	0.1	0.9	0.010	0.00	0.00	0.00	1.7	0.95	0.2	0.00	0.0	0.8	130
750408	0.001	0.0	0.3	0.000	0.00	0.00	0.00	1.1	0.85	0.0	0.00	0.0	0.2	25
741029	0.000	0.0	0.4	0.000	0.00	0.00	0.00	1.4	1.00	0.0	0.00	0.0	0.6	70

CP 01 SALT CREEK
US 45 BRIDGE 10 MI SOUTH OF EFFINGHAM --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770406	0.00	0.000					
770215	0.00	0.005					
761019	0.02	0.005					
760713	0.00	0.010					
760406	0.00	0.030	0.30				
760123		0.010	0.80				
751028		0.000	0.60				
750408		0.000	0.20				
741202			0.40				
741029		0.000	0.40				
741008			0.40				

I 01 MISSISSIPPI RIVER
CHESTER WATER INTAKE 0.3 MI SOUTH OF HIGHWAY BRIDGE
LAB: MARION DISCHARGE DATA: 07020500 MISSISSIPPI RIVER AT CHESTER, IL
DRAINAGE AREA: 712600 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROM-IUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
770901	123000	24.5	7.5	8.0	0.350		10000	0.15	1.0	450				
770809	106000	22.0	8.9	8.3	0.220	0.000	12000	0.10	0.7	550	0.3	0.00	0.00	0.0
770713	132000	30.0	9.6	7.8	0.220		9400	0.10	0.5	467				
770608	114000	23.0	9.0	8.0	0.260		11000	0.20	1.3	483				
770511	168000	15.0	7.8	7.8	0.270	0.000	570	0.15	0.9	383	0.8	0.00	0.02	0.1
770407	153000	10.5	9.5	7.9	0.350		2000	0.20	1.2	483				
770303	98200	3.5	13.5	7.9	0.400		540	1.00	0.7	517	0.3	0.00	0.01	0.0
770127	490000	3.0	14.1	7.8	0.250		1700	0.85	0.5	642				
761215	61300	1.5	23.0	8.1	0.300		1800	0.35	0.5	683				
761101	73300	6.5	12.1	7.9	0.240	0.025	5900	0.20	0.8	683	0.2	0.00	0.01	0.0
761013	70200	16.0	10.0	8.0	0.460		31000	0.15	0.6	717				
760922	63300	21.5	9.0	8.1	0.350		19000	0.10	0.3	667				
760819	78400	23.0	8.0	8.0	0.270	0.007	28000	0.10	0.4	625	0.1	0.00	0.02	0.1
760714	97800	24.5	8.0	7.8	0.500		15000	0.10	1.5	567				
760623	128000	19.5	9.6	7.9	0.850		26000	0.05	1.9	533				
760517	230000	16.0	8.2	8.0	0.400	0.000	1500	0.05	3.2	517	0.3	0.00	0.03	0.0
760407	250000	10.5	9.0	7.9	0.630		120	0.10	3.0	500				
760304	209000	16.0	10.2	7.9	0.300		3300	0.40	2.0	517				
760217	132000	10.5	12.5	8.0	0.340	0.005	1700	0.60	0.8	600	0.2	0.00	0.00	0.0
760128	89700	1.0	15.2	8.5	1.200		130	0.10	0.7	667				
751211	156000	4.0	12.1	8.1	0.410		4800	0.25	1.2	517				
751105	118000	16.5	11.0	8.0	0.220	0.004	13000	0.20	0.7	600	0.2	0.00	0.01	0.0
751014	112000	18.0	9.9	8.0	0.200		26000	0.20	0.4	617				
750918		20.0	9.3	8.2	0.130		50	0.20	0.2	433				
750814		23.0	8.5	8.2	0.240	0.005	5500	0.15	0.4	650	0.2	0.00	0.02	0.0
750709	264000	24.0	5.6	7.8	0.720		19000	0.10	2.6	463				
750604	284000	21.5	7.1	7.9	0.750		5200	0.27	2.5	467				
750505	397000	18.0	8.1	7.9	0.180	0.020	1800	0.15	2.5	450	0.2	0.00	0.02	0.0
750409	298000	9.5	10.6	7.8	0.470		510	0.43	2.5	433				
750303	269000	3.0	12.6	7.8	0.340		870	0.30	2.2	683				
750203	295000	4.0	12.3	7.6	0.490	0.005	900	0.38	1.7	367	0.3	0.00	0.01	0.0
750116	180000	1.0	13.5	7.2	0.420		2000	0.33	1.4	433				
741219	149000	2.0	12.3	8.1	0.260	0.005	940	0.19	1.2	500				
741030	87900	15.5	9.7	7.5	0.220	0.005	5600	0.14	0.7	567	0.1	0.00	0.01	0.0
741001	95800	13.5	10.0	8.0	0.280	0.005	26000	0.10	0.7	583				

I 01 MISSISSIPPI RIVER
CHESTER WATER INTAKE 0.3 MI SOUTH OF HIGHWAY BRIDGE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770809	0.003	0.2	0.000	0.00	0.10	2.5	0.20	0.0	0.0	0.00	0.000	0.3	23	80
770511	0.001	0.2	0.000	0.00	0.16	12.9	0.42	0.0	0.0	0.00	0.000	0.3	18	70
770303	0.001	0.2	0.000		0.27	3.4	0.22	0.4	0.0	0.00	0.000	0.3	28	80
761101	0.001	0.1	0.000	0.02	0.10	2.0	0.15	0.1	0.0	0.00	0.000	0.3	20	105
760819	0.000	0.1	0.000	0.00	0.05	1.2	0.13	0.0	0.0	0.00	0.000	0.4	24	125
760517	0.001	0.0	0.000	0.00	0.63	7.4	0.50	0.0	0.0	0.00	0.000	0.3	23	75
760217	0.000	0.0	0.000	0.00	0.33	1.4	0.23	0.0	0.0	0.00	0.000	0.4	70	75
751105	0.000	0.0	0.000	0.00	0.06	1.4	0.15	0.0	0.0	0.00	0.000	0.4	22	110
750814	0.001	0.0	0.000	0.00	0.12	1.0	0.15	0.0	0.0	0.00	0.000	0.5	20	150
750505	0.002	0.1	0.000	0.00	0.00	5.1	0.25	0.0	0.0	0.00	0.000	0.3	20	60
750203	0.000	0.1	0.000	0.00	0.00	8.0	0.36	0.0	0.0	0.00	0.000	0.3	20	53
741030	0.000	0.0	0.018	0.00	0.07	0.8	0.15	0.0	0.0	0.00	0.000	0.4	20	95

I 01 MISSISSIPPI RIVER
CHESTER WATER INTAKE 0.3 MI SOUTH OF HIGHWAY BRIDGE --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	CHE (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770809	0.00	0.000					
770511	0.00	0.005					
770303	0.06					200	160
761101	0.02	0.010					
760819		0.000					
760517	0.00	0.020	0.30				
760217		0.010	0.10				
751105		0.000	0.20				
750814		0.000	0.10				
750505		0.000	0.20				
750203		0.000	0.10				
741219			0.20				
741030		0.000	0.20				
741001			0.20				

I 02 MISSISSIPPI RIVER
US 60 BRIDGE 1 MI SOUTH OF CAIRO
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROM-IUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
770610		24.0	7.5	7.9	0.300	0.005	8000	0.20	1.3	483	0.4	0.00	0.01	0.1
770511		18.0	6.9	7.7	0.200		1200	0.10	0.5	300				
770420		16.0	7.1	8.0	0.300		590	0.20	0.5	567	0.3	0.00	0.01	0.0
770315		9.5	9.1	7.7	0.300	0.008	550	0.55	0.8	433	0.3	0.00	0.02	0.0
770218		1.0	12.9	7.7	0.250		160	1.00	0.5	633	0.2	0.00	0.00	0.0
770120			30.4	7.8	0.150		0	0.80	0.5	667				
761210		3.5	13.9	7.9	0.200	0.000		0.40	0.8	683	0.2	0.00	0.01	0.0
761119		5.5	11.4	8.0	0.200		960	0.20	0.5	750				
761008		16.5	9.4	8.0	0.240		6700	0.10	0.3	733				
760916		23.5	10.1	8.3	0.250	0.000	4900	0.00	0.2	700	0.1	0.00	0.00	0.0
760806		28.0	8.4	7.8	0.200		3000	0.30	0.2	633				
760709		26.5	6.3	7.7	0.350		7800	0.15	1.8	533				
760608		24.0	7.6	7.7	0.300	0.010	3500	0.10	2.2	533	0.1	0.00	0.01	0.0
760525		20.5	6.8	7.6	0.300		1000	0.20	2.4	483				
760408		13.5	8.9	7.7	0.400		520	0.10	3.2	517				
760311		9.0	9.7	7.5	0.500	0.000	2100	0.30	2.1	383	0.2	0.00	0.02	0.1
760211		5.0	13.5	8.0	0.280		430	0.25	0.8	633				
760123		2.0	12.4	8.0	1.600		2100	0.60	1.6	667				
751215			11.3	7.6	0.300	0.000		0.40	1.2	550	0.2	0.00	0.00	0.0
751124		8.0	11.0	7.8	0.170		4000	0.10	0.5	583				
751006		18.0	9.6	7.1	0.180		1300	0.05	1.0	567				
750929		21.0	8.6	7.8	0.240	0.002	1200	0.15	0.6	550	0.1	0.00	0.02	0.0
750807		28.0	6.8	7.5	0.210		2700	0.15	0.8	642				
750707		28.5	5.8	7.7	0.750		4000	0.30	2.9	450				
750616		24.5	7.2	7.1	0.560	0.005	2300	0.11	8.8	550	0.3	0.00	0.01	0.0
750512		20.0	13.4	8.1	0.300		300	0.10	1.7	383				
750410		11.5	10.5	7.6	0.190		180	0.30	2.1	383				
750313		3.5	11.9	7.7	0.280	0.000	720	0.20	1.8	400	0.2	0.00	0.02	0.0
750210		2.0	12.3	7.8	0.250		670	0.18	2.1	450				
750114		3.5	11.5	7.6	0.370		1100	0.22	1.3	433				
741209		4.0	11.4	7.9	0.210	0.005	620	0.13	0.8	567	0.2	0.00	0.00	0.0
741104		17.0	8.9	7.7	0.220	0.010	2000	0.10	1.7	567				
741008		18.0	10.2	8.1	0.230	0.005	2500	0.00	0.4	583				

I 02 MISSISSIPPI RIVER
US 60 BRIDGE 1 MI SOUTH OF CAIRO --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770610	0.004	0.2	0.000	0.00	0.01	7.8	0.02	0.0	0.0	0.00	0.000	0.4	19	80
770420		0.2	0.000	0.00	0.01	2.6	0.35		0.0		0.000	0.3	27	82
770315	0.000	0.1	0.000	0.04	0.00	2.4	0.10	0.0	0.0	0.00	0.000	0.2	26	60
770218	0.001	0.0	0.000		0.00	1.3	0.13	0.0	0.0	0.00	0.000	0.3	35	75
761210	0.001	0.1	0.000	0.00	0.00	1.6	0.15	0.0	0.0	0.00	0.000	0.5	28	130
760916	0.002	0.1	0.000	0.02	0.00	0.9	0.15	0.2	0.0	0.00	0.000	0.3	23	200
760808	0.001	0.0	0.000	0.00	0.05	3.5	0.25	0.0	0.0	0.00	0.000	0.3	20	100
760311	0.002	0.2	0.000	0.03	0.05	13.0	0.90	0.0	0.1	0.00	0.000	0.1	18	50
751215	0.000	0.0	0.000	0.00	0.00	1.0	0.15	0.2	0.0	0.00	0.000	0.4	29	95
750929	0.000	0.0	0.020	0.00	0.00	1.8	0.15	0.1	0.0	0.00	0.000	0.4	17	80
750616	0.000	0.0	0.000	0.00	0.00	3.6	0.20	0.0	0.0	0.00	0.000	0.4	20	95
750313	0.000	0.0	0.000	0.00	0.00	6.0	0.20	0.0	0.0	0.00	0.000	0.2	20	60
741209	0.000	0.0	0.000	0.00	0.00	0.7	0.00	0.0	0.0	0.00	0.000	0.3	23	90

I 02 MISSISSIPPI RIVER
US 60 BRIDGE 1 MI SOUTH OF CAIRO --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	CEE (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770610	0.00	0.000					
770420	0.00					210	150
770315	0.04	0.005					
770218	0.00					240	190
761210	0.00	0.010					
760916	0.02	0.015					
760808	0.00	0.015					
760311	0.03	0.000	0.20				
751215	0.00	0.000	0.10				
750929		0.010	0.20				
750616		0.000	0.50				
750313		0.000	0.30				
741209		0.000	0.40				
741104			0.20				
741008			0.20				

IB 01 SEXTON CREEK
ROUTE 3 BRIDGE AT GALE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/ 1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROM-IUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
770610		22.0	9.6	7.9	0.180		30	0.10	0.1	467				
770511		18.0	6.0	7.6	0.240	0.000	180	0.15	0.2	283	0.3	0.00	0.00	0.0
770420		17.0	6.1	7.7	0.150		60	0.15	0.1	300	0.1	0.00	0.00	0.0
770315		10.5	7.8	7.4	0.320		400	0.40	0.3	150				
770218		0.0	12.5	7.4	0.200	0.000	10	0.70	0.4	300	0.1	0.00	0.00	0.0
761210		1.0	13.3	7.9	0.100		0	0.10	0.0	467				
761119		5.5	8.9	7.6	0.150	0.000	10	0.05	0.0	500	0.2	0.00	0.00	0.0
761008		13.0	8.5	7.8	0.180		150	0.05	0.0	550				
760916		20.5	7.8	7.8	0.250		300	0.05	0.1	483				
760806		23.5	6.2	7.1	0.230	0.010	760	0.10	0.4	333	0.1	0.00	0.01	0.0
760709		24.5	5.2	7.3	0.450		1300	0.25	0.3	167				
760608		21.5	6.8	7.3	0.300			0.30	0.2	267				
760525		20.0	6.9	7.3	0.200	0.015	140	0.15	0.1	450	0.1	0.00	0.00	0.1
760408		15.5	9.6	7.7	0.200		50	0.05	0.2	317				
760311		11.0	7.7	7.3	0.200		230	0.30	1.0	267				
760211		6.5	12.8	7.7	0.210	0.003	70	0.15	0.2	350	0.0	0.00	0.01	0.1
760123		2.0	12.2	7.6	0.140		0	0.45	0.5	367				
751215		11.0	9.1	7.1	0.440		8800	0.40	0.5	283				
751124		6.5	10.7	7.3	0.100	0.012	70	0.00	0.1	433	0.1	0.00	0.01	0.0
751006		16.0	8.1	7.5	0.110		130	0.00	0.2	417				

IB 01 SEXTON CREEK
ROUTE 3 BRIDGE AT GALE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROM-IUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
750929		16.0	9.0	7.6	0.110		190	0.25	0.2	367				
750807		21.5	4.6	7.0	0.280	0.007	10	0.45	3.8	317	0.1	0.00	0.02	0.0
750707		28.5	5.6	7.5	0.350		1400	0.20	2.4	433				
750616		25.0	5.4	7.5	0.160		200	0.15	0.5	400				
750512		18.5	9.6	6.5	0.400	0.005	470	0.19	7.3	167	0.2	0.00	0.00	0.0
750410		12.0	9.0	7.5	0.210		90	0.10	0.3	200				
750313		3.5	12.0	7.2	0.370		770	0.20	0.4	108				
750210		1.5	12.2	7.7	0.130	0.005	0	0.20	0.8	300	0.1	0.00	0.00	0.0
750114		1.0	11.8	7.4	0.370		1000	0.28	0.5	183				
741209		3.5	10.5	7.0	0.110	0.005	400	0.10	0.2	267				
741104		16.5	6.5	7.2	0.640	0.025	14000	0.28	7.0	217	0.3	0.03	0.02	0.0
741008		11.5	8.4	7.8	0.110	0.005	360	0.07	0.1	367				

IB 01 SEXTON CREEK
ROUTE 3 BRIDGE AT GALE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770511	0.000	0.1	0.000	0.00	0.00	1.9	0.55	0.0	0.0	0.00	0.000	0.2	6	21
770420		0.2	0.000		0.00	1.4	0.70		0.0		0.000	0.1	4	18
770218	0.000	0.1	0.000	0.00	0.00	1.6	0.23	0.0	0.0	0.00	0.000	0.1	6	20
761119	0.001	0.2	0.000	0.02	0.00	2.0	0.71	0.2	0.0	0.00	0.000	0.2	8	15
760806	0.001	0.0	0.000	0.00	0.03	3.6	0.54	0.0	0.0	0.00	0.000	0.2	5	10
760525	0.000	0.0	0.000	0.00	0.05	0.9	1.12	0.1	0.0	0.00	0.000	0.2	8	15
760211	0.000	0.0	0.000	0.00	0.00	2.2	0.55	0.0	0.0	0.00	0.000	0.2	9	26
751124	0.001	0.3	0.000	0.00	0.00	0.9	0.44	0.0	0.0	0.00	0.000	0.2	6	13
750807	0.002	0.1	0.000	0.00	0.00	3.1	0.90	0.2	0.0	0.00	0.000	0.2	4	15
750512	0.000	0.0	0.010	0.00	0.00	4.0	0.20	0.0	0.0	0.00	0.000	0.2	5	20
750210	0.000	0.0	0.000	0.00	0.00	2.0	0.30	0.0	0.0	0.00	0.000	0.1	4	25
741104	0.000	0.2	0.000	0.03	0.05	15.8	1.15	0.2	0.0	0.00	0.000	0.1	8	20

IB 01 SEXTON CREEK
ROUTE 3 BRIDGE AT GALE --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	CEE (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770511	0.00	0.005					
770420	0.00					135	115
770218	0.00	0.000				140	125
761119	0.02						
760806	0.00	0.005					
760525	0.00	0.010	0.10				
760211		0.000	0.10				
751124		0.000	0.10				
750807		0.000	0.30				
750512		0.000	0.40				
750210		0.000	0.10				
741209			0.30				
741104		0.000	0.30				
741008			0.20				

II 01 NANYS RIVER
ROUTE 4 - 150 BRIDGE 0.5 MI WEST OF STEELVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROM-IUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
770622		21.0	7.7	6.7	0.750		99000	0.30	0.6	157				
770525		22.0	5.5	7.7	0.110	0.005	660	0.30	0.9	1083	0.7	0.00	0.01	0.0
770411		20.5	8.7	7.8	0.070		170	0.80	1.4	1050	0.5	0.00	0.00	0.0
770307		4.0	10.7	7.7	0.150		130	1.10	1.2	700				
770216		0.0	10.5	7.4	0.260		50	0.85	1.6	683				
761215		0.0	15.6	7.6	0.200		40	0.80	4.7	1050				
761101		6.5	8.6	7.0	0.360	0.015	200	0.65	0.7	725	0.4	0.00	0.01	0.0
761021		6.5	8.1	7.0	0.000		140	0.00	0.0	650				
760916		19.5	5.0	7.4	0.200		1700	0.20	0.3	367				
760812		23.0	6.5	7.7	0.200	0.004	860	0.00	0.3	650		0.00	0.00	0.0
760715		25.5	3.9	7.6	0.450		2200	0.25	0.5	883				
760610		23.0	6.4	7.6	0.100		1100	0.20	1.4	950				
760520		19.5	6.2	7.7	0.100	0.015	350	0.20	1.2	1117	0.5	0.00	0.00	0.0
760415		16.0	9.5	8.1	0.250		1000	0.00	0.4	1133				
760303		16.0	7.6	7.9	0.300		250	0.35	1.1	1083				
760218		6.5	8.9	7.7	0.160	0.000	3200	0.60	0.5	1283	0.3	0.00	0.01	0.0
760128		0.0	13.0	7.5	0.100		340	16.00	1.2	1483				
751210		2.0	10.3	7.5	0.350		700	1.80	1.9	683				
751105		15.0	5.2	7.8	0.130	0.009	620	0.10	0.3		0.4	0.00	0.00	0.0
751002		13.5	6.4	6.9	0.580		230000	4.00	1.8	533				
750917		18.5	6.7	7.1	0.050		8300	74.00	5.0					
750814		23.0	5.5	7.8	0.240	0.007	6300	0.25	0.6		0.6	0.00	0.00	0.0
750710		24.5	5.9	7.3	0.100		2300	0.20	1.3	817				
750605		22.0	6.0	7.6	0.100		440	0.11	1.6	1500				
750506		19.0	8.0	7.5	0.060	0.003	610	63.00	0.3		0.2	0.00	0.00	0.4
750403		9.0	10.5	7.5	0.050		320	5.20	0.7	1233				
750304		0.5	13.0	7.9	0.020		190	1.00	0.9	2167				
750206		0.0	11.8	7.4	0.030	0.005	110	7.00	1.0	1000	0.2	0.00	0.00	0.1
750109		2.0	10.0	7.9	0.280		950	1.20	0.9	933				
741219		1.0	10.7	7.8	0.060	0.005	720	1.90	1.8		0.3	0.00	0.00	0.0
741030		14.5	3.5	7.4	0.070	0.005	220	0.00	0.3					
741002		12.0	9.0	7.5	0.070	0.005	14000	0.35	1.0	900				

II 01 NANYS RIVER
ROUTE 4 - 150 BRIDGE 0.5 MI WEST OF STEELVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770525	0.000	0.0	0.020	0.00	0.00	0.9	0.72	0.0	0.0	0.00	0.000	0.7	25	390
770411	0.000	0.0	0.000	0.00	0.01	0.7	0.68	0.0	0.0	0.00	0.000	0.3	31	385
761101	0.000	0.0	0.000	0.00	0.00	3.2	1.30	0.1	0.0	0.00	0.000	0.4	35	200
760812	0.001	0.0	0.010		0.10	1.3	0.90	0.0	0.0	0.00	0.000	0.4	26	148
760520	0.000	0.0	0.000	0.00	0.05	1.4	1.70	0.0	0.0	0.00	0.000	1.0	45	350
760218	0.001	0.0	0.010	0.00	0.05	0.8	0.80	0.0	0.0	0.00	0.000	0.5	50	620
751105	0.000	0.0	0.010	0.00	0.00	0.7	0.83	0.0	0.0	0.00	0.000	0.9	40	615
750814	0.001	0.0	0.010	0.00	0.00	1.8	0.89	0.0	0.0	0.00	0.000	0.6	38	625
750506	0.000	0.0	0.010	0.00	0.00	0.6	3.50	0.0	0.2	0.00	0.000	0.6	46	870
750206	0.000	0.0	0.000	0.00	0.00	1.4	1.25	0.0	0.0	0.00	0.000	0.4	23	385
741219		0.0	0.000	0.00	0.00	0.5	0.80	0.0	0.0		0.000	0.4	30	850

II 01 NANYS RIVER
ROUTE 4 - 150 BRIDGE 0.5 MI WEST OF STEELVILLE --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	CBE (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770525	0.00	0.010					
770411	0.00					410	140
761101	0.00	0.000					
760812	0.03	0.005					
760520	0.00	0.010	0.40				

II 01 HARRIS RIVER
ROUTE 4 - 150 BRIDGE 0.5 MI WEST OF STEELVILLE --CONTINUED

DATE	CHROMIUM (MG/L)	CYANIDE (MG/L)	ARAS (MG/L)	CBE (MG/L)	BOD (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
760218		0.010	0.20				
751105		0.010	0.30		1240		
750917					2070		
750814		0.000	0.20		1340		
750506		0.000	0.20		1400		
750206	0.00	0.000	0.20				
741219		0.000	0.30		1600		
741030			0.20		2960		
741002			0.40				

II C2 HARRIS RIVER
ROUTE 154 BRIDGE 3 MI SOUTHEAST OF SPARTA
LAB: MARION

DATE	DISCHARGE (CFS)	TEMPERATURE DEG/C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NO3+NO2 NITROGEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROMIUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
770622		21.5	7.1	6.9	0.350		52000	0.35	0.5	367				
770525		23.5	9.0	7.2	0.130		4800	0.30	0.2	950				
770411		18.5	10.4	7.8	0.050	0.007	970	3.40	1.0		0.5	0.00	0.01	0.0
770307		5.0	10.7	7.6	0.150		230	0.15	0.7	833				
770216		0.0	10.9	7.3	0.140	0.008	180	0.15	2.1	800	0.2	0.00	0.01	0.0
761215		1.0	0.0	7.1	1.200		170	0.70	0.0	850				
761101		6.5	8.1	7.1	0.340		790	0.10	0.6	592				
761021		8.0	0.8	6.8	0.450	0.027	250	0.15	0.1	467	0.3	0.00	0.02	0.1
760916		18.0	2.3	7.2	0.150		200	0.40	0.3	433				
760812		23.0	3.7	7.4	0.150		250	0.45	0.3	450				
760715		24.0	1.9	7.7	0.100	0.010	110	0.95	0.1	1000	0.2	0.00	0.01	0.0
760610		23.5	4.2	7.5	0.050		1000	0.50	0.8	1250				
760520		20.5	4.6	7.5	0.050		90	0.45	0.5					
760415		17.0	7.6	7.8	0.050	0.010	1500	1.60	2.0	1483	0.2	0.00	0.01	0.0
760303		16.5	7.8	7.9	0.050		380	2.15	0.6					
760218		9.0	9.2	7.5	0.050		640	6.10	0.2					
760128		0.0	13.6	7.4	0.140	0.010	760	38.00	1.7		0.2	0.00	0.01	0.3
751210		1.5	11.0	7.4	0.260		460	4.90	1.6	933				
751105		15.0	2.0	7.2	0.520	0.023	60	18.00	1.6	967	0.2	0.00	0.00	0.0
751002		14.0	7.4	6.7	0.650	0.010	64000	7.20	1.0	433	0.5	0.00	0.02	0.0
750911		21.5	7.2	4.0	0.040		120	220.00	0.4					
750826		21.0	7.1	5.2	0.370		12000	4.80	0.4	383				
750710		24.5	4.6	7.3	0.120		3000	0.60	1.1	467				
750605		21.5	3.0	7.3	0.060		480	3.00	1.6	1217				
750506		19.0	8.0	7.5	0.050		670	65.00	0.3	2000				
750403		9.5	11.6	7.3	0.020	0.000	90	31.00	0.3		0.2	0.00	0.00	5.5
750304		2.0	13.3	6.7	0.000		0	34.00	0.6	2400				
750203		4.5	11.8	6.3	0.070		0	12.50	1.1					
750109		3.0	10.0	7.0	0.270	0.005	6300	13.70	1.2	1467	0.3	0.00	0.00	0.0
741218		0.0	12.3	7.4	0.050	0.005	160	20.50	0.7					
741030		16.0	0.3	6.8	0.580	0.040	300	0.05	0.0	517				
741001		13.5	6.2	7.0	0.280	0.005	4000	0.20	0.6	450	0.2	0.00	0.00	0.0

II 02 HARRIS RIVER
ROUTE 154 BRIDGE 3 MI SOUTHEAST OF SPARTA --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TRI CHROMIUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANGANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	FLUORIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)
770411	0.000	0.0	0.000	0.00	0.00	0.5	1.35	0.0	0.0	0.00	0.000	0.3	50	670
770216	0.000	0.0	0.010	0.00	0.01	0.8	0.58	0.0	0.0	0.00	0.000	0.2	22	250
761021	0.000	0.0	0.000	0.03	0.01	7.2	2.05	0.1	0.0	0.00	0.000	0.2	21	100
760715	0.002	0.0	0.050	0.00	0.05	0.6	4.40	0.0	0.0	0.00	0.000	0.5	30	200
760415	0.000	0.0	0.010	0.00	0.00	0.7	3.05	0.1	0.0	0.00	0.000	0.3	40	600
760128	0.000	0.1	0.000	0.00	0.02	1.4	2.20	0.0	0.0	0.00	0.000	0.3	44	900

II C2 MARYS RIVER
ROUTE 154 BRIDGE 3 MI SOUTHEAST OF SPARTA --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
751105	0.000	0.0	0.020	0.00	0.00	3.4	5.00	0.0	0.0	0.00	0.000	0.5	70	260
751002	0.000	0.1	0.010	0.00	0.00	5.0	0.95	0.1	0.0	0.00	0.000	0.4	24	130
750403	0.000	0.0	0.020	0.00	0.00	0.9	1.90	0.0	0.1	0.00	0.000	1.0	36	640
750109	0.000	0.0	0.040	0.00	0.01	5.3	3.00	0.0	0.1	0.00	0.000	0.3	47	600
741001	0.000	0.0	0.000	0.00	0.00	4.0	0.26	0.0	0.0	0.00	0.000	0.2	15	150

II C2 MARYS RIVER
ROUTE 154 BRIDGE 3 MI SOUTHEAST OF SPARTA --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	CEE (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770411	0.00				1240	600	140
770216	0.00	0.005					
761021	0.03	0.010					
760715	0.00	0.025					
760520					1180		
760415	0.00	0.010	0.30				
760303					1100		
760218					1400		
760128	0.00	0.000	0.30		1100		
751105		0.000	0.30				
751002		0.000	0.20				
750911					4400		
750403		0.000	0.20		960		
750203					774		
750109		0.000					
741218			0.20		1450		
741030			0.30				
741001		0.000	0.30				

II C3 MARYS RIVER
COUNTY ROAD BRIDGE 0.5 MI EAST OF WELGE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROM-IUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
770608		23.5	4.8	7.7	0.160		30	0.25	0.7	1233				
770511		15.0	6.4	7.8	0.130	0.000	160	0.25	0.7		0.8	0.00	0.01	0.0
770407		10.0	9.0	7.7	0.140		320	0.65	0.9	1133				
770303		5.0	10.4	7.6	0.300		180	0.95	0.8	950	0.3	0.00	0.00	0.0
770217		0.0	9.4	7.4	0.340		20	0.45	0.9	1033				
761215		0.0	17.5	7.8	0.600		10	0.90	1.0					
761101		5.5	6.6	7.3	0.540	0.004	14000	0.10	0.7	983	0.2	0.00	0.02	0.0
761013		14.0	4.8	7.3	0.340		1300	0.30	1.4	1333				
760922		17.0	5.9	7.5	0.200		330	0.10	0.3	800				
760819		19.5	4.1	7.5	0.350	0.014	620	0.20	0.5	1333	0.2	0.00	0.01	0.0
760719		25.0	4.8	7.5	0.350		500	0.15	0.5	1500				
760623		19.0	4.8	7.7	0.400		1200	0.35	0.7					
760517		16.0	4.8	7.9	0.350		380	0.55	0.7		0.7	0.00	0.00	0.0
760407		13.5	9.3	8.0	0.200		340	0.00	0.6					
760304		10.5	7.5	7.9	0.250		4200	0.20	0.5					
760217		10.5	8.0	7.8	0.290	0.000	780	0.60	0.4		0.3	0.00	0.00	0.0
760128		0.0	13.4	7.7	0.180		180	5.40	1.2					
751211		3.5	11.3	7.9	0.340		580	0.75	1.3					
751105		16.5	4.9	8.0	0.390	0.007	300	0.20	0.3		0.5	0.00	0.00	0.0
751002		18.0	5.2	8.0	0.250		13000	1.10	0.1					
750918		17.0	7.7	7.7	0.100		1600	0.25	0.3	950				
750814		22.0	5.7	7.9	0.410	0.017	7500	0.40	0.6		0.6	0.00	0.00	0.0
750709		24.5	3.9	7.5	0.200		770	0.90	1.0	1662				
750608		21.0	5.8	7.9	0.150		2200	0.21	1.2					
750505		18.5	6.0	7.8	0.210	0.004	2400	0.87	1.0	1250	0.2	0.00	0.00	0.0

II 03 HARRIS RIVER
COUNTY ROAD BRIDGE 0.5 MI EAST OF WELGE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROM-IUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
750410		9.5	9.1	7.9	0.090		880	1.00	1.1					
750303		1.5	11.9	7.2	0.080		960	0.40	0.7	1483				
750203		4.0	11.6	7.3	0.280	0.005	1100	0.33	1.1	767	0.2	0.00	0.02	0.1
750116		0.5	13.2	7.8	0.180		950	0.43	0.9	1217				
741219		1.0	11.9	7.8	0.180	0.005	730	0.75	1.1					
741030		14.5	2.3	7.2	0.350	0.005	180	0.05	0.2		0.5	0.00	0.01	0.0
741001		13.0	7.2	7.4	0.240	0.005	6700	2.20	1.3					

II 03 HARRIS RIVER
COUNTY ROAD BRIDGE 0.5 MI EAST OF WELGE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770511	0.000	0.0	0.010	0.00	0.02	0.8	0.98	0.0	0.0	0.00	0.000	0.5	28	600
770303	0.000	0.1	0.000		0.00	2.4	0.60	0.1	0.0	0.01	0.000	0.2	22	350
761101	0.000	0.1	0.010	0.00	0.00	3.5	0.75	0.0	0.0	0.00	0.000	0.2	20	300
760819	0.001	0.1	0.010	0.00	0.00	1.2	1.06	0.0	0.0	0.00	0.000	0.4	25	400
760517	0.000	0.0	0.050	0.00	0.05	1.2	1.50	0.0	0.0	0.00	0.000	1.0	65	1500
760217	0.000	0.0	0.020	0.00	0.05	0.6	0.80	0.0	0.0	0.00	0.000	0.6	55	750
751105	0.000	0.0	0.010	0.00	0.00	0.6	0.92	0.0	0.0	0.00	0.000	0.9	23	1780
750814	0.002	0.0	0.020	0.00	0.00	1.1	0.68	0.3	0.0	0.00	0.000	0.7	17	1600
750505	0.000	0.0	0.010	0.00	0.00	2.0	0.90	0.0	0.0	0.00	0.000	0.3	13	600
750203	0.000	0.0	0.000	0.00	0.00	4.6	0.47	0.9	0.0	0.00	0.000	0.2	12	270
741030	0.000	0.0	0.000	0.00	0.03	1.1	1.24	0.0	0.0	0.00	0.000	0.8	22	1600

II 03 HARRIS RIVER
COUNTY ROAD BRIDGE 0.5 MI EAST OF WELGE --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	ABAS (MG/L)	CBE (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770511	0.00	0.005			1240		
770303	0.00					390	130
761215					1240		
761101	0.00	0.010					
760819	0.00	0.000					
760623					1710		
760517	0.00	0.020	0.50		2390		
760407					1220		
760304					1600		
760217		0.000	0.20		1500		
760128					1300		
751211					1330		
751105		0.010	0.20		3110		
751008					2600		
750814		0.000	0.20		3070		
750709					1230		
750604					1830		
750505		0.000	0.20				
750410					1400		
750203		0.000	0.10				
741219			0.20		1400		
741030		0.000	0.30		3170		
741001			0.70		1290		

II 04 MARYS RIVER
EAST WEST TOWNSHIP ROAD BRIDGE 3 MI EAST OF CHESTER
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROM-IUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
770901		25.0	6.2	7.7	0.120		2100	0.25	1.1	1133				
770809		21.5	9.7	8.1	1.340		300000	0.20	0.9	167				
770608		23.5	6.0	7.7	0.080	0.005	120	0.25	0.1	1317	0.2	0.00	0.00	0.0
770511		15.5	9.2	7.9	0.050		140	0.15	0.1	1300				
770407		10.5	10.2	7.9	0.070		200	0.10	0.5	867				
770303		4.5	11.6	7.9	0.130	0.010	70	0.15	0.5	1033	0.2	0.00	0.00	0.0
770217			12.8	7.8	0.120		20	0.20	0.8	950				
761215		1.0	21.6	7.9	0.050	0.000	60	0.10	0.0		0.3	0.00	0.00	0.0
761101		5.0	9.8	7.5	0.420		7000	0.00	0.5	907				
761013		10.0	5.3	7.2	0.320		1600	0.25	0.3	683				
760922		17.0	7.2	7.5	0.150	0.012	720	0.05	0.0	883	0.1	0.00	0.01	0.0
760819		20.0	8.0	7.5	0.110		1200	0.10	0.2	733		0.00		0.0
760714		24.5	5.7	7.6	0.300		3000	0.15	0.4	733				
760623		19.5	9.1	7.9	0.200	0.005	1300	0.00	0.0	1167	0.1	0.00	0.01	0.0
760517		13.0	7.1	8.1	0.050		120	0.20	0.3	1133				
760407		13.5	9.8	8.0	0.100		230	0.05	0.0	1067				
760304		15.0	9.0	8.0	0.100	0.000	260	0.15	0.0	1000	0.1	0.00	0.00	0.0
760217		10.0	9.8	8.2	0.100		270	0.15	0.1	1067				
760128		3.0	14.5	7.8	0.180		270	0.35	1.3	867				
751211		3.5	12.0	8.3	0.190	0.000	350	0.15	0.6	950	0.1	0.00	0.00	0.0
751105		15.0	7.4	7.8	0.120	0.009	110	0.10	0.1		0.2	0.00	0.01	0.0
751008		18.5	8.2	7.8	0.120		670	0.05	0.1	1433				
750918		17.0	7.3	7.9	0.350	0.011	11000	0.25	0.9	467	0.3	0.00	0.00	0.0
750814		23.0	6.6	8.2	0.620		140000	0.30	0.4	400				
750709		24.5	6.0	7.5	0.240	0.005	2000	0.10	0.7	485	0.2	0.00	0.00	0.0
750604		21.0	7.8	7.9	0.150	0.005	770	0.17	0.4	1067	0.2	0.00	0.01	0.0
750505		19.0	8.3	7.9	0.040		790	0.10	0.3	833				
750410		9.5	9.0	7.9	0.050		170	0.05	0.3	1417				
750303		1.5	12.5	8.2	0.050	0.000	50	0.07	1.0	967	0.2	0.00	0.01	0.0
750203		3.5	12.8	7.5	0.190		320	0.17	1.2	550				
750116		0.5	14.7	7.9	0.090		2300	0.19	0.6	1100				
741219		1.0	13.7	8.1	0.050	0.005	180	0.06	0.0	967	0.2	0.00	0.00	0.0
741030		14.5	2.2	7.2	0.180	0.015	180	0.00	0.0	908				
741001		13.0	7.7	7.0	0.450	0.005	14000	0.20	0.6	483				

II 04 MARYS RIVER
EAST WEST TOWNSHIP ROAD BRIDGE 3 MI EAST OF CHESTER --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770608	0.001	0.1	0.035	0.00	0.03	1.4	2.40	0.0	0.0	0.00	0.000	0.4	11	500
770303	0.000	0.2	0.000	0.00	0.00	0.8	0.53	0.2	0.0	0.00	0.000	0.2	14	375
761215	0.000	0.1	0.010	0.00	0.00	1.1	0.33	0.0	0.0	0.00	0.000	0.2	17	720
760922	0.000	0.1	0.020	0.04	0.02	1.2	0.75	0.1	0.0	0.00	0.000	0.3	10	200
760819	0.001									0.00				
760623	0.000	0.1	0.010	0.00	0.03	1.6	1.00	0.1	0.0	0.00	0.000	0.3	18	375
760304	0.001	0.0	0.000		0.00	1.0	0.80	0.0	0.0	0.00	0.000	0.3	18	200
751211	0.000	0.0	0.000	0.00	0.00	0.7	0.70	0.0	0.0	0.00	0.000	0.4	18	400
751105	0.000	0.0	0.010	0.00	0.00	0.6	0.40	0.0	0.0	0.00	0.000	0.4	11	560
750918	0.000	0.1	0.010	0.00	0.02	0.9	0.37	0.0	0.0	0.00	0.000	0.4	18	80
750709	0.001	0.1	0.000	0.00	0.00	2.0	0.46	0.0	0.0	0.00	0.000	0.3	6	97
750604	0.001	0.1	0.000	0.00	0.00	1.6	0.80	0.0	0.0	0.00	0.000	0.3	10	315
750303	0.000	0.0	0.000	0.00	0.00	0.9	0.06	0.0	0.1	0.00	0.000	0.2	9	250
741219		0.0	0.000	0.00	0.00	0.8	0.38	0.0	0.0		0.000	0.2	15	450

IX 04 HARRIS RIVER
EAST WEST TOWNSHIP ROAD BRIDGE 3 MI EAST OF CHESTER --CONTINUED

DATE	CHROMIUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	CHE (MG/L)	ROE (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
770608	0.00	0.000					
770303	0.00	0.010				430	180
761215	0.00	0.000			1250		
760922	0.04	0.005					
760623	0.00	0.100					
760304	0.02	0.000	0.10				
751211		0.008	0.00				
751105		0.010	0.20		1180		
750918		0.010	0.10				
750709		0.000	0.30				
750604		0.000	0.10				
750303		0.000	0.20				
741219		0.000	0.10				
741030			0.20				
741001			0.30				

IX 02 CACHE RIVER
ROUTE 3 BRIDGE 1 MI SOUTHEAST OF CACHE
LAB: MARION

DATE	DISCHARGE (CFS)	TEMPERATURE DEG/C	DISSOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NO3+NO2 NITROGEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROMIUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
770610		21.0	8.7	8.0	0.330		90	0.10	0.0	467				
770511		16.0	7.5	7.4	0.220		370	0.05	0.1	217				
770420		17.0	6.1	7.6	0.300	0.005	400	0.20	0.1	233	0.2	0.00	0.00	0.0
770315		10.5	6.3	7.2	0.400		940	0.40	0.3	158				
770218		1.0	12.2	7.4	0.150		90	0.25	0.6	300	0.2	0.00	0.00	0.0
761210		1.0	14.7	8.0	0.050		40	0.10	0.0	483				
761119		5.5	11.7	8.0	0.100		0	0.00	0.0	567				
761008		13.5	10.0	8.0	0.120	0.005	60	0.00	0.1	550	0.0	0.00	0.01	0.0
760916		20.5	8.8	7.9	0.200		500	0.05	0.1	433				
760806		24.5	7.4	7.2	0.280		770	0.50	0.0	250				
760709		24.5	5.5	7.2	0.350	0.010	1600	0.20	1.3	192	0.1	0.00	0.02	0.4
760608		22.0	6.8	7.4	0.200		200	0.35	1.3	300				
760525		20.0	6.9	7.4	0.200		40	0.25	0.4	433				
760408		16.0	7.9	7.5	0.250	0.010	120	0.10	0.3	283	0.1	0.00	0.02	0.1
760311		11.5	8.8	7.4	0.150		230	0.10	0.6	300				
760211		6.5	13.0	7.6	0.250		210	0.10	0.2	333				
760123		3.5	12.1	7.6	0.180	0.002	4800	0.30	0.3	350	0.0	0.00	0.01	0.0
751215		11.0	8.8	7.0	0.550		8100	0.30	0.4	267				
751124		6.0	10.8	7.4	0.080		120	0.15	0.1	383				
751006		16.0	9.8	7.2	0.110	0.003	170	0.10	4.1	417	0.2	0.00	0.01	0.0
750929		20.5	8.3	7.7	0.150		330	0.25	0.3	283				
750807		23.5	5.5	7.1	0.400		910	0.30	0.4	195				
750707		23.5	4.3	6.8	0.910	0.007	6100	0.50	3.2	135	0.4	0.00	0.02	0.1
750616			7.8	7.5	0.220		60	0.06	0.4	350				
750512		20.0	4.2	6.7	0.300		280	0.25	0.3	125				
750410		12.0	10.4	6.8	0.150	0.000	0	0.10	5.2	183	0.3	0.00	0.00	0.0
750313		4.0	11.9	7.0	0.410		2200	0.30	0.6	100				
750210		3.0	11.0	7.3	0.200		210	0.10	0.9	217				
750114		3.0	10.2	6.8	0.370	0.005	2000	0.37	4.4	183	0.4	0.00	0.00	0.0
741209		4.0	10.6	7.4	0.110	0.005	480	0.08	0.4	317				
741104		18.0	5.5	7.4	1.400	0.010	6600	0.20	0.2	383				
741008		13.5	8.4	7.6	0.360	0.005	610	0.13	0.3	317	0.1	0.00		0.0

IX 02 CACHE RIVER
ROUTE 3 BRIDGE 1 MI SOUTHEAST OF CACHE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770420	0.004	0.1	0.000	0.00	0.00	4.1	0.78	0.0	0.0	0.00	0.000	0.1	5	13
770218	0.002	0.0	0.000		0.00	2.2	0.59	0.0	0.0	0.00	0.000	0.1	9	25
761008	0.002	0.1	0.000	0.04	0.00	1.0	0.40	0.0	0.0	0.00	0.000	0.2	6	20
760709	0.002	0.2	0.000	0.01	0.02	5.8	0.50	0.0	0.0	0.00	0.000	0.1	5	10
760408	0.000	0.0	0.000	0.00	0.00	2.1	0.50	0.0	0.0	0.00	0.000	0.1	6	10
760123	0.000	0.1	0.010	0.01	0.00	1.4	0.42	0.0	0.0	0.00	0.000	0.1	7	25
751006	0.001	0.2	0.000	0.00	0.00	1.5	0.62	0.1	0.0	0.00	0.000	0.2	6	15
750707	0.003	0.3	0.000	0.00	0.03	17.5	0.85	0.0	0.0	0.00	0.000	0.2	8	10
750410	0.000	0.0	0.000	0.00	0.00	2.7	0.10	0.1	0.0	0.00	0.000	0.2	7	25
750114	0.000	0.1	0.000		0.00	6.2	0.25	0.0	0.0	0.00	0.000	0.1	15	20
741008	0.000	0.0	0.000	0.00	0.00	6.8	0.69	0.0	0.0	0.00	0.000	0.2	7	15

IX 02 CACHE RIVER
ROUTE 3 BRIDGE 1 MI SOUTHEAST OF CACHE --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	CEE (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770420		0.000				115	98
770218	0.00					130	110
761008	0.04	0.010					
760709	0.01	0.005					
760408	0.00	0.030	0.10				
760123		0.010	0.30				
751006		0.010	0.30				
750707		0.000	0.20				
750410		0.000	0.30				
750114	0.03	0.000	0.00				
741209			0.30				
741104			0.10				
741008		0.000	0.20				

IX 03 CACHE RIVER
US 51 BRIDGE AT ULLIN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROM-IUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
770610		23.0	10.1	8.1	0.280		350	0.10	0.0	900				
770511		16.0	7.3	7.5	0.270	0.000	670	0.15	0.0	200	0.4	0.00	0.00	0.0
770420		17.0	5.4	7.5	0.200		8300	0.20	0.2	217	0.2	0.00	0.01	0.0
770315		11.0	6.7	7.1	0.470		690	0.45	0.3	167				
770218		3.0	11.0	7.3	0.100	0.000	10	0.20	0.8	233	0.1	0.00	0.00	0.0
761210		1.0	13.6	7.9	0.100			0.15	0.1	383				
761119		5.5	11.4	8.0	0.150	0.000	20	0.10	0.1	467	0.2	0.00	0.01	0.0
761008		13.5	12.0	8.1	0.080		200	0.00	0.0	517				
760916		22.0	9.9	7.9	0.250		9800	0.10	0.2	333				
760806		26.0	5.4	7.0	0.350	0.013	1000	0.20	0.3	183	0.3	0.00	0.01	0.0
760709		24.5	3.7	7.2	0.250		390	0.10	0.3	183				
760608		23.5	6.7	7.2	0.200		300	0.25	1.5	300				
760525		21.0	9.7	7.7	0.250	0.015	160	0.15	0.4	367	0.1	0.00	0.02	0.0
760408		19.0	10.0	7.7	0.200		140	0.05	0.5	333				
760311		12.0	9.5	7.4	0.300		210	0.05	1.0	300				
760211		6.5	13.0	7.5	0.250	0.002	100	0.10	0.3	283	0.1	0.00	0.00	0.1
760123		4.0	12.0	7.5	0.080		200	0.30	0.5	333				
751222		2.0	10.2	7.2	0.320		2100	0.30	0.3	217				
751124		6.0	11.3	7.4	0.130	0.015	170	0.00	0.1	317	0.1	0.00	0.00	0.0
751006		18.0	11.2	7.8	0.100		120	0.00	0.3	350				
750929		13.5	7.4	7.2	0.180		310	0.25	0.2	233				
750813		27.0	5.6	6.8	0.250	0.008	260	0.15	4.2	183	0.2	0.00	0.01	0.0
750710		26.5	4.9	7.3	0.310		1300	0.30	0.5	233				
750618		25.0	6.3	7.7	0.240		1000	0.18	0.6	350				

IX 03 CACHE RIVER
US 51 BRIDGE AT ULLIN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	BORON (MG/L)	HEX CHROM-IUM (MG/L)	LEAD (MG/L)	ZINC (MG/L)
750513		17.0	5.5	6.6	0.450	0.005	4700	0.35	0.2	158	0.2	0.00	0.01	0.0
750918		10.5	8.1	7.2	0.260		100	0.15	0.3	1317				
750317			9.9	6.6	0.280		500	0.20	0.6	133				
750211		3.5	11.2	7.4	0.160	0.000	60	0.14	0.7	233	0.1	0.00	0.00	0.0
750127		5.0	11.2	7.5	0.230		40	0.15	0.5	250				
741210		2.0	11.7	7.4	0.130	0.010	330	0.09	0.5	283				
741106		12.0	5.7	6.6	0.470	0.010	5800	0.15	0.9	167	0.2	0.00	0.03	0.0
741009			8.1	7.6	0.210	0.005	1000	0.12	0.2	250				

IX 03 CACHE RIVER
US 51 BRIDGE AT ULLIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770511	0.001	0.0	0.000	0.00	0.00	5.0	0.87	0.0	0.0	0.00	0.000	0.2	6	10
770420		0.1	0.000	0.00	0.00	4.6	0.98		0.0		0.000	0.1	5	13
770218	0.001	0.0	0.000	0.00	0.00	1.2	0.48	0.0	0.0	0.01	0.000	0.1	10	28
761119	0.002	0.1	0.000	0.08	0.00	1.6	0.40	0.0	0.0	0.00	0.000	0.2	18	15
760806	0.002	0.0	0.000		0.03	5.6	0.57	0.0	0.0	0.00	0.000	0.2	5	10
760525	0.000	0.0	0.000	0.00	0.05	2.2	0.70	0.1	0.0	0.00	0.000	0.2	8	75
760211	0.000	0.0	0.010	0.00	0.00	2.6	0.50	0.0	0.0	0.00	0.000	0.1	18	25
751124	0.001	0.0	0.000	0.00	0.00	2.2	0.50	0.0	0.0	0.00	0.000	0.2	9	17
750813	0.001	0.1	0.000	0.00	0.00	4.5	0.80	0.5	0.0	0.00	0.000	0.2	5	10
750513	0.006	0.0	0.000	0.00	0.00	7.5	0.55	0.0	0.0	0.00	0.000	0.2	5	10
750211	0.001	0.0	0.000	0.00	0.00	1.3	0.15	0.0	0.0	0.00	0.000	0.1	7	20
741106	0.000	0.0	0.000	0.00	0.00	4.7	0.53	0.0	0.0	0.00	0.000	0.1	7	10

IX 03 CACHE RIVER
US 51 BRIDGE AT ULLIN --CONTINUED

DATE	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MBAS (MG/L)	CEE (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770511	0.00	0.005					
770420	0.00					96	86
770218	0.00	0.005		5.50		92	84
761119	0.08						
760806	0.00	0.005					
760525	0.00	0.010	0.20				
760211		0.010	0.10				
751124		0.000	0.10				
750813	0.00	0.000	0.30				
750513		0.000	0.20				
750211		0.000	0.10				
741210			0.20				
741106		0.000	0.20				
741009			0.20				

J 02 MISSISSIPPI RIVER
EAST ST LOUIS WATER INTAKE NORTH OF CHOUTEAU ISLAND
LAB: MARION DISCHARGE DATA: 07010000 MISSISSIPPI RIVER AT ST. LOUIS, MO
DRAINAGE AREA: 701000 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
760506	357000	21.5	7.6	8.1	0.300		150	0.35	0.6	950				
750708	243000	21.5	7.2	7.2	0.120		0	0.10	1.4					
750612	203000	21.0	6.2	7.9	0.320	0.005		0.03	4.9	517	0.00	0.08	55	0.30
750509	426000	20.0	8.3	7.8	0.350		2800	0.08	3.4	417				
750422	289000	8.5	11.3	8.8	0.260		230	0.00	0.0	617				
750310	230000	4.0	13.1	8.0	0.260	0.005	280	0.50	3.2	533	0.10	0.15	45	0.30
750203	227000	4.5	12.9	8.0	0.130		40	1.50	1.3	567				
750122	124000	4.5	14.9	8.1	0.320		150	0.29	3.5	533				
741205	99100	4.0	12.2	8.2	0.250	0.005	820	0.10	1.2	517	0.02	0.09	70	0.40
741112	213000	9.5	10.5	8.1	0.300	0.000	1500	0.15	1.1	550				0.20
741007	84700	20.5	9.7	8.5	0.210	0.005	300	0.00	0.7	567				0.30

J 02 MISSISSIPPI RIVER
EAST ST LOUIS WATER INTAKE NORTH OF CHOUTEAU ISLAND --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
750612	0.000	0.0	0.3	0.000	0.00	0.00	1.0	0.00	0.0	0.00	0.000	0.0	0.4	26
750509					0.00									
750310	0.000	0.0	0.2	0.000	0.00	0.00	4.7	0.02	0.0	0.00	0.000	0.0	0.2	25
741205	0.000	0.0	0.0	0.000	0.00	0.00	0.7	0.01	0.0	0.00	0.000	0.0	0.2	20

J 02 MISSISSIPPI RIVER
EAST ST LOUIS WATER INTAKE NORTH OF CHOUTEAU ISLAND --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
751708									400		
750612					0.000	0.0					
750310			20		0.000	0.0					
741205					0.000	1.6					

J 03 MISSISSIPPI RIVER
ALTON WATER INTAKE 2 MI ABOVE US 67 BRIDGE
LAB: MARION DISCHARGE DATA: 05587500 MISSISSIPPI RIVER AT ALTON, IL
DRAINAGE AREA: 171500 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770516	67000	23.5	2.9	7.6	0.350		210	0.20	3.5	500				
770425	71900	18.0	6.1	8.1	0.200		40	0.20	1.7	583	0.01	0.09	65	
770328	77300	16.5	6.6	7.8	0.280		10	0.15	2.0	383	0.00	0.22	40	
761103	23400	5.5	9.1	8.1	0.190		70	0.15	1.2	567				
761006	22600	16.0	7.8	8.5	0.150			0.30	0.6	467				
760915	18700		5.5	7.8	0.200		50	0.10	0.4	517				
760825	22400	28.0	1.2	7.6	0.100		1000	0.15	0.8	500				
760706	62700	29.0	8.8	8.1	0.400		100	0.20	0.5	533				
760601	106000	24.5	8.3	7.8	0.300		6800	0.40	0.5	550				
760428	287000	13.5	3.7	7.7	0.200	0.015	0	0.05	2.9	583	0.05	0.15	80	0.20
760315	187000		10.5	7.8	0.250		130	0.40	5.5	567				
760301	137000		8.9	8.0	0.390		300	0.50	5.1	600				
760210	65700	8.0	15.3	8.0	0.310		160	0.95	1.4	650				0.30
751202	87900	3.5	10.8	7.8	0.340		3200	0.25	0.7	767				
751104	38900	20.0	9.8	8.2	0.430		100	0.20	1.1	467				

J 03 MISSISSIPPI RIVER
ALTON WATER INTAKE 2 MI ABOVE US 67 BRIDGE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (UG/L)	MANG-ANESE (UG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
751016	43000	19.5	7.2	8.2	0.210	0.006	30	0.05	0.7	475	0.00	0.00	50	0.10
750911	53000	22.0		7.1	0.960		77000	0.10	0.6	417				
750814	43700	24.0	7.8	8.3	0.200		0	0.05	0.6	750				
750710	174000	22.0	6.5	7.9	0.370	0.005	0	0.20	2.9	450	0.00	0.18	60	0.30
750612	134000	21.0	6.5	7.9	0.350		230	0.03	4.8	533				
750506	257000	20.0	7.6	7.9	0.230		100	0.05	4.8					
750403	267000	5.0	9.2	7.9	0.520		530	0.55	9.1	553				
750304	110000	4.5	13.3	7.8	0.380		200	0.60	4.5	592				
750210	67700	0.5	14.7	8.1	0.340		50	0.60	4.0	600				
750109	55200		13.0	8.4	0.350	0.040	80	0.27	1.7	517	0.00	0.30	50	0.20
741203	54400	4.5	11.5	8.5	0.320	0.000	20	0.27	2.4	567				0.30
741112	76500	9.5	11.3	8.1	0.320	0.000	3000	0.15	1.1	500				0.20
741007	33500	20.5	9.7	8.3	0.230	0.005	40	0.00	0.7	567	0.02	0.25	75	0.30

J 03 MISSISSIPPI RIVER
ALTON WATER INTAKE 2 MI ABOVE US 67 BRIDGE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770425		0.0	0.8	0.000	0.00		1.3	0.00	0.0		0.000	0.1	0.3	38
770328		0.1	0.3	0.000	0.00		1.0	0.00	0.0		0.000	0.0	0.2	36
760428	0.000	0.0	0.3	0.000	0.00		3.1	0.01	0.0	0.00	0.000	4.5	0.3	33
751016	0.001	0.0	0.2	0.000	0.00	0.00	0.7	0.00	0.0	0.00	0.000	0.0	0.4	24
750710	0.002	0.0	0.2	0.000	0.00	0.00	3.5	0.02	0.0	0.00	0.000	0.0	0.4	18
750109	0.000	0.0	0.2	0.000	0.00	0.00	0.3	0.00	0.0	0.00	0.000	0.0	0.2	35
741007	0.000	0.0	0.0	0.000	0.00	0.00	5.5	0.00	0.0	0.00	0.000	0.0	0.3	20

J 03 MISSISSIPPI RIVER
ALTON WATER INTAKE 2 MI ABOVE US 67 BRIDGE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770425				0.00						240	160
770328				0.00						225	150
760428		29		0.00	0.000	0.1					160
760210		41									185
751016				0.00	0.010	0.0					
750710					0.000	0.0					
750506			330								
750109					0.000	0.0					
741007					0.000	0.0					

J 81 MISSISSIPPI RIVER
US 50 JEFFERSON BARRACKS BRIDGE
LAB: MARION DISCHARGE DATA: 07010000 MISSISSIPPI RIVER AT ST. LOUIS, MO
DRAINAGE AREA: 701000 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (UG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770830	118000	25.0	6.1	8.1		0.005	1700	0.30	1.2	433	0.12		60	
770607	116000		7.7	7.7		0.000	5100	0.30	0.9	500	0.22	0.64	75	
770505	126000	21.0	8.4	7.5	0.600	0.005	420	0.15	2.6	533	0.00	0.10	70	
761011	65200	17.0	10.2	8.2	0.160	0.005	15000	0.05	0.3	717	0.00	0.17	115	
760914	61000		9.3	8.4	0.200	0.005	38000	0.05	0.3	683	0.00	0.10	100	
760823	70900	26.5	9.9	8.3	0.200	0.015	200	0.05	0.2	617	0.04	0.50	120	
760622	126000	26.0	7.5	7.9	0.750	0.015	30000	0.25	2.1	550	0.27	0.92	65	
760512	261000	16.5	8.3	7.5	1.100	0.005	1000	0.00	3.6	467	0.05	0.37	50	0.40

J 81 MISSISSIPPI RIVER
US 50 JEFFERSON BARRACKS BRIDGE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (UG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	NBAS (MG/L)
760413	245000	12.0	6.7	8.0	0.400		1600	0.25	2.0	433				
760309	373000	10.0	11.2	7.7	10.500		8900	0.40	1.5	383				
760210	96000	2.0	18.8	8.1	0.220	0.012	4600	0.40	0.5	633	0.05	0.15	32	0.20
760113	77800	2.0	7.3	7.5	0.430		13000	0.90	0.8	577				
751209	156000	5.0	6.2	8.0	0.470		14000	0.20	0.8	500				
751118	146000	10.0	11.3	7.4	0.250	0.009	45000	0.15	0.8	567	0.00	0.12	70	0.20
751014	108000	19.5	9.8	7.7	0.170		2000	0.00	0.4	567				
750909	151000	27.5	6.9	7.2	0.280			0.10	1.3	483				
750812	98200	32.0	2.2	8.2	0.160	0.005	10000	0.00	0.4	617	0.00	0.18	67	0.20
750708	243000		6.9	7.6	0.480	0.000	3900	0.10	2.6	443				
750513	421000	20.0	7.4	7.6	0.300	0.005	600	0.15	2.6	350	0.05	0.30	35	0.30
750408	291000	8.0	11.5	7.8			1100	0.60	2.9	433				
750312	210000	4.5	13.6	7.3			800	0.40	2.1	483				
750211	158000	1.0	18.0	8.0	0.170	0.011	270	0.14	0.9	500	0.00	0.05	70	0.20
741210	182000	3.0	11.2	8.2	0.430	0.010	2000	0.18	1.0	483	0.04	0.19		0.30
741015	98100	18.0	1.2	8.3	0.210			0.04	0.3	600	0.15	0.13	105	0.10

J 81 MISSISSIPPI RIVER
US 50 JEFFERSON BARRACKS BRIDGE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770830								0.05						17
770607	0.004	0.2	0.5	0.000	0.00	0.00	4.7	0.03	0.0	0.00	0.000	0.7	0.3	22
770505	0.000	0.9	1.0	0.000	0.00	0.00	1.9	0.00	0.0	0.00	0.000	0.0	0.3	27
761013	0.002	0.1	0.2	0.000	0.00	0.04	1.2	0.01	0.0	0.00	0.000	0.0	0.5	24
760914	0.003	0.1	0.1	0.000	0.00	0.00	0.6	0.00	0.0	0.00	0.000	0.0	0.4	23
760823	0.002	0.2	0.1	0.000	0.00	0.00	1.1	0.03	0.0	0.00	0.000	0.0	0.4	20
760622	0.006	0.4	0.3	0.000	0.00	0.06	21.0	0.05	0.0	0.00	0.000	0.1	0.4	20
760512	0.001	0.0	0.4	0.000	0.00	0.02	4.9	0.02	0.0	0.00	0.000	0.0	0.3	20
760210	0.000	0.0	0.2	0.000	0.00	0.00	2.7	0.00	0.1	0.00	0.000	0.0	0.4	50
751118	0.000	0.0	0.2	0.000	0.00	0.00	1.3	0.01	0.0	0.00	0.000	0.0	0.4	22
750812	0.001	0.1	0.2	0.000	0.00	0.00	2.4	0.00	0.0	0.00	0.000	0.0	0.4	19
750513	0.007	0.3	0.1	0.000	0.00	0.00	9.0	0.01	0.0	0.00	0.000	0.0	0.3	15
750211	0.000	0.0	0.2	0.000	0.00	0.00	3.1	0.00	0.0	0.00	0.000	0.0	0.2	16
741210	0.000	0.1	0.2	0.000	0.00	0.00	4.2	0.02	0.0	0.00	0.000	0.0		
741015	0.000	0.0	0.2	0.000	0.00	0.00	0.6	0.02	0.0	0.00	0.000	0.0	0.4	20

J 81 MISSISSIPPI RIVER
US 50 JEFFERSON BARRACKS BRIDGE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770830		0			0.012	0.8	2				
770607				0.00	0.000	0.4					
770505		30		0.02	0.010	0.0					
761013				0.04		0.0		31			
760914		26	45	0.00	0.015	0.1					
760823				0.00	0.050	0.0					
760622				0.06	0.125	0.1					
760512				0.02	0.030	0.2					
760210					0.000	0.0		24			
751118					0.000	2.1		27			
750812					0.000	0.0					
750513					0.000	0.8					
750408			220								
750211					0.000	13.0					
741210					0.000	1.0					
741015					0.000	0.4					

J 82 MISSISSIPPI RIVER
ST LOUIS WATER INTAKE 0.2 MI SOUTH CHAIN OF ROCKS
LAB: MARION DISCHARGE DATA: 07010000 MISSISSIPPI RIVER AT ST. LOUIS, MO
DRAINAGE AREA: 701000 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
760913	245000	11.5	8.2	8.1	0.300		390	0.15	1.1	600				
760309	373000	10.0	11.4	7.4	0.650	0.000	5000	0.20	1.1	400	0.08	0.80	40	0.00
760210	96000	2.0	18.9	8.1	0.170		170	0.20	0.1	667				
760113	77800	2.0	7.8	7.3	0.180		380	0.30	0.4	583				
751209	156000	5.0	7.3	8.0	0.300	0.010	3900	0.20	0.6	617	0.00	0.20	150	0.00
751118	146000	10.0	13.0	7.8	0.190		730	0.05	0.4	683				
751014	108000	19.5	6.4	8.1	0.200		290	0.00	0.3	750				
750909	151000	25.0	8.2	8.1	0.220	0.005		0.10	0.6	700				
750812	98200	29.5	2.4	8.3	0.160	0.005	100	0.00	0.3	683				
750708	243000		6.7	7.8	0.510	0.000	920	0.20	1.4	612				
750513	421000	20.0	7.7	7.5	0.500	0.006	1300	0.33	1.4	467				
750408	291000	8.0	11.7	7.9			320	0.12	1.4	467				
750312	210000	4.5	12.8	7.7	0.300	0.000	430	0.20	0.9	500	0.00	0.20	85	0.20
750211	158000	1.0	18.0	7.6	0.320		5100	0.55	1.3	533				
741210	142000	3.0	11.4	8.2	0.290	0.000	450	0.22	1.0	517				0.30
741014	97000	15.0	8.5	8.4	0.200	0.000		0.06	0.6	667	0.00	0.15	110	0.20

J 82 MISSISSIPPI RIVER
ST LOUIS WATER INTAKE 0.2 MI SOUTH CHAIN OF ROCKS --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SELE-NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
760309	0.006	0.3	0.3	0.000	0.00	0.07	17.0	0.02	0.1	0.00	0.000	0.1	0.3	15
751209	0.003	0.0	0.4	0.000	0.00	0.00	2.6	0.01	0.0	0.00	0.000	0.0	0.3	80
750312		0.0	0.2	0.000	0.00	0.00	3.6	0.02	0.0		0.000	0.0	0.2	22
741014	0.000	0.0	0.2	0.000	0.00	0.00	0.6	0.02	0.0	0.00	0.000	0.0	0.3	23

J 82 MISSISSIPPI RIVER
ST LOUIS WATER INTAKE 0.2 MI SOUTH CHAIN OF ROCKS —CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL & GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
760309				0.07	0.010	0.0		550			
751209					0.010	7.0					
750812					0.000						
750408			200								
750312					0.000	2.1		70			
741014					0.000	0.3					

JD 01 MAEYSTOWN CREEK
LEVEE ROAD CULVERT 2 MI WEST OF FULTS
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770623		26.5	5.9	7.1	0.280		29000	0.70	2.0	258				
770511		19.0	10.3	7.6	0.100		1300	0.20	7.5	583				
770407		13.5	7.3	7.9	0.150		670	0.40	2.7	533	0.00	0.20	37	
770321		10.0	15.8	7.5	0.130		160	0.10	5.4	550				
770222		11.0	13.3	7.5	2.000	0.005	0	0.25	8.3	600	0.78	0.40	40	
761227		4.5	26.0	8.0	0.100		70	0.15	0.7	683				
761108		1.0	10.2	7.8	0.450		190	0.00	0.4	617				
760927			7.0	6.7	0.700		580	0.15	0.2	508				
760830		26.5	8.0	7.8	0.400		7000	0.10	0.5	433				
760803		29.0		7.6	0.700		5800	0.20	1.9	400				

JD 01 MAEYSTOWN CREEK
LEVEE ROAD CULVERT 2 MI WEST OF FULTS --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
760719		32.0	6.2	8.2	0.400		0	0.15	0.1	733				
760624		26.0		8.0	0.400		5000	0.15	0.8	533				
760526		23.5	9.7	7.9	0.450		20	0.15	0.5	617				
760429		13.5	10.7	8.1	0.500	0.000	400	0.15	1.4	633	0.40	0.30	40	0.20
760317		5.0	15.4	8.1	0.100		170	0.00	0.2	933				
751209			11.7	7.9	0.260		450	0.15	0.6	583				
751120			11.7	7.9	0.150		190	0.00	0.2	650				
750917		20.5	7.6	7.8	0.240		400	0.20	0.2	650				0.10
750821		23.5		7.6	0.320		15000	0.25	0.0	500				
750619		21.0	8.3	8.2	0.160		1100	0.00	2.5	600				
750520		20.0	9.7	8.1	0.150		9200	0.10	3.3	683				
750424		8.0	9.6	7.3	0.910	0.014	300	0.40	0.7	200	0.00	0.00	20	0.10
750325		0.5	11.6	8.0	0.080		80	0.04	1.1	567				
750218		5.5	13.0	8.1	0.090		100	0.05	2.2	650				
750107		6.5	12.0	8.0	0.200	0.005	540	0.06	1.1	867	0.00	0.22	190	0.20
741126		5.5	7.6	7.8	1.000	0.005	90	0.66	2.0	900				0.50
741022		11.0	10.7	8.2	0.130	0.000	130	0.03	0.0	667	0.00	0.34	40	0.10

JD 01 MAEYSTOWN CREEK
LEVEE ROAD CULVERT 2 MI WEST OF FULTS --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770407		0.0	0.3	0.000	0.00	0.00	1.1	0.00	0.0		0.000	0.0	0.2	7
770222	0.000	0.1	0.3	0.010	0.00	0.04	0.6	0.02	0.0	0.00	0.000	0.9	0.2	9
760429	0.000	0.0	0.2	0.000	0.00		1.3	0.00	0.0	0.00	0.000	0.0	0.2	8
750424	0.000	0.0	0.4	0.000	0.00	0.00	0.0	0.00	0.0	0.00	0.000	0.0	0.2	7
750107	0.000	0.0	0.2	0.000	0.00	0.00	1.3	0.00	0.0	0.00	0.000	0.0	0.2	20
741022	0.000	0.0	0.0	0.000	0.00	0.00	0.9	0.01	0.0	0.00	0.000	0.0	0.2	40

JD 01 MAEYSTOWN CREEK
LEVEE ROAD CULVERT 2 MI WEST OF FULTS --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770407				0.00							
770222				0.04		0.0				280	230
760429		120		0.00	0.000	0.3					280
750917		25									240
750424					0.000	0.2					
750107					0.000	0.0					
741022					0.000	0.0					

JB 01 FOUNTAIN CREEK
TOWNSHIP ROAD BRIDGE 0.5 WEST OF FOUNTAIN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770623		25.5	6.9	7.0	0.650		19000	0.85	1.0	217				
770511		19.0	9.1	7.6	0.250		2900	0.30	4.4	433				
770407		15.5	10.5	7.5	0.250		100	0.10	7.5	600	0.00	0.27	45	
770321		9.0	13.7	7.2	0.320		150	0.60	13.5	617				
761227		5.5	33.8	8.4	1.900		70	0.00	2.8	717				
761102		3.5	10.0	6.9	3.100	0.015	50	0.20	24.5	608	1.13	0.30	30	

JH 01 FOUNTAIN CREEK
TOWNSHIP ROAD BRIDGE 0.5 WEST OF FOUNTAIN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)
760830		26.5	9.7	8.1	0.200		2000	0.05	0.0	567				
760803		29.0	5.0	6.4	1.200		13000	0.50	16.5	300	0.28	0.55	20	
760719		31.5	6.0	8.3	0.200		0	0.05	0.1	733				
760614		29.5	10.4	8.1	0.250		350	0.15	0.1	650				
760526		23.0	8.8	8.0	0.600	0.005	130	0.10	1.7	683	0.07	0.55	100	0.30
760428		14.5	9.3	7.9	0.350		350	0.15	1.8	617				0.20
760317		5.5	15.0	8.2	0.400		90	0.00	1.2	1017				
751209			15.8	7.9	0.520		140	0.15	1.4	583				
751120			9.4	7.9	1.150	0.012	220	0.00	0.2	650	0.00	0.60	47	0.30
750917		20.0	7.0	7.6	0.240		820	0.15	1.5	533				0.20
750821		23.5		7.6	0.370	0.005	39000	0.35	0.0	517	0.00	1.90	65	0.20
750619		21.0	7.6	8.3	0.190		470	0.10	2.5	683				
750520			8.7	8.1	0.150		1300	0.07	3.3	717	0.00	0.11	130	0.20
750424		8.5	9.1	7.2	1.340		7900	0.40	0.7	200				
750325		9.5	13.4	8.1	0.070		360	0.00	3.4	900				
750218		5.0	15.5	8.3	0.080	0.007	120	0.04	1.4	583	0.00	0.20	40	0.10
750107		6.5	12.1	8.1	0.200		1000	0.06	1.1	867				
741126		5.5	11.7	7.8	0.920	0.005	90	0.55	1.9	1033				0.50
741022		10.0	9.8	7.8	0.180	0.005	150	0.10	1.1	617				0.20

JH 01 FOUNTAIN CREEK
TOWNSHIP ROAD BRIDGE 0.5 WEST OF FOUNTAIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEI CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770407		0.1	0.7	0.000	0.00	0.02	0.7	0.00	0.0		0.000	0.0	0.2	16
761102	0.001	0.0	0.6	0.000	0.00	0.02	3.4	0.01	0.0	0.00	0.000	0.1	0.2	17
760803	0.003	0.0	0.7	0.000	0.00	0.03	16.0	0.01	0.0	0.00	0.020	0.3	0.3	25
760526	0.000	0.1	0.2	0.000	0.00	0.00	1.4	0.01	0.0	0.00	0.000	0.0	0.5	25
751120	0.005	0.3	0.4	0.000	0.00	0.00	1.2	0.00	0.0	0.00	0.000	0.0	0.6	45
750821	0.003	0.0	0.1	0.000	0.00	0.00	1.0	0.02	0.0	0.00	0.000	0.0	0.3	11
750520	0.001	0.0	0.1	0.000	0.00	0.00	1.0	0.01	0.0	0.00	0.000	0.0	0.3	24
750218	0.000	0.0	0.1	0.000	0.00	0.00	0.2	0.00	0.0	0.00	0.000	0.0	0.2	7

JH 01 FOUNTAIN CREEK
TOWNSHIP ROAD BRIDGE 0.5 WEST OF FOUNTAIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770407				0.02							
761102				0.02	0.000	0.0		50			
760803				0.03	0.005	0.1					
760526				0.00	0.100	0.0					
760428		130									230
751120					0.010	0.0					
750917		16									250
750821					0.000	0.4					
750520					0.000	0.0					
750218				0.00	0.000	0.0					

JHA 01 CAHOKIA CANAL NO 1
NEW ROUTE 3 BRIDGE AT NORTH DUPO
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	HBAS (MG/L)
770830		24.0	8.0	7.0			1900	0.35		567			110	
770511		13.5	11.0	7.5	0.430		790	0.25	8.1	833				
770321		8.0	13.4	7.3	0.470		270	0.90	9.5	1033				
761227		5.5	30.6	8.4	0.160		200	0.10	0.1	467				
761108		3.5	9.7	8.3	3.100		380	1.40	1.6	1075			190	
760830		28.0	10.0	8.1	4.000		2500	0.10	3.0	867				
760803		30.0	7.5	7.9	1.200		1800	0.55	2.6	1100				
760719		29.5	7.0	7.3	0.480		190	0.05	0.0	733				
760526		23.0	13.5	8.1	0.900		90	0.20	1.4	950				
760429		10.0	5.3	7.7	0.400		200	0.35	1.0	550				0.20
751209			12.3	8.0	0.850	0.000	670	1.50	1.3	933	0.00	0.63	210	0.10
751120			12.4	8.2	1.200		250	0.00	0.3	633				
750917		20.0	7.8	7.3	0.420		1800	0.35	1.8	683				0.30
750821		24.5		7.7	0.340		82000	0.25	0.0	500				
750730		23.5		6.6	0.170		30	1.30	2.7	102				
750619		21.0	5.5	8.0	1.040		1200	0.60	1.2	933				
750520			7.5	8.1	0.400		1800	0.15	2.6	817				
750424		8.0	7.8	7.3	2.600			0.67	1.5	367				
750325		0.5	11.4	8.0	0.230	0.005	2800	0.40	1.6	900	0.00	0.50	165	0.20
750204		4.5	12.0	8.0	0.550		100	0.29	1.9	867				
750107		6.5	9.8	8.3	0.080		70	0.07	1.1	950				
741210		5.0	15.6	8.1	0.670	0.005	3800	0.55	1.3	950	0.01	0.54	200	0.40
741119			9.9	8.4	0.170	0.005	280	0.15	4.9	467				0.50
741010		14.5	8.9	7.7	0.150	0.005	680	0.00	0.1	567				0.20

JHA 01 CAHOKIA CANAL NO 1
NEW ROUTE 3 BRIDGE AT NORTH DUPO --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770830								0.06						14
761108			0.6		0.00								0.4	46
751209	0.000	0.0	0.2	0.000	0.00	0.00	1.0	0.00	0.0	0.00	0.000	0.0	0.3	35
750325	0.000	0.0	0.2	0.000	0.00	0.00	2.1	0.02	0.0	0.00	0.000	0.0	0.4	24
741210	0.000	0.0	0.2	0.000	0.00	0.00	1.1	0.00	0.0	0.00	0.000	0.0	0.3	40

JHA 01 CAHOKIA CANAL NO 1
NEW ROUTE 3 BRIDGE AT NORTH DUPO --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770830		27					2				
761108					0.000			26			
760429		135									150
751209					0.010	0.0					
750917		8									225
750424	17										
750325					0.000	0.0					
741210					0.000	0.0					

JHAAC1 PRAIRIE DU PONT CREEK
ROUTE 163 BRIDGE 4 MI NORTH OF MILLSTADT
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	HBAS (MG/L)
770623		26.5	5.8	7.0	0.930		5800	1.10	1.1	617				
770511		16.5	9.5	7.5	3.500		3400	2.30	8.8	1083				
770407		10.0	0.0	7.3	1.210		260	3.40	7.5	1200	0.00	0.87	450	
770321		5.5	15.0	7.6	1.600			3.60	2.7	1233				
770222		5.5	12.3	6.8	5.000	0.050	3600	3.20	18.0	1283	0.61	1.17	375	
761227		2.0	23.7	7.9	5.500		8100	10.50	0.4					
761108		2.0	11.5	7.8	14.400		58000	9.80	4.5	1408				
760927			4.2	7.5	0.300		200000	14.50	1.7	1100				
760830		24.5	6.7	7.6	11.500		22000	2.30	4.6	1033				
760803		28.0	7.3	7.7	4.000		51000	2.50	2.4	1317				
760526		22.0	8.2	7.8	15.000		45000	16.50	1.3	2950				
760429		12.0	10.8	8.0	2.000	0.000	3800	2.50	1.1	1067	0.30	1.25	260	0.20
760317		4.0	12.6	7.8	0.000		30	0.00	0.0	1017				
751120			9.0	7.9	1.200		150	0.00	0.2	650				
750917		20.0	7.8	7.6	0.130		880	0.10	1.3	583				0.20
750821		24.5		7.6	0.330		25000	0.25	0.0	500				
750730		24.0		7.7	0.100		230	0.05	0.4	650				
750619		21.0	8.3	8.3	0.210		990	0.10	2.4	700				
750520		19.5	7.8	7.9	0.400		19000	0.08	0.7	633				
750424			6.4	7.3	1.180		46000	0.70	1.9	267				
750325		0.5	11.0	8.1	0.190		340	0.00	1.1	483				
750218		5.0	13.7	8.1	0.130		190	0.07	3.2	783				
750107		6.0	10.5	8.2	0.080	0.010	110	0.07	1.1	867	0.00	0.30	165	0.20
741210		5.0	14.2	8.0	0.130	0.005	70	0.00	0.7	483				0.30
741119			10.0	8.3	0.170	0.005	320	0.20	4.1	767				0.70
741010			9.2	7.8	0.160	0.005	1580	0.00	0.1	567	0.00	0.18	70	0.20

JHAAC1 PRAIRIE DU PONT CREEK
ROUTE 163 BRIDGE 4 MI NORTH OF MILLSTADT --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770407		0.0	0.9	0.000	0.00	0.02	0.0	0.01	0.0		0.000	0.0	0.4	40
770222	0.000	0.1	0.8	0.010	0.00	0.00	0.6	0.01	0.0	0.00	0.000	0.2	0.3	46
760429	0.000	0.0	0.4	0.000	0.00		0.6	0.00	0.0	0.00	0.000	0.0	0.0	35
750107	0.000	0.0	0.2	0.000	0.00	0.00	0.4	0.00	0.0	0.00	0.000	0.0	0.2	20
741010	0.000	0.0	0.1	0.000	0.00	0.00	0.8	0.00	0.0	0.00	0.000	0.0	0.2	15

JHAAC1 PRAIRIE DU PONT CREEK
ROUTE 163 BRIDGE 4 MI NORTH OF MILLSTADT --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770407				0.02							
770222				0.00		0.0				560	155
761227									1000		
760429		135		0.00	0.000	0.1					250
750917		0									235
750107					0.000	0.0					
741010					0.000	0.0					

JHAC01 HARDING DITCH CANAL NO 1
STATE STREET BRIDGE NORTHEAST OF HOLTEN STATE PARK
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770623		28.0	4.1	6.9	0.100		460	0.85	0.4	750				
770511		15.5	13.2	7.5	0.050		40	0.25	5.6	1000				
770407		11.0	10.2	7.4	0.250		200	0.55	5.2	1000	0.00	0.68	230	
770321		4.5	13.4	7.4	0.130			0.65	3.0	1167				
770222		7.0	17.0	8.0	0.250	0.000	10	0.60	0.8	1100	0.49	0.50	225	
761227		2.0	39.9	8.5	0.550		0	0.10	0.6	1317				
761108		4.5	5.8	7.3	0.330	0.010	10	0.30	6.5	925	0.06	0.93	100	
760927			1.8	7.7	0.300		1400	0.25	0.4	967				
760830		23.5	2.0	7.1	1.200		700	0.00	0.0	900				
760803		26.0	1.5	6.9	0.820	0.015	1400	1.20	4.9	817	0.17	1.20	150	
760719		30.0	1.1	7.2	25.000		140	0.20	0.0	1100				
760526		23.5	7.8	8.0	0.650		40	0.50	1.1	917	0.07	0.90	200	0.40
760428		11.0	10.3	8.0	0.150		50	0.05	0.0	1000				0.20
751202		4.0		7.7	0.100		340	0.15	0.9	817				
751120			11.7	7.9	1.100	0.010	260	0.00	0.3	633	0.00	0.62	50	0.30
750917		20.0	6.5	7.6	0.460		920	0.50	1.4	883				0.30
750821		24.0		7.5	0.350	0.005	20000	0.30	0.0	500	0.00	1.90	65	0.20
750612		20.5	12.1	7.9	0.360		900	0.58	1.3	967				
750522		20.5	8.0	7.8	0.650	0.005	26000	1.10	1.2	883	0.00	0.18	150	0.20
750422		8.5	10.9	8.8	0.270		250	0.00	0.0	617				
750310			13.6	8.5	0.560		0	0.04	0.1	583				
750204		4.0	12.1	7.9	0.550	0.000	100	0.29	1.7	867	0.00	0.34	123	0.30
750107		5.0	11.4	7.9	0.100		260	0.13	0.9	867				
741219			11.7	7.2	1.400	0.005	110	0.26	1.3	567				0.30
741112		9.5	9.6	7.8	0.460	0.000	2800	0.10	0.8	550	0.06	0.20	100	0.30
741007		20.5	9.0	7.7	0.170	0.005	240	0.00	0.1	817				0.20

JHAC01 HARDING DITCH CANAL NO 1
STATE STREET BRIDGE NORTHEAST OF HOLTEN STATE PARK --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770407		0.0	0.8	0.000	0.00	0.00	1.4	0.00	0.0		0.000	0.0	0.5	47
770222	0.001	0.0	0.4	0.000	0.00	0.00	0.5	0.01	0.0	0.00	0.000	0.2	0.4	80
761108	0.001	0.1	0.4	0.000	0.00	0.02	4.5	0.02	0.0	0.00	0.000	0.1	0.2	14
760803	0.008	0.0	0.6	0.000	0.00	0.04	4.0	0.02	0.0	0.00	0.020	0.0	0.5	63
760526	0.002	0.0	0.3	0.000	0.00	0.00	2.9	0.01	0.0	0.00	0.000	0.0	0.8	70
751120	0.006	0.0	0.5	0.000	0.00	0.00	1.2	0.00	0.0	0.00	0.000	0.0	0.6	45
750821	0.003	0.0	0.1	0.000	0.00	0.00	1.0	0.00	0.0	0.00	0.000	0.0	0.3	11
750522	0.007	0.0	0.3	0.010	0.00	0.00	0.8	0.00	0.0	0.00	0.000	0.0	0.4	32
750204	0.000	0.0	0.3	0.000	0.00	0.00	0.1	0.00	0.0	0.00	0.000	0.0	0.5	37
741112	0.000	0.1	0.2	0.000	0.00	0.00	3.5	0.00	0.0	0.00	0.000	0.1	0.3	19

JHAC01 HARDING DITCH CANAL NO 1
STATE STREET BRIDGE NORTHEAST OF HOLTEN STATE PARK --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770407				0.00							
770222				0.00		0.0				405	200
761108					0.000	0.0		31			
760803				0.04	0.030	0.0					
760526				0.00	0.120	0.0					
760428		55									280
751120					0.010	0.0					
750917		6									250
750821					0.000	2.9					
750522					0.000	0.0					
750204					0.000	0.0					
741112					0.000	0.0					

JN 01 CAHOKIA CANAL
ROUTE 3 CULVERT NEAR NATIONAL CITY
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770829		24.0	7.6	7.6		0.100	11000	1.10	0.4	917			300	
770505		24.5	5.4	7.2	0.300		360	1.10	1.3	767				
770222		10.0	12.6	7.3	1.750	0.005	20	2.00	9.6	567	0.11	0.50	55	
760929			9.5	7.1	0.650	0.005	35000	0.35	6.1	1000	0.19	0.30	125	
760720		31.0	4.4	7.6	0.460		840	0.90	0.3	800				
760624		31.5		7.1	3.500		4300	4.40	8.8	1367	0.27	0.80	250	
760506		20.0	6.0	7.5	0.480		50	0.95	1.1	867				
760429		10.0	9.9	8.3	0.300		90	0.80	1.2	817				0.30
751202		4.5		7.6	0.630		6000	1.90	0.9	767				
751202		3.5		7.6	2.500	0.000	1200	0.15	0.8	817	0.00	0.50	200	0.20
751113			8.3	7.6	4.600		130	7.00	1.9	1067				
751113			8.8	7.9	0.370		230	1.00	0.4	783				
751028		19.0	2.6	7.5	4.000		130	2.30	0.1	583				
750919		21.0	6.1	7.6	0.680		400	0.45	0.6	650				0.30
750903		26.5	5.5	7.2	0.570	0.010	1200	0.25	2.3	683	0.00	0.25	110	0.40
750702		21.5	9.2	8.3	0.070		100	0.00	0.3	950				
750612		21.0	8.1	7.9	0.080	0.005	50	0.04	0.4	700	0.00	0.19	125	0.10
750509		20.0	7.9	7.9	0.300		2100	0.25	1.0	650				
750422		8.5	9.7	8.5	0.100		290	0.00	1.5	683				
750203		4.0	12.8	7.9	0.150		80	1.60	1.3	567				
750116		3.0	12.9	7.8	0.360			1.10	1.1	867				
741205		4.0	11.5	7.8	0.200	0.005	50	1.10	1.2	800	0.00	0.18	120	0.50
741112		9.5	10.7	7.8	0.450	0.000	9000	0.13	0.9	550				0.30
741007		20.5	8.9	7.8	0.160	0.005	400	0.00	0.1	817				0.20

JN 01 CAHOKIA CANAL
ROUTE 3 CULVERT NEAR NATIONAL CITY --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770829								0.04						29
770222	0.003	0.0	0.4	0.000	0.00	0.04	1.5	0.01	0.0	0.00	0.000	0.2	0.2	25
760929	0.002	0.2	0.7	0.000	0.00	0.06	1.7	0.01	0.0	0.00	0.000	0.2	1.6	100
760624	0.000	0.2	1.0	0.010	0.00	0.00	8.6	0.04	0.0	0.00	0.000	0.1	0.7	120
751202	0.000	0.0	0.2	0.000	0.00	0.00	0.3	0.00	0.0	0.00	0.000	0.0	1.1	19
750903	0.000	0.2	0.3	0.000	0.00	0.00	6.2	0.01	0.0	0.00	0.000	0.0	1.6	13
750612	0.000	0.0	0.2	0.000	0.00	0.00	0.4	0.00	0.0	0.00	0.000	0.0	0.4	18
741205	0.000	0.0	0.2	0.000	0.00	0.00	1.3	0.00	0.0	0.00	0.000	0.0	0.9	75

JN 01 CAHOKIA CANAL
ROUTE 3 CULVERT NEAR NATIONAL CITY --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770829		18					2				
770222				0.04	0.030	0.0				210	165
760929				0.06		0.0		40			
760624				0.00		0.2					
760429		145									130
751202					0.010	0.0					
750919		125									
750903					0.010	0.0					
750612					0.000	0.0					
741205					0.000	0.0					

JN 02 CAHOKIA CANAL
SAND PRAIRIE LANE BRIDGE SOUTHEAST HORSESHOE LAKE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770624		28.0	6.7	7.6	0.090		6800	0.35	0.4	1033				
770505		25.5	4.8	7.5	6.600		240	8.00	2.0	1217				
770421		15.5	6.0	7.8	2.000		50	4.20	1.3	1000	0.00	1.08	250	
770315		15.5	9.1	7.4	0.470		1700	0.70	8.7	750				
770224		5.5	10.3	7.2	1.750		30	4.60	6.7	1117				
761209		4.5	9.9	7.6	5.000		0	15.50	3.3					
761109		8.0	5.5	7.2	0.250		50	0.35	9.8	933				
760928			7.4	6.9	2.000		190	5.25	7.1	1433				
760804		26.0	4.9	7.5	0.260		400	0.25	0.1	817				
760720		31.0	2.9	7.4	0.290		1000	0.25	0.0	767				
760608		23.5	7.6	7.6	5.000		120	0.30	0.5	1133				
760506		21.0	8.0	7.7	0.250		400	0.10	0.5	917				
760428		9.0	9.1	8.0	0.290		8600	0.15	1.0	950	0.05	0.42	100	0.20
760309		5.0	10.4	8.1	0.300		3100	0.00	1.0	850				
760210		4.5	13.3	8.0	0.320		450	0.70	0.7	800				0.40
751021		19.5	6.7	7.6	9.600		260	14.50	2.7	1250				
750917		20.5	6.5	7.6	0.220		2000	0.10	0.2	733				0.20
750903		26.5	6.7	7.5	2.400		200	3.20	2.1	950				
750812		26.0	12.3	7.3	0.260		80	0.00	8.6	300				
750702		21.5	9.8	8.5	0.200	0.005	400	0.05	2.4	617	0.00	0.00	85	0.30
750604		24.5	8.0	8.0	0.500		170	0.17	0.1	533				
750508		20.0	8.3	7.6	1.000		24000	0.19	1.5	717				
750409		8.5	9.6	7.4	0.100	0.000	20	0.05	0.9	567	0.00	0.40	105	0.20
750310		4.0	12.8	8.0	0.460		0	1.00	1.8	1133				
750203		3.5	11.9	7.6	0.620		310	0.57	2.0	783				
750116		3.0	12.7	8.0	1.000	0.000	0	1.60	1.6	933	0.00	1.80	210	0.30
741205		4.0	10.9	8.1	0.210	0.005	10	0.18	1.2	650				0.40
741112		9.5	9.7	7.9	0.480	0.000	3800	0.10	0.9	483				0.30
741007		20.0	8.8	7.9	0.170	0.005	240	0.00	0.0	817	0.00	0.40	155	0.20

JN 02 CAHOKIA CANAL
SAND PRAIRIE LANE BRIDGE SOUTHEAST HORSESHOE LAKE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770421		0.1	1.9	0.010	0.00		0.9	0.04	0.0		0.000	0.2	0.4	60
760428	0.000	0.0	0.3	0.000	0.00		1.5	0.01	0.0	0.00	0.000	0.0	0.4	35
750702	0.000	0.0	0.2	0.000	0.00	0.00	0.0	0.00	0.0	0.00	0.000	1.8	0.4	20
750409	0.000	0.0	0.2	0.000	0.00	0.00	1.2	0.00	0.0	0.00	0.000	0.0	0.4	18
750116	0.000	0.0	0.4	0.000	0.00	0.00	2.9	0.00	0.0	0.00	0.000	0.3	0.3	45
741007	0.000	0.0	0.2	0.000	0.00	0.00	0.9	0.00	0.0	0.00	0.000	0.0	0.2	15

JN 02 CAHOKIA CANAL
SAND PRAIRIE LANE BRIDGE SOUTHEAST HORSESHOE LAKE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770421				0.00							
761209									1080	425	150
760428		22		0.00	0.020	0.1					300
760210		18									220
750917		0									275
750702					0.000	0.0					
750409					0.000	0.0					
750116						0.1					
741007					0.000	0.2					

JNA 01 CANTEEN CREEK
SAND PRAIRIE LANE BRIDGE SOUTHEAST HORSESHOE LAKE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770624		26.5	7.6	7.5	0.700		340	3.40	1.2	1183				
770505		24.5	8.0	7.0	3.600	0.007	150	0.30	10.0	983	0.94	0.85	165	
770421		18.9	5.6	7.8	0.150		330	0.55	0.9	950	0.02	1.57	170	
770315		15.5		7.5	0.970			3.05	5.2	1117				
770224		5.5	11.5	7.3	0.300		400	0.70	6.5	717				
761209		2.0	7.9	7.6	0.150		0	0.60	1.0	983				
761109		6.5	9.0	7.6	8.500	0.020	10	19.00	4.8	1358	0.04	0.80	200	
760928			5.2	7.3	0.700	0.005	330	0.25	0.4	792	0.24	0.65	75	
760804		25.5	6.7	7.6	10.000		60	24.50	1.9	1267	0.02	0.01	200	
760720		30.0	0.3	7.3	5.000		3000	20.00	3.8	1267				
760608		23.0	6.8	7.6	0.200		1400	0.35	0.6	800				
760506		20.0	7.0	7.7	3.500		10	5.00	1.0	1117	0.00	0.87	40	
760428		9.5	9.7	8.0	2.500		0	3.20	1.1	1067				0.30
760309		5.5	11.2	8.1	1.150		20	0.45	1.1	1033				
760210		6.5	11.7	8.0	1.750	0.005	10	3.50	0.6	917	0.02	1.25	200	0.40
751202		3.5		7.7	0.670		11000	1.90	0.9	767				
751113			8.0	7.7	0.350		260	0.10	0.2	733				
751021		19.5	4.9	7.7	0.450		21000	0.25	0.0	900				
750917		20.5	6.3	7.4	6.200		0	2.00	12.5	1017				1.00
750903		26.5	6.0	7.3	0.280		600	0.10	0.6	683				
750812		26.0	12.6	7.5	8.200	0.005	580	12.00	5.0	1100	0.00	0.55	240	0.60
750702		21.5	9.3	8.5	0.190		0	0.05	2.9	617				
750604		24.5	6.8	7.8	0.550		620	0.31	0.3	617				
750508		22.0	8.3	7.7	1.250	0.019	6700	0.13	1.1	633	0.00	1.20	110	0.20
750409		8.5	8.8	7.5	0.120		20	0.05	0.9	567				
750310		4.0	12.2	7.9	0.280		300	0.10	1.4	833				
750203		3.5	11.6	7.7	0.370	0.005	890	0.22	1.3	533	0.00	0.40	90	0.10
750116		3.0		7.7	0.500		27300	0.20	1.0	667				
741205		4.0	10.5	8.2	1.900	0.005	10	4.40	1.2	1017				0.50
741112		9.5	10.2	7.8	0.480	0.000	3500	0.10	0.8	550	0.06	0.05	110	0.30
741007		20.0	8.9	7.9	0.160	0.005	270	0.00	0.0	817				0.20

JNA 01 CANTEEN CREEK
SAND PRAIRIE LANE BRIDGE SOUTHEAST HORSESHOE LAKE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770505	0.000	0.2	1.2	0.000	0.00	0.00	2.4	0.01	0.0	0.00	0.000	0.0	0.4	36
770421		0.2	0.6	0.010	0.00		2.4	0.05	0.0		0.000	0.0	0.3	40
761109	0.000	0.0	1.3	0.000	0.00	0.04	0.5	0.01	0.0	0.00	0.000	0.2	1.0	100
760928	0.006	0.6	0.2	0.000	0.00	0.05	4.1	0.01	0.0	0.00	0.000	0.1	0.2	8
760804	0.001	0.0	1.3	0.000	0.00	0.04	0.2	0.00		0.00	0.000	0.1	0.8	100
760506	0.000	0.0	0.8	0.000	0.00	0.00	0.5	0.02	0.0	0.00	0.000	0.2	0.5	70
760210	0.001	0.0	0.5	0.020	0.00	0.00	4.7	0.02	0.1	0.00	0.000	0.6	0.4	55
751812	0.001	0.1	1.0	0.000	0.00	0.00	2.4	0.00	0.0	0.00	0.000	0.1	0.7	100
750508	0.013	0.1	0.2	0.000	0.00	0.00	18.5	0.05	0.0	0.00	0.000	0.1	0.4	19
750203	0.000	0.2	0.2	0.000	0.00	0.00	5.2	0.00	0.0	0.00	0.000	0.0	0.2	18
741112	0.000	0.0	0.2	0.000	0.00	0.00	0.6	0.00	0.0	0.00	0.000	0.1	0.3	19

JNA 01 CANTEEN CREEK
SAND PRAIRIE LANE BRIDGE SOUTHEAST HORSESHOE LAKE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770505				0.00		0.0					
770421				0.00						460	250
761109				0.04	0.000	0.0		7			
760928				0.05		7.0					
760804				0.04	0.035	0.0					

JNA 01 CANTEEN CREEK
SAND PRAIRIE LANE BRIDGE SOUTHEAST HORSESHOE LAKE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
760506				0.00		0.1		0			
760428		17									220
760210		30			0.020	0.0					38
750917		21									92
750812					0.075	0.0					
750508					0.000	0.0					
750203					0.000	0.0					
741112					0.000	0.2					

JNA 02 CANTEEN CREEK
ROUTE 157 BRIDGE AT CASEYVILLE
LAB: MARION DISCHARGE DATA: 05589500 CANTEEN CREEK AT CASEYVILLE, IL
DRAINAGE AREA: 22.6 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770505	2.4	24.5	11.0	7.7	0.100		700	0.40	0.5	1183				
770421	6.7	16.5	3.0	7.5	0.650		290	1.40	2.1	1367	0.00	1.28	160	
770322	5.5	3.5	15.6	7.2	6.200		11000	0.45	5.9	1167				
761209	0.63	5.5	10.9	7.7	4.000		180	5.30	1.8	1100				
761109	0.25	8.0	1.1	7.3	1.130		70	0.15	0.3	1033				
760804	0.05	25.0	5.1	7.2	0.150		11000	0.55	0.4	1250				
760608	2.1	22.0	8.0	7.7	0.250	0.015	3900	0.25	0.2	1083	0.20	1.30	315	
760428	5.6	12.0	13.4	8.2	0.050		550	0.05	0.7	1017				0.20
760211	6.5	5.0	11.1	8.0	0.120		400	0.35	0.6	917				0.20
751202	5.6	4.5		7.8	0.110		1300	0.10	0.9	833				
751113	0.80		8.2	8.2	0.170		500	0.15	0.1	1067				
751113			9.1	8.4	0.140		350	0.15	0.1	1067				
751021	0.82	19.5	9.8	8.3	0.150		250	0.00	0.0	1250				
750917	2.1	20.0	6.5	8.3	0.070		490	0.10	0.1	1217				0.20
750903	2.9	25.0	9.7	8.2	0.050	0.010	40	0.00	0.0	1067	0.00	0.06	300	0.20
750702	1.8	21.0	9.9	8.4	0.190		300	0.10	2.5	617				
750604	7.9	24.5	10.6	8.3	0.050	0.005	910	0.00	0.4	967	0.00	0.10	190	0.10
750508	49	20.0	9.3	7.9	1.900		5100	0.08	1.1	583				
750409	19	8.5	11.6	8.2	0.060		0	0.04	0.8	883				
750310	25	4.0	11.2	8.2	0.080	0.005	870	0.10	1.3	1033	0.00	0.25	140	0.20
750203	33	3.5	12.7	7.6	0.220		620	0.17	1.5	867				
750107	5.7	5.0	11.3	7.8	0.080		250	0.13	0.9	867				
741210	5.1	5.5	11.9	8.3	0.080	0.010	1700	0.10	0.6	917	0.00	0.40	200	0.30
741112	12	9.5	10.2	7.9	0.450	0.000	3000	0.10	0.8	550				0.20
741007	2.1	20.0	9.0	7.5	0.170	0.005	290	0.00	0.0	817				0.20

JNA 02 CANTEEN CREEK
ROUTE 157 BRIDGE AT CASEYVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770421		0.1	1.5	0.000	0.00		1.2	0.04	0.0		0.000	0.0	0.3	240
760608	0.000		0.5	0.010			2.6	0.02	0.0	0.00	0.000	0.4	0.4	45
750903	0.000	0.0	0.2	0.000	0.00	0.00	0.2	0.01	0.0	0.00	0.000	0.0	0.5	20
750604	0.000	0.1	0.2	0.000	0.00	0.00	0.4	0.00	0.0	0.00	0.000	0.0	0.4	22
750310	0.000	0.0	0.2	0.000	0.00	0.00	3.4	0.03	0.0	0.00	0.000	0.0	0.2	70
741210	0.000	0.0	0.2	0.000	0.00	0.00	0.2	0.00	0.0	0.00	0.000	0.0	0.3	23

JNA 02 CANTEEN CREEK
ROUTE 157 BRIDGE AT CASEYVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770421				0.00						325	140
760608				0.04	0.030	0.0					
760428		115									230
760211		14									180
750917		21									290
750903					0.010	0.0					
750604						0.0					
750310					0.000	0.0					
741210					0.000	0.0					

JNF 01 HORSESHOE LAKE
BEND ROAD OFF ROUTE 203 AT ALTON AND SOUTHERN RAILROAD BRIDGE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)
770505		23.5	6.0	6.6	3.400	0.018	110	0.85	9.1	733	0.70	0.25	125	
770224		6.5	11.5	7.3	0.150		90	4.00	5.3	750				
761209		9.5	10.9	7.7	0.400		340	0.85	0.8	817				
761109		6.5	5.4	7.3	4.400	0.030	120	2.00	3.2	1150	0.04	0.87	125	
760720		31.0	3.2	7.6	0.480		190	0.05	0.0	733				
760608		23.0	6.2	7.3	0.650		900	1.90	0.8	767				
760527		19.5	7.2	7.6	0.450	0.010	5700	0.20	0.2	900	0.15	0.70	175	0.20
760506		18.0	9.8	8.0	0.310		20	0.45	1.3	733				
760429		9.5	9.3	7.9	0.200		3300	0.15	0.7	900				0.10
751113		14.0	6.1	7.8	1.100		600	2.10	0.5	700				
751029		19.0		7.5	3.900		380	2.20	0.1	583				
750919		21.0	6.1	7.6	0.920		3400	0.25	0.4	533				0.30
750903		26.5	7.1	7.4	0.410		44000	0.00	0.1	583				
750812		26.0	15.1	7.5	0.210		20	0.10	0.1	700				
750702		21.0	8.5	8.2	0.070		0	0.05	0.3	1350				
750604		24.5	5.7	8.2	0.550		700	0.19	0.1	500				
750509		20.0	7.7	8.2	0.400	0.005	230	0.07	0.1	867	0.00	0.10	55	0.20
750409		8.5	8.9	7.6	0.120		10	0.05	0.9	567				
750310		4.0	13.9	8.2	0.110		10	2.00	1.7	650				
750203		4.0	12.9	7.7	0.160	0.005	30	1.60	1.3	533	0.00	0.07	70	0.30
750116		3.0	12.8	9.1	0.190		10800	1.10	1.1	550				
741205		4.0	15.6	8.6	0.150	0.010		0.05	0.1	633				0.50
741112		9.5	10.5	7.9	0.460	0.000	2300	0.10	1.5	550	0.05	0.18	100	0.30
741007		20.0	8.4	7.9	0.160	0.005	360	0.05	0.1	817				0.20

JNF 01 HORSESHOE LAKE
BEND ROAD OFF ROUTE 203 AT ALTON AND SOUTHERN RAILROAD BRIDGE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SELE-NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770505	0.000	0.2	1.1	0.000	0.00	0.00	3.0	0.02	0.0	0.00	0.000	0.1	0.9	75
761109	0.007	0.0	0.9	0.000	0.00	0.05	2.6	0.03	0.0	0.00	0.000	0.1	1.0	110
760527	0.000	0.2	0.2	0.000	0.00	0.00	2.9	0.03	0.0	0.00	0.000	0.0	0.5	35
750509	0.005	0.0	0.1	0.000	0.00	0.00	3.4	0.03	0.0	0.00	0.000	0.0	1.6	59
750203	0.001	0.2	0.2	0.000	0.00	0.00	1.7	0.01	0.0	0.00	0.000	0.0	0.9	53
741112	0.000	0.1	0.3	0.000	0.00	0.00	4.2	0.00	0.0	0.00	0.000	0.1	0.3	20

JNF 01 HORSESHOE LAKE
BEND ROAD OFF ROUTE 203 AT ALTON AND SOUTHERN RAILROAD BRIDGE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770505				0.00		0.0					
761109				0.05	0.000	0.1					
760527				0.00	0.020	0.0					
760429		120									310
750919		255									
750509					0.000	0.0					
750203					0.000	0.0					
741112					0.000	0.2					

JOAA01 LONG LAKE
0.25 MI WEST OF ROUTE 111 AT PONTOON AVENUE BRIDGE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770624		26.5	4.5	7.7	0.160		2700	0.25	0.1	383				
770505		24.5	5.6	7.5	0.270		20	1.60	0.5	417				
770421		18.0	3.6	7.8	0.400		800	0.70	0.6	367	0.01	0.50	23	
770315		16.5	8.4	7.2	0.260		190	0.25	8.3	417				
770224		6.5	14.1	7.6	0.300		1800	0.20	5.6	467				
761209		3.5	13.7	8.3	0.100	0.000	510	0.10	0.1	467	0.00	0.19	38	
761109			11.1	8.4	0.140		70	0.20	0.5	467				
760928			7.0	8.2	0.700	0.005	2300	0.10	0.4	433	0.33	0.50	25	
760720		29.0	9.0	8.3	0.360		30	0.05	0.0	383				
760608		24.0	8.4	7.9	0.400	0.010	800	0.05	0.0	467	0.20	0.30	25	
760506		18.5	7.7	7.9	0.270		230	0.00	0.0	483				
760428		9.5	8.1	8.1	0.200		460	0.05	0.0	483				0.10
760309		4.5	9.2	8.6	0.200		540		0.0	417				
760210		6.5	15.2	8.2	0.200		0	0.20	0.0	533				0.30
751202		3.5		7.7	0.650	0.000	9000	1.90	0.9	767	0.00	0.80	200	0.20
751113			7.7	8.0	0.190		1000	0.00	0.0	450				
751028		19.0		7.5	4.200		250	2.20	0.2	583				
750917		20.0	9.0	8.1	0.200		400	0.05	0.1	367				0.20
750903		26.5		7.9	0.480	0.005	100	0.55	0.4	467	0.00	0.12	55	0.10
750812		26.0		8.3	0.170		20	0.00	0.0	333				
750702		21.5	8.6	8.1	0.180		300	0.05	0.4	867				
750604		24.5	5.6	7.8	0.150		290	0.31	0.1	450				
750509		20.0	8.2	8.1	0.200		870	0.00	0.0	350				
750409		8.5	10.1	7.6	0.100		0	0.05	0.9	567				
750310		3.5	19.0	9.1	0.140	0.005	10	0.00	0.4	367	0.00	0.05	25	0.20
750203		3.5	12.3	8.0	0.310		380	0.14	0.3	350				
750116		3.0	10.5	7.8	0.430		1390	0.23	0.3	400				
741205		4.0	13.3	8.1	0.150	0.005	60	0.00	0.2	433				0.40
741112		9.5	10.4	8.0	0.480	0.000	4300	0.17	1.1	550				0.30
741007		20.0	8.7	8.1	0.020	0.005	210	0.00	0.3	350				0.20

JOAA01 LONG LAKE
0.25 MI WEST OF ROUTE 111 AT PONTOON AVENUE BRIDGE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770421		0.0	0.4	0.010	0.00		0.3	0.03	0.0		0.000	0.0	0.3	18
761209	0.000	0.1	0.2	0.000	0.00	0.00	0.2	0.04	0.0	0.00	0.000	0.0		22
760928	0.002	0.1	0.3	0.000	0.00	0.05	0.7	0.04	0.0	0.00	0.000	0.1	0.4	18
760608	0.000	0.2	0.2	0.000	0.00	0.00	0.8	0.02	0.0	0.00	0.000	0.0	0.4	15
751202	0.000	0.0	0.4	0.000	0.00	0.00	0.8	0.00	0.0	0.00	0.000	0.0	0.6	19
750903	0.000	0.2	0.2	0.000	0.00	0.00	0.6	0.00	0.0	0.00	0.000	0.0	0.4	73
750310	0.000	0.0	0.1	0.000	0.00	0.00	0.2	0.03	0.0	0.00	0.000	0.0	0.2	11

JOAA01 LONG LAKE
0.25 MI WEST OF ROUTE 111 AT PONTOON AVENUE BRIDGE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHRO-MIUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770421				0.00						130	115
761209				0.00	0.010	0.0					
760928				0.06	0.005	1.3					
760608				0.00	0.025	0.1					
760428		43									180
760210		35									180
751202					0.010	0.0					
750917		12									160
750903					0.010	0.0					
750310					0.000	0.0					

JQ C1 CAHOKIA DIVERSION CANAL
ROUTE 3 BRIDGE 1 MI SOUTH OF HARTFORD
LAB: HARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	HBAS (MG/L)
770616		25.5	20.5	8.3	0.570	0.005	500	0.05	0.0	400	0.02	0.35	20	
770315		16.5	9.0	7.4	0.250		4000	0.75	5.9	667				
760826		29.0	7.4	8.5	0.150		70	0.20	1.0	767				
760602		24.5	5.5	7.6	0.500		7300	0.65	2.9	533				
760510		21.0	11.7	8.2	0.350		20	0.10	1.0	717				
760428		10.0	9.4	8.1	0.400	0.000	350	0.25	0.9	867	0.07	0.60	160	0.20
760310		10.0	11.4	7.9	0.400		950	0.30	0.2	750				
760210		1.5	12.4	7.8	0.500		2400	0.95	0.8	517				0.40
751202		4.0	10.6	7.1	0.170		5000	0.50	0.6	767				
751104		19.5	19.6	8.6	0.740		70	0.05	0.6	967				
751016		19.0	6.5	7.8	0.250		570	0.10	0.0	633				
750917		19.5	7.2	8.0	0.180		750	0.20	0.8	650				0.20
750903		26.5	12.0	7.7	0.090		1500	0.00	0.5	500				
750814		24.0	8.3	7.9	0.280		20	0.00	0.0	750				
750710		22.0	7.7	7.8	0.300	0.005	11000	0.05	0.7	500	0.00	0.25	90	0.20
750612		20.5	7.8	8.1	0.060		60	0.00	0.0	800				
750506		20.0	9.2	8.0	0.220		1000	0.09	1.1					
750403		5.0	9.3	7.9	0.240	0.000	3600	0.14	1.5	783	0.05	0.10	130	0.30
750304		5.0	13.3	7.6	0.160		100	0.30	1.1	810				
750210		0.5	13.3	7.9	0.370		270	0.30	1.8	767				
750116		3.0	13.6	7.9	0.410		17200	0.32	1.4	700				
741203		4.5	14.0	8.2	0.600	0.000	250	0.56	1.4	800				0.20
741112		9.5	10.7	7.9	0.810	0.000	9000	0.40	0.9	550				0.30
741015		14.5	8.9	8.3	0.110	0.010		0.03	0.0	533				0.10

JQ 01 CAHOKIA DIVERSION CANAL
ROUTE 3 BRIDGE 1 MI SOUTH OF HARTFORD —CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SELE-NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770616	0.004	0.0	0.3	0.000	0.00	0.00	0.6	0.03	0.0	0.00	0.000	0.1	0.5	24
760428	0.000	0.0	0.3	0.010	0.00		0.9	0.02	0.0	0.00	0.000	0.1		35
750710	0.002	0.0	0.2	0.000	0.00	0.01	1.1	0.02	0.0	0.00	0.000	0.0	0.5	17
750403	0.000	0.0	0.2	0.000	0.00	0.00	1.7	0.06	0.0	0.00	0.000	0.1	0.8	20

JQ 01 CAHOKIA DIVERSION CANAL
ROUTE 3 BRIDGE 1 MI SOUTH OF HARTFORD --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROH (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770616				0.04	0.010	0.0					
760428		32		0.00	0.000	0.2					210
760210		46									83
750917		16									240
750710					0.000	0.0					
750506			450								
750403					0.000	0.0					

JQ 02 CAHOKIA CREEK
ROUTE 159 BRIDGE 1 MI NORTHWEST OF EDWARDSVILLE
LAB: MARION DISCHARGE DATA: 05587900 CAHOKIA CREEK AT EDWARDSVILLE, IL
DRAINAGE AREA: 212 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	HBAS (MG/L)
770505	17		11.2	7.6	1.300	0.000	310	0.95	3.0	883	0.02	0.55	200	
770426	19	18.0	9.1	8.1	0.100		120	0.40	0.8	867	0.02	0.56	200	
770329	5160	19.0	7.0	6.8	0.970		2900	0.65	5.3	483	0.01	0.68	48	
770224	232	4.5	12.2	7.1	0.450		810	0.95	4.7	550				
761228	2.5	2.0	18.4	8.0	0.200		820	0.10	0.0	817				
761007	1.6	14.0	7.4	7.6	0.100		5600	0.10	0.1					
760916	0.36		6.0	7.9	0.350		900	0.05	0.1	650				
760820	3.5	29.0	14.5	8.1	0.170		340	0.05	0.8	633	0.08	0.70		
760707	2.9	29.0	2.4	7.8	0.150		100	0.15	0.1	700				
760617	3.4	29.0	12.9	8.1	0.250		330	0.00	0.0	767				
760527	5.3	22.0	8.6	7.9	0.350	0.010	340	0.00	0.2	900	0.10	1.67	200	0.20
760428	24	10.0	10.6	8.1	0.050		350	0.05	0.2	933				0.10
760316	63	4.0	13.2	8.0	0.100		150	0.00	0.4	817				
760211	123	3.0	9.9	7.6	0.560	0.007	620	0.60	0.7	517	0.00	0.45	36	0.20
751202	43	4.0		7.6	0.670		7000	1.90	0.9	767				
751118	3.6		9.2	7.6	0.150	0.006	300	0.00	0.2	767	0.00	0.54	110	0.20
751016	2.8	19.0	6.7	7.9	0.220		510	0.00	0.0	650				
750915	8.3	20.0	8.0	7.9	0.080		880	0.10	0.5	617				0.20
750903	6.4	26.5	8.8	8.4	0.100		720	0.00	0.0	617				
750812		26.0	14.0	8.0	0.120	0.008	40	0.00	0.1	633	0.00	0.95	82	0.10
750710	31	23.0	7.4	7.8	0.090		540	0.00	0.4	483				
750603	60	21.5	8.6	8.0	0.200		960	0.10	0.5	717				
750501	219	16.0	10.5	7.7	0.310	0.000	1300	0.12	0.6	733	0.00	0.15	180	0.20
750401	180	5.5	9.4	7.4	0.080		290	0.00	0.6	633				
750304	109	4.0	13.5	7.6	0.160		100	0.30	1.0	817				
750210	85	0.5	12.0	7.9	0.220	0.000	20	0.25	1.3	750	0.00	0.25	160	0.20
750109	222		11.4	7.8	0.460		2000	0.20	1.2	600				
741203	38	4.5	13.1	8.2	0.580	0.000	190	0.35	1.3	833				0.80
741112	178	9.5	9.6	7.8	0.500	0.010	3000	0.10	0.8	550	0.00	0.00	108	0.30
741015	50	15.0	8.5	8.7	0.330	0.000		0.03	0.5	517				0.20

JQ 02 CAHOKIA CREEK
ROUTE 159 BRIDGE 1 MI NORTHWEST OF EDWARDSVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770505	0.000	0.0	0.9	0.000	0.00	0.00	1.0	0.03	0.0	0.00	0.000	0.0	0.5	20
770426		0.0	0.5	0.000	0.00		0.6	0.02	0.0		0.000	0.0	0.4	18
770329		0.2	0.5	0.000	0.00		10.5	0.03	0.0		0.000	0.1	0.3	11
760820							1.0							
760527	0.000	0.1	0.2	0.000	0.00	0.00	2.1	0.01	0.0	0.00	0.000	0.0	0.6	25
760211	0.000	0.0	0.3	0.020	0.00	0.02	5.0	0.02	0.0	0.00	0.040	0.1	0.3	65
751118	0.000	0.0	0.2	0.000	0.00	0.00	1.4	0.01	0.0	0.00	0.000	0.0	0.5	25
750812	0.000	0.1	0.0	0.000	0.00	0.00	0.9	0.00	0.0	0.00	0.000	0.0	0.3	13
750501	0.000	0.1	0.2	0.000	0.00	0.00	5.9	0.01	0.0	0.00	0.000	0.0	0.4	15
750210	0.000	0.0	0.2	0.000	0.00	0.00	1.8	0.00	0.0	0.00	0.000	0.0	0.3	16
741112	0.000	0.0	0.2	0.000	0.00	0.00	0.7	0.00	0.0	0.00	0.000	0.0	0.3	19

JQ 02 CAHOKIA CREEK
ROUTE 159 BRIDGE 1 MI NORTHWEST OF EDWARDSVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770505				0.00	0.010	0.2					
770426				0.00						410	210
770329				0.00						130	44
761007									320		
760820					0.010						
760527				0.00	0.020	0.1					
760428		18									190
760211		35			0.010	0.0					64
751118					0.010	5.5					
750915		19									90
750812					0.000	0.0					
750501					0.000	0.1					
750210					0.000	0.0					
741112					0.000	0.0					

JQ 03 CAHOKIA CREEK
COUNTY ROAD BRIDGE 4 MI NORTHEAST OF PRAIRIETOWN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)
770620		25.5	7.4	7.5	0.120		80	0.15	0.0	567				
770526		24.5	7.0	8.0	0.110		30	0.40	0.2	500				
770418		20.0	8.2	8.0	0.150		0	0.25	1.1	483	0.00	0.35	60	
770315		10.5	10.4	7.9	0.160		240	0.20	0.6	733				
770210		3.5	13.3	7.4	0.540		0	0.60	0.5	933				
761025		8.0	8.8	7.4	0.500		1100	0.10	0.2	317				
760929			7.5	7.4	0.650	0.005	680	0.15	3.3	733	0.25	1.80	55	
760901		26.5	3.1	7.4	0.350		450	0.50	0.2	333				
760809		28.0	3.4	7.8	0.750		800	0.65	0.1	450				
760726		31.0	2.5	7.8	0.450		620	0.45	0.3	833				
760628		30.0	3.6	7.6	1.000		290	0.95	3.2	833	0.10	1.90	150	
760428		13.5	10.4	8.1	0.200		510	0.05	0.8	567				0.10
760329			10.4	8.0	0.050		460	0.00	0.1	800				
751202		3.5	11.7	7.1	0.170		9000	0.50	0.7	650				
751104		20.0	6.5	7.8	0.950		190	0.30	0.9	800				
751007		20.0	6.6	8.2	0.290		70	0.00	0.0	783				
750916		19.5	7.6	7.2	0.080		880	0.20	0.5	650				0.20
750911		22.0		6.9	0.020		0	0.05	0.0	317				
750814		24.0	6.6	7.5	0.130		950	0.05	0.2	700				
750710		20.5	7.5	7.9	0.190		0	0.30	0.5	800				
750612		20.0	8.0	7.7	0.130	0.005	40	0.05	0.3	900	0.00	0.25	210	0.20
750515		16.5	8.6	7.9	0.150		830	0.08	1.5	767				
750422		7.0	10.1	8.5	0.100		230	0.00	1.5	717				
750304		4.0	13.4	7.3	0.180		0	0.30	1.0	800			230	0.20
750210		0.5	12.1	7.2	0.210		210	0.55	1.1	833				
750122			13.4	7.7	0.290		400	0.55	0.9	917				
741203		4.5		8.2	0.580	0.000	280	0.35	1.3	833	0.00	0.33	125	0.80
741112		9.5	11.6	7.8	0.420	0.000	4300	0.10	1.0	533				0.30
741015		15.0	10.7	8.2	0.400	0.005		0.03	1.0	533				0.20

JQ 03 CAHOKIA CREEK
COUNTY ROAD BRIDGE 4 MI NORTHEAST OF PRAIRIETOWN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SELE-NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770418		0.1	0.3	0.000	0.00		0.7	0.05	0.0		0.000	0.0	0.2	19
760929	0.003	0.1	0.5	0.000	0.00	0.06	1.4	0.01	0.1	0.00	0.000	0.1	0.2	30
760628	0.002	0.1	0.5	0.000	0.00	0.00	1.7	0.02	0.0	0.00	0.000	0.0		
750612	0.000	0.0	0.2	0.000	0.00	0.00	0.3	0.00	0.0	0.00	0.000	0.0	0.6	20
750304			0.2		0.00								0.5	15

JQ 03 CAHOKIA CREEK
COUNTY ROAD BRIDGE 4 MI NORTHEAST OF PRAIRIETOWN --CONTINUED

DATE	ARSENIC (UG/L)	BARIUM (UG/L)	BORON (UG/L)	CADMIUM (UG/L)	HEX CHROM-IUM (UG/L)	TRI CHROM-IUM (UG/L)	TOTAL IRON (UG/L)	LEAD (UG/L)	NICKEL (UG/L)	SELE-NIUM (UG/L)	SILVER (UG/L)	ZINC (UG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
741203	0.000	0.0	0.2	0.000	0.00	0.00	0.0	0.01	0.0	0.00	0.000	0.0	0.3	37

JQ 03 CAHOKIA CREEK
COUNTY ROAD BRIDGE 4 MI NORTHEAST OF PRAIRIETOWN --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (UG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770418				0.00						180	135
760929				0.06	0.015	0.0		35			
760628				0.00	0.000	0.0					
760428		20									290
750916		29									
750612				0.00	0.000	0.0					
741203					0.000	0.0					

JQ 04 CAHOKIA CREEK
ROUTE 138 BRIDGE 2 MI SOUTHEAST OF BENLD
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)
770606		23.5	5.4	7.7	0.040		370	0.07	0.1	700				
770509		18.0	8.0	7.7	0.000		380	0.34	0.8	767				
770412		21.5		8.0	0.040	0.005		0.03	0.3	883	0.00	0.70	210	
770412		21.5	11.0				1700							
770317		8.5	9.8	7.6	0.020			0.63	0.7	833	0.01	1.20	250	
770222		4.0		6.7	0.080	0.008		1.60	0.6	683	0.01	1.19	47	
770222		4.0	10.1				30							
761216		0.5	12.4	7.6	0.060		10	0.09	0.4	883				
761122		2.0	9.9	7.6	0.030			0.05	0.0	917				
761018		12.0	7.1	7.5	0.070	0.007	50	0.01	0.0	900	0.00	0.14	290	
760830		21.0	8.3	8.0	0.020		450	0.03	0.1	817				
760706		24.0		7.9	0.000	0.000		0.09	0.0	850	0.00	0.40	240	
760706		24.0	7.6				270							
760601		21.5		7.3	0.570			0.87	2.2	540				
760601		21.5	6.9				18900							
760511		19.0		8.0	0.020			0.02	0.1	1000				
760511		19.0	10.6				892							
760415		23.5	11.1	8.3	0.020	0.005		0.08	0.1	967	0.01	0.50	290	0.10
760323		14.0		7.9	0.030			0.22	0.4	883				
760323		14.0	10.1				20							
760302		18.5		7.9	0.030			0.43	0.5	1033				
760302		18.5	9.3				96							
760202		0.0	10.5	7.6	0.060	0.000		1.50	0.7	1083	0.00	1.34	330	0.40
751217		0.5	12.5	7.6	0.040			1.10	1.0	733				
751217		0.5					370							
751202				7.8	0.070		1300	0.15	0.8	817				
751201		1.0	12.1	7.7	0.270		5900	1.30	0.8	683				
751029		16.0	4.5	8.3	0.030	0.006	50	0.03	0.0	967	0.00	0.20	335	0.20
751006		17.0	6.2	8.2	0.050		450	0.06	0.0	917				
750910		21.5	6.9	8.1	0.020		260	0.02	0.0	933				
750806		21.5	4.4	8.1	0.100	0.000	6600	0.06	0.1	833	0.00	0.46	210	0.20
750618		24.0	7.3	8.0	0.000		1100	0.12	1.5	733				
750508		16.5	7.7	7.5	1.600		31700	1.20	1.5	267				
750416		14.0		7.7	0.480	0.000	40	0.09	0.6	783	0.00	0.40	290	0.20
750324		11.5	9.1	7.7	0.070		150	0.40	0.7	767				
750306		6.5	9.0	7.6	0.320		20	0.73	1.1	750				
750121		2.0	11.2	7.3	0.080	0.000	0	0.20	1.2	750	0.00	0.65	240	0.30
741223		5.0	11.4	7.8	0.300	0.000	290	0.60	0.9	783				0.50
741121		6.0	11.1	7.8	0.000		0	0.60	0.9	933				0.70
741024		14.5	8.2	7.8	0.000	0.000	70	0.00	0.7	950	0.00	0.11	280	0.60

JQ 04 CAHOKIA CREEK
ROUTE 138 BRIDGE 2 MI SOUTHEAST OF BENLO —CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770412	0.000	0.1	0.2	0.000	0.00	0.00	0.5	0.00	0.0	0.00	0.000	0.0	0.5	22
770317			0.4	0.000			2.5		0.0			0.0	0.3	25
770222	0.000	0.0	1.2	0.000	0.00	0.00	13.5	0.00	0.0	0.00	0.000	0.0	0.4	120
761014	0.000	0.1	0.2	0.000	0.00	0.00	0.2	0.00	0.0	0.00	0.000	0.0	0.5	29
760706	0.000	0.1	0.2	0.000	0.00	0.00	0.2	0.01	0.0	0.00	0.000	0.0	0.8	
760415	0.000	0.2	0.3	0.000	0.00	0.00	0.4	0.00	0.0	0.00	0.000	0.0	0.7	28
760202	0.000	0.1	0.4	0.000	0.00	0.00	5.7	0.00	0.0	0.00	0.000	0.1	0.6	72
751029	0.000	0.1	0.3	0.000	0.00	0.00	0.5	0.00	0.0	0.00	0.000	0.0	0.5	22
750806	0.000	0.1	0.1	0.000	0.00	0.00	0.4	0.00	0.0	0.00	0.000	0.0	0.7	15
750416	0.000	0.0	0.1	0.000	0.00	0.00	7.5	0.00	0.0	0.00	0.000	0.1	0.6	18
750121	0.000	0.1	0.2	0.000	0.00	0.00	6.4	0.00	0.0	0.00	0.000	0.1	0.4	17
741024	0.000	0.1	0.4	0.000	0.00	0.00	0.3	0.01	0.0	0.00	0.000	0.0	0.6	23

JQ 04 CAHOKIA CREEK
ROUTE 138 BRIDGE 2 MI SOUTHEAST OF BENLO --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770412					0.000	0.0				424	164
770317										384	110
770222					0.000	0.0				258	38
761014					0.000	0.0					
760706						0.0					
760415					0.000	0.0					
760202					0.000	0.0					
751029					0.000	0.0					
750806					0.000	0.0					
750416					0.000	0.0					
750121					0.000	0.0					
741024				0.00	0.000	0.0					

JQA 01 INDIAN CREEK
ROUTE 143 BRIDGE 3 MI EAST SOUTHEAST OF WOOD RIVER
LAB: MARION DISCHARGE DATA: 05588000 INDIAN CREEK AT WANDA, IL
DRAINAGE AREA: 36.7 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770526	0.30	15.5	8.5	7.6	0.150		200	0.40	6.1	767	0.01	0.22	125	
770505	1.8	24.5	10.0	7.8	0.860	0.000	40	0.20	3.5	717	0.02	0.25	110	
770329	169	18.0	8.9	7.0	0.870		4400	0.35	9.3	217	0.01	0.90	68	
770224	32	5.5	11.9	7.2	0.250		230	0.90	5.5	500				
761228	0.00	1.0	19.1	7.9	0.250		2600	0.15	0.0	817				
761007	0.14	14.5	6.7	7.5	0.450		5800	0.25	0.5	433				
760916	0.00		5.1	7.8	0.200		1100	0.25	0.2	567				
760820	0.05	29.0	8.6	7.3	0.300		910	0.20	1.2	400	0.05			
760707	0.19	29.0	1.3	7.9	0.200		200	0.20	0.5	667				
760617	0.35	30.0	14.1	8.3	0.200		1100	0.05	0.0	650				
760527	0.67	23.5	7.7	7.9	0.400	0.010	620	0.20	0.4	733	0.20	0.75	125	0.20
760428	3.4	11.0	9.7	8.1	0.200		670	0.10	0.9	800				0.20
760318	20	5.0	15.7	8.1	0.150		150	0.00	2.0	717				
760211	18	4.0	11.5	7.9	0.450	0.009	470	0.50	1.0	517	0.02	0.25	80	0.20
751202	18	3.5	7.8	7.5	0.630	0.000	7000	1.90	0.9	767	0.00	0.80	200	0.20
751118	0.48		8.2	7.8	0.190		1600	0.00	0.3	733				
750915	0.90	20.0	9.1	7.9	0.190		2400	0.10	1.1	500				0.20
750903	1.0	26.5	8.7	8.0	0.170		400	0.10	1.2	500				
750814	1.2	24.0	5.3	7.6	0.360	0.010	5800	0.10	1.0	583	0.00	0.35	70	0.20
750710	13	22.0	7.0	7.9	0.900		1500	0.05	2.3	533				
750603	10	21.5	9.2	8.0	0.300		1800	0.17	3.3	617				
750501	25	16.5	9.2	7.8	0.220	0.005	1900	0.10	2.3	600	0.00	0.05	110	0.20
750401	27	5.5	7.8	7.4	0.150		320	0.09	1.8	667				
750304	19	4.0	13.5	7.6	0.200		100	0.30	1.0	820				

JQA 01 INDIAN CREEK
ROUTE 143 BRIDGE 3 MI EAST SOUTHEAST OF WOOD RIVER --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
750210	19	0.5	12.7	7.9	0.280		50	0.12	3.7	750				
750109	26		11.7	7.9	0.400		1300	0.19	1.9	567				
741203	5.9	4.5	12.9	8.2	0.590	0.000	190	0.35	1.4	833				0.80
741112	16	9.5	11.5	7.8	0.460	0.000	10000	0.10	0.8	550	0.00	0.09	115	0.30
741016	3.6	14.5	10.5	8.3	0.130	0.005		0.03	0.0	567				0.10

JQA C1 INDIAN CREEK
ROUTE 143 BRIDGE 3 MI EAST SOUTHEAST OF WOOD RIVER --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770526		0.0	1.1	0.010	0.00		0.6	0.01	0.0		0.000	0.0	0.3	22
770505	0.000	0.0	0.7	0.000	0.00	0.00	0.6	0.01	0.0	0.00	0.000	0.0	0.4	22
770329		0.3	0.5	0.000	0.00		7.5	0.04	0.0		0.000	0.0	0.2	15
760820							2.8							
760527	0.000	0.1	0.1	0.000	0.00	0.00	1.5	0.01	0.0	0.00	0.000	0.0	0.5	25
760211	0.000	0.0	0.3	0.010	0.00	0.02	2.3	0.01	0.0	0.00	0.040	0.0	0.3	38
751202	0.000	0.0	0.4	0.000	0.00	0.00	0.8	0.00	0.0	0.00	0.000	0.0	0.6	38
750814	0.002	0.0	0.2	0.000	0.00	0.00	3.2	0.00	0.0	0.00	0.000	0.0	0.4	15
750501	0.000	0.1	0.2	0.000	0.00	0.00	2.3	0.00	0.0	0.00	0.000	0.0	0.3	17
741112	0.000	0.0	0.3	0.000	0.00	0.00	0.9	0.00	0.0	0.00	0.000	0.0	0.3	19

JQA C1 INDIAN CREEK
ROUTE 143 BRIDGE 3 MI EAST SOUTHEAST OF WOOD RIVER --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770526				0.00						350	215
770505				0.00	0.005	0.0					
770329				0.00						170	75
761007									260		
760527				0.00	0.010	0.2					
760428		22									250
760211		18			0.010	0.0					110
751202					0.010	0.0					
750915		13									160
750814					0.000	0.0					
750501					0.000	0.0					
741112					0.000	0.0					

JR 02 WOOD RIVER
ROUTE 3 BRIDGE AT HILTON ROAD JUNCTION IN ALTON
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)
770908		28.0		7.5		0.005	690	0.85	1.1	733	0.30	1.63		
770829		28.5	8.7	8.2		0.005	0	0.35	0.5	617	0.06	0.18		
770615		25.5	9.9	7.8	0.220		110	0.65	2.4	950	0.39	0.40	225	
770427		22.0	10.6	8.6	0.650	0.009	90	0.40	0.7	883	5.40	0.30	180	
770315		15.5	11.0	7.4	0.200		170	0.40	8.9	750				
770209		6.5	11.3	7.9	0.800	0.022	80	1.10	4.0	1117	0.00	0.60	250	
760922			10.7	7.6	0.900		0	0.25	2.2	933	0.45	0.27		
760819		28.0	8.2	7.9	0.250		750	0.20	0.8	767				
760721		31.5	11.5	7.7	0.350		670	0.55	0.0	850				
760616			11.9	7.8	0.050	0.005	920	0.35	3.1	983	0.17	0.40	350	
760510		20.0	8.6	8.1	0.200		10	0.35	1.6	933	0.08	0.35		0.50

JR 02 WOOD RIVER
ROUTE 3 BRIDGE AT MILTON ROAD JUNCTION IN ALTON --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	MANG-ANESE (MG/L)	SULFATE (SO4) (MG/L)	BBAS (MG/L)
760428		11.0	9.2	8.2	0.350		0	0.25	1.2	900				0.30
760301			8.4	8.6	0.300		0	0.30	0.8	850				
760210		6.0	12.2	8.0	0.560		1200	0.90	0.9	533				0.40
751202		3.5	10.5	7.1	0.190		7000	0.50	0.7	767				
751104		19.5	8.5	8.0	0.520	0.013	40000	0.25	0.9	750	0.05	0.25	185	0.40
751016		19.0	7.7	7.9	0.250	0.008	7500	0.20	1.3	900	0.08	0.32	214	0.40
750916		20.0	8.0	7.4	0.230		3000	0.35	1.3	300				0.40
750903		26.5	6.7	7.9	0.170	0.010	400	0.00	0.9	683	0.06	0.23	155	0.40
750814		24.0	5.1	7.6	0.380		3100	0.20	0.8	583				
750710		22.0	9.7	8.0	0.220		2500	0.30	0.5	583				
750612		20.5	8.3	7.9	0.070	0.005	130	0.02	0.2	750	0.00	0.15	150	0.10
750506		20.0	8.2	8.0	0.290		3100	0.11	0.9	783				
750403		5.0	10.0	6.6	0.080		0	0.54	2.1	903				
750304		4.5	12.5	7.6	0.210		0	0.30	1.1	817			235	0.20
750210		0.5												
750116		3.0		8.2	0.470			0.47	1.1	850				
741203		4.5	13.5	8.1	0.580	0.000	350	0.59	1.4	750	0.00	0.40	85	0.20
741112		9.5	11.0	8.0	0.450	0.000	10000	0.13	1.0	550				0.30
741007		20.0	8.7	8.3	0.300	0.005	250	0.00	0.8	567				0.30

JR 02 WOOD RIVER
ROUTE 3 BRIDGE AT MILTON ROAD JUNCTION IN ALTON --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770908	0.001	0.0	0.5	0.020	0.00	0.00	0.4	0.04	0.0	0.00	0.000	0.2		
770829					0.00	0.00	0.2	0.02	0.0			0.1		
770615	0.001	0.1	0.4	0.040	0.00	0.00	0.3	0.02	0.0	0.00	0.000	0.2	1.7	52
770427	0.000	0.1	1.0	0.000	0.00	0.00	0.2	0.02	0.1	0.00	0.000	0.2	0.7	35
770209	0.004	0.2	0.5	0.000	0.00	0.04	0.8	0.10	0.2	0.00	0.000	0.7		95
760922	0.002	0.2	0.5	0.000	0.00	0.02	0.2	0.02	0.1	0.00	0.000	0.3	2.0	44
760616	0.000	0.0	0.5	0.000	0.00	0.00	0.2	0.02	0.0	0.00	0.000	0.1	2.2	45
760510	0.000	0.0	0.3	0.000	0.00	0.00	0.4	0.01	0.0	0.00	0.000	0.1		
751104	0.000	0.0	0.2	0.000	0.00	0.00	0.5	0.01	0.0	0.00	0.000	0.1	0.7	30
751016	0.000	0.2	0.4	0.000	0.00	0.00	0.2	0.02	0.0	0.00	0.000	0.2	1.1	43
750903	0.000	0.1	0.2	0.000	0.00	0.00	0.2	0.01	0.0	0.00	0.000	0.0	0.4	40
750612	0.000	0.0	0.1	0.000	0.00	0.00	0.3	0.01	0.0	0.00	0.000	0.0	0.3	8
750304			0.2		0.00								0.5	15
741203	0.000	0.0	0.2	0.000	0.00	0.00	0.2	0.00	0.0	0.00	0.000	0.0	0.3	21

JR 02 WOOD RIVER
ROUTE 3 BRIDGE AT MILTON ROAD JUNCTION IN ALTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770908	7			0.00	0.003	0.0	1				
770829		36		0.10	0.017		2				
770615				0.00	0.020	0.0					
770427				0.00	0.000	0.0					
770209		44		0.04	0.010						
760922				0.02	0.005	0.0					
760616				0.00		0.0					
760510				0.00		0.0		11			
760428		30									200
760210		49									110
751104					0.010	0.0					
751016				0.00	0.010	0.0					
750916		56									72
750903					0.010	0.1					
750612					0.000	0.0					
741203					0.000	0.0					

JV 01 PIASA CREEK
ROUTE 100 BRIDGE 5 MI NORTHWEST OF ALTON
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	COPPER (MG/L)	HARD-NESS (MG/L)	SULFATE (SO4) (MG/L)	BBAS (MG/L)
770516		25.5	8.7	7.6	0.100		210	0.30	3.1	750				
770425		16.5	9.2	8.0	0.150		770	0.25	3.6	683	0.00	0.70	110	
770328		15.5	8.3	6.3	2.300		7000	1.20		250	0.06	2.17	19	
761103		8.0	8.5	7.9	0.330		300	0.55	0.8	683				
761006		16.5	9.8	7.8	1.450		9900	0.70	0.3	533				
760915			11.4	7.7	0.150		2000	0.05	0.1	733				
760825		29.0	8.7	7.9	0.400		28000	0.15	0.2	517				
760706		30.0	7.7	7.8	0.050		900	0.10	3.4	617				
760601		25.5	6.4	8.0	0.250		190	0.10	3.1	600				
760428		12.0	10.2	8.0	0.400	0.000	290	0.10	0.9	817	0.13	0.55	120	0.20
760315			11.3	8.0	0.150		150	0.20	0.5	783				
760301			12.2	8.5	0.190		40	0.15	0.6	783				
760210		5.5	11.2	7.9	0.720		2600	1.10	1.0	400				0.30
751202		3.5	10.8	7.1	0.180		6000	0.50	0.7	650				
751104			8.3	8.0	0.950		1000	0.25	0.4	550				
751016		19.5	6.5	7.8	0.380		60	0.15	0.0	882				
750916		19.5	3.1	7.8	0.200		120000	0.15	0.3	500				0.20
750911		22.0		7.1	0.920		450000	0.10	0.5	417				
750818		24.0	7.0	7.6	0.190		2400	0.05	0.3	700				
750710		21.5	7.7	7.8	0.120	0.005	450	0.30	2.3	550	0.00	0.25	65	0.30
750612		20.5		7.9	0.130			0.00	0.0	800				
750506		20.0	9.3	8.0	0.130		300	0.12	0.8	717				
750403		5.0	8.9	6.6	0.090		0	0.55	2.2	903				
750304		4.0	13.6	7.4	0.200		300	0.30	1.0	800				
750210		0.5	12.6	7.8	0.220		40	0.35	1.8	833				
741203		4.5	9.2	8.1	0.590	0.005	240	0.59	1.4	767				0.30
741112		9.5	11.9	7.8	0.450	0.000	13000	0.13	1.0	533				0.30
741007		21.0	8.9	8.2	0.180	0.005	330	0.00	0.7	533	0.00	0.38	80	0.30

JV 01 PIASA CREEK
ROUTE 100 BRIDGE 5 MI NORTHWEST OF ALTON --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770425		0.1	0.9	0.000	0.00		0.6	0.00	0.0		0.000	0.0	0.2	14
770328		0.5	0.7	0.000	0.00	0.05	16.5	0.07	0.1		0.000	0.2	0.2	14
760428	0.000	0.0	0.2	0.000	0.00		0.9	0.01	0.0	0.00	0.000	0.0	0.3	20
750710	0.001	0.1	0.1	0.000	0.00	0.00	1.1	0.00	0.0	0.00	0.000	0.0	0.4	9
741007	0.000	0.0	0.2	0.000	0.00	0.00	0.9	0.00	0.0	0.00	0.000	0.0	0.3	

JV 01 PIASA CREEK
ROUTE 100 BRIDGE 5 MI NORTHWEST OF ALTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	MERCURY (UG/L)	OIL + GREASE (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770425				0.00						390	280
770328				0.05						140	32
760428		19		0.00	0.000	0.2					280
760210		56									72
750916		25									195
750710					0.000	0.0					
741007					0.000	0.2					

N 01 BIG MUDDY RIVER
ROUTE 3 BRIDGE 5 MI SOUTH OF GRAND TOWER
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770609		24.0	8.0	7.6	0.170	0.005	20	0.20	0.1	633	2.4	0.72	0.1	185
770506		18.5	9.4	7.5	0.140		30	0.16	0.0	633				
770412		13.5	8.0	7.1	0.150		30	0.15	0.2	400	1.2	0.40	0.0	110
770310		7.0	9.2	7.2	0.320	0.015	460	0.30	0.5	483	5.5	0.60	0.0	115
770209		0.0	7.3	7.2	0.350		260	1.20	0.3	1233				
770119			15.6	7.3	0.400		300	0.50	0.3	1100				
761203		1.5		8.3	0.250	0.010	230	0.00	0.0	900	2.2	0.55	0.0	175
761112		5.5	8.5	7.4	0.110		30	0.05	0.4	1433				
761007		16.0	9.8	7.5	0.150		30	0.15	0.3	1333				
760910		20.5	8.0	7.5	0.250	0.010	20	0.00	0.0	983	1.9	1.65	0.0	275
760820		25.5	7.5	7.3	0.280		70	0.15	0.2	817				
760708		24.0	5.0	7.0	0.200		800	0.30	0.2	350				
760604		20.0	5.8	7.3	0.300	0.005	1900	0.15	1.2	633	6.2	0.90	0.1	150
760521		20.5	10.5	7.9	0.150		90	0.00	1.9	617				
760407		15.5	7.7	7.4	0.150		160	0.20	1.3	517				
760310		11.5	7.5	7.5	0.200	0.015	80	0.10	0.8	650	1.7	0.35	0.2	240
760210		4.5	13.3	7.6	0.170		200	0.30	0.2	733				
760116		1.0	12.2	7.3	13.600		890	0.45	0.6	717				
751222		2.0	5.5	7.1	0.300	0.003	3000	0.30	0.5	433	3.4	0.55	0.1	150
751124		8.5	10.3	6.9	0.130		30	0.10	0.2	1067				
751006		16.0	11.1	7.4	0.120		250	0.00	0.3	533				
750929		16.0	8.8	7.5	0.150	0.002	280	0.30	0.3	467	1.5	0.70	0.0	90
750805		26.5	6.1	7.5	0.210		1300	0.20	0.2	483				
750715		28.0	6.5	7.3	0.100		80	0.20	0.6					
750619		28.0	11.6	7.7	0.130	0.006	540	0.20	0.6	700	1.4	0.70	0.0	230
750519		20.5	7.2	7.7	0.150		90	0.19	0.3	367				
750421		15.5	8.5	7.4	0.160		510	0.11	0.7	567				
750325		9.5	9.3	7.4	0.200	0.000	70	0.03	0.5	398	2.6	0.15	0.0	115
750219		4.5	12.5	7.6	0.100		240	0.09	0.4	617				
750128		4.5	12.6	7.6	0.120		350	0.10	0.3	583				
741223		5.5	11.1	8.8	0.120	0.000	620	0.19	4.7	733	1.2	0.55	0.0	195
741113		10.0	7.1	7.1	0.250	0.000	660	0.10	0.4	367				
741009		15.0	7.0	7.1	0.170	0.005	500	0.17	0.4	683	0.1			

N 01 BIG MUDDY RIVER
ROUTE 3 BRIDGE 5 MI SOUTH OF GRAND TOWER --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770609	0.000	0.1	0.2	0.000	0.00	0.00	0.13	0.08	0.0	0.1	0.00	0.000	0.2	33
770412		0.0	0.2	0.000	0.00		0.02	0.01		0.1		0.000	0.2	17
770310	0.000	0.0	0.2	0.000	0.00	0.05	0.02	0.00	0.0	0.0	0.00	0.010	0.2	24
761203	0.002	0.2	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.01	0.000	0.3	50
760910	0.001	0.2	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	33
760604	0.000	0.0	0.2	0.000	0.00	0.00	0.02	0.03	0.0	0.0	0.00	0.000	0.2	40
760310	0.000	0.0	0.1	0.010			0.03	0.02	0.0	0.0	0.00	0.000	0.2	23
751222	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.4	0.0	0.00	0.000	0.1	22
750929	0.001	0.0	0.1	0.010	0.00	0.00	0.00	0.01	0.1	0.0	0.00	0.000	0.2	14
750619	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	22
750325	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.01	0.1	0.0	0.00	0.000	0.2	15
741223		0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0		0.000	0.2	30

N 01 BIG MUDDY RIVER
ROUTE 3 BRIDGE 5 MI SOUTH OF GRAND TOWER --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	ABAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770609			0.00	0.000						
770412			0.00					140	52	
770310			0.05	0.005						
761203			0.00	0.005			580			
760910			0.00	0.010						
760604			0.00	0.000		0.20				
760310			0.04	0.020		0.20				
751222			0.00	0.000		0.10				
750929				0.010		0.20				
750715							360			
750619			0.00	0.000		0.30				
750325				0.000		0.10				
741223				0.000		0.30				
741113						0.20				
741009						0.30				

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN
LAB: MARION DISCHARGE DATA: 05599500 BIG MUDDY RIVER AT MURPHYSBORO, IL
DRAINAGE AREA: 2162 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770623	155	26.5	6.7	7.4	0.090		60	0.10	0.0	783				
770518	535	21.0	7.3	7.5	0.100		10	0.10	0.1	667				
770422	863	16.0	5.9	7.6	0.200	0.005	10	0.39	0.2	683	1.4	1.26	0.0	160
770330	12500	12.0	7.3	7.2	0.380		630	0.30	0.3	267	3.0	0.53	0.0	80
770224	494	1.0	10.3	7.4	0.150		70	0.80	1.0	733				
761207	82	0.0	11.7	7.8	0.250		160	0.45	0.5	1167				
761105	185	6.5	7.6	7.5	0.220		150	0.20	0.4	1433	1.6			400
761012	77	15.0	10.3	7.9	0.230	0.005	10	0.00	1.0	967	1.4	0.98	0.0	200
761005	61	20.5	12.1	8.1	0.250	0.005	0	0.05	0.3	1000	1.3	1.18	0.1	110
760914	196	20.5	5.2	7.4	0.350		100	0.35	0.6	700	2.1			300
760902	57	27.0	13.0	8.4	0.150		10	0.05	0.0	1200	0.7			300
760817	329	25.0	8.7	7.3	0.260		2700	0.20	0.2	883	2.6			250
760803	2810	24.5	4.6	7.1	0.500		1200	0.10	0.7	383	9.0			105
760714	536	27.0	8.3	7.3	0.250	0.010	620	0.15	0.5	567	3.5	0.70	0.3	175
760702	*514	24.0	6.2	7.3	0.250	0.000	400	0.25	0.2	600	3.5	0.85	0.1	175
760615	*288	26.0	5.8	7.5	0.150		600	0.20	0.2	800	1.7			350
760602	*2310	20.0	6.2	7.3	0.550		480	0.40	1.4	633	8.3	0.70	0.1	300
760519	*410	19.0	7.5	7.7	0.200		160	0.20	0.4	950	1.6	1.80	0.1	300
760505	*450	16.5	11.3	7.8	0.160		40	0.10	0.3	717	0.7	0.55	0.0	260
760420	*316	21.0	7.2	7.6	0.250		160	0.10	0.3	850	1.8	1.05	0.2	240
760401	*2420	14.5	8.0	7.2	0.300	0.010	1000	0.15	0.4	583	4.9	0.68	0.2	180
760316	*630	10.0	10.6	7.7	0.200		60	0.00	0.4	700	1.2	1.00	0.3	260
760303	*684	15.5	8.7	7.6	0.250		100	0.40	0.3	733	1.9	1.00	1.2	240
760205	547	1.0	13.2	7.5	0.200		10	0.20	0.2	783				
760113	540	8.0	13.2	7.1	0.150	0.000	20	0.30	0.4	800	0.7	0.90	0.1	300
751217	3420	5.5	9.9	7.2	7.600		7300	0.15	0.5	450				
751125	84	5.0	12.3	7.7	0.200		0	0.00	0.2	950				
751002	132	15.5	8.5	7.2	0.140	0.004	510	0.25	4.1	683	1.1	0.65	0.0	200
750908	457	24.0	5.5	6.8	0.190		100	0.20	0.4	483				
750806	508		5.8	7.7	0.220		310	0.20	0.3	500				
750714	708	25.5	6.4	7.0	0.120	0.005	220	0.10	4.7	500	1.6	0.55	0.0	135
750611	872	23.0	5.8	7.4	0.130		3800	0.20	0.5	633				
750501	10800	19.0	6.0	7.1	0.240		200	0.24	0.5	250				
750403	9520	8.5	10.4	8.7	0.200	0.010	340	0.20	15.0	433	3.3	0.10	0.0	70
750306	5820	5.0	11.5	7.2	0.130		30	0.10	0.6	400				
750213	3010	2.0	13.8	8.0	0.140		80	0.10	0.4	467				
750109	3080	6.0	10.5	6.5	0.420		2400	0.21	7.7	450	11.0	0.70	0.0	135
741212	1660	4.0	11.9	7.6	0.150	0.015	540	0.09	0.7	683				
741107	3030	13.0	5.5	8.1	0.250	0.010	870	0.10	0.7	483				
741015	355	15.5	7.0	7.7	0.180	0.005	6100	0.05	0.5	667	2.4	0.62	0.0	190

* Instantaneous discharge.

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770422	C.CC1	0.0	0.3	0.000	0.00	0.00	0.01	0.00	0.0	0.0	0.00	0.000	0.2	38
770330		0.1	0.2	0.000	0.00	0.02	0.01	0.00		0.0		0.000	0.1	10
761012	0.001	0.0	0.2	0.000	0.00	0.04	0.00	0.01	0.0	0.0	0.00	0.000	0.4	42
761005	0.001	0.1	0.2	0.000	0.00	0.05	0.00	0.01	0.0	0.1	0.00	0.000	0.4	46
760714	C.001	0.0	0.3	0.000	0.00	0.02	0.02	0.03	0.1	0.0	0.00	0.000	0.3	20
760702	0.000	0.0	0.2	0.000	0.00	0.00	0.05	0.03	0.0	0.0	0.00	0.000	0.1	25
760602				0.000					0.0					
760519				0.010					0.0					
760505				0.000					0.0					
760420	0.002	0.0	0.1	0.010	0.00	0.00	0.05	0.01	0.1	0.0	0.00	0.000	0.3	45
760401	0.000	0.0	0.1	0.000	0.00	0.00	0.07	0.02	0.0	0.0	0.00	0.000	0.2	25
760316				0.010					0.3					
760303				0.000					0.4					
760113	0.000	0.0	0.2	0.010	0.00	0.03	0.02	0.01	0.0	0.0	0.00	0.000	0.2	28
751002	C.000	0.0	0.3	0.010	0.00	0.00	0.00	0.00	0.1	0.0	0.00	0.000	0.3	27
750714	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	17
750403	C.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.1	0.0	0.00	0.000	0.4	11
750109	0.000	0.0	0.4	0.000	0.00	0.00	0.02	0.01	0.0	0.0	0.00	0.000	0.2	23
741015	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.2	0.0	0.00	0.000	0.2	35

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	ABAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770422				0.000				230	82	
770330			0.02					90	50	
761105		36					920	480	100	0
761012		55	0.04	0.010			540	325	125	0
761005		46	0.05	0.005			580	305		0
760914		100					390	215	36	0
760902		26					840	470	130	0
760817		85					590	340	100	0
760803		330					305	120	28	0
760714		90	0.02	0.020			375	200	60	0
760702		100	0.00	0.000			400	260	64	0
760615		60					530	290	80	0
760602		310							90	0
760519		55							110	0
760505		30							68	0
760420		55	0.00	0.010		0.20			100	0
760401		200	0.00	0.020		0.10			50	0
760316		50						222	75	0
760303		80						457	65	0
760113				0.010		0.20				
751002				0.000		0.30				
750714				0.000		0.50				
750403				0.000		0.60				
750109				0.000		0.40				
741212						0.30				
741107						0.10				
741015				0.000		0.10				

N 04 BIG MUDDY RIVER
ROUTE 148 BRIDGE 4 MI NORTH NORTHWEST OF HERRIN
LAB: MARION DISCHARGE DATA: 05597000 BIG MUDDY RIVER AT PLUMFIELD, IL
DRAINAGE AREA: 794 RATIO: 1.17

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770617	136	26.0	7.7	7.5	0.130		90	0.05	0.1	417				
770525	325	20.5	6.4	7.4	0.110	0.000	140	0.10	0.1	400	0.9	0.42	0.0	75

B 04 BIG MUDDY RIVER
ROUTE 148 BRIDGE 4 MI NORTH NORTHWEST OF HERRIN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770415	756	14.5	8.0	7.6	0.150		10	0.10	0.1	433	1.4	0.70	0.0	82
770302	394	2.0	10.1	7.1	0.100		610	0.35	0.7	883				
770107	44		9.3	7.8	0.400		10	0.30	0.4	600				
761207	47		13.9	7.7	0.350		20	0.30	0.3	500				
761118	46	3.5	11.3	7.6	0.250	0.000	30	0.10	0.2	583	0.4	0.17	0.0	85
761019	52	10.5	9.5	7.6	0.330		70	0.00	0.1	550				
760909	63	23.0	7.3	7.5	0.300		310	0.05	0.3	500				
760827	53	26.0	6.3	7.1	0.100	0.003	50	0.10	0.1	483	1.3	0.57	0.0	70
760721	56	26.0	6.2	7.4	0.200		280	0.10	0.1	467				
760617	241	24.0	11.3	7.1	0.050		1100	0.35	0.3	367				
760526	98	16.5	8.9	7.7	0.200	0.010	270	0.10	0.4	1367	1.2	1.07	0.0	500
760415	262	17.0	9.6	7.5	0.200		20	0.05	1.6	467				
760318	303	9.0	11.1	7.5	0.100		40	0.00	0.1	450				
760206	140	0.5	13.2	7.3	0.150	0.000	150	0.15	0.4	583	0.6	0.50	0.1	125
760106	907	0.5	13.1	7.0	0.190		150	0.65	1.1	383				
751209	350	6.5	9.9	7.3	0.440		440	0.40	0.7	467				
751121	60	7.0	10.2	7.0	0.170	0.007	90	0.05	0.2	400	0.7	1.14	0.0	65
751009	77	16.0	7.6	7.5	0.150		110	0.00	0.3	367				
750923	98	15.5	8.2	7.3	0.130		1400	0.10	0.7	400				
750820	435	25.0	5.7	6.9	0.120	0.005	90	0.25	0.4	300	2.0	0.34	0.0	55
750728	376	26.5	6.5	7.4	0.130		100	0.05	0.2	317				
750617	671	24.0	6.8	7.1	0.150		80	0.08	0.4	317				
750508	2570	18.0	6.3	6.1	0.150	0.000	440	0.16	7.5	317	1.2	0.25	0.0	68
750415	1220	12.0	10.5	7.2	0.090		10	0.04	0.5	367				
750320	2550	8.5	10.9	7.1	0.050		190	0.06	0.5	350				
750225	5830	4.5	11.2	6.6	0.360	0.005	780	0.40	1.0	217	2.9	0.35	0.0	80
750127	1470	3.5	13.5	7.4	0.060		40	0.06	0.3	433				
741213	569	4.0	11.7	7.4	0.130	0.015	220	0.13	0.8	600				
741107	1730	11.5	5.0	6.9	0.250	0.015	350	0.20	2.2	300	2.9	0.70	0.0	80
741010	219	15.0	9.7	7.4	0.130	0.005	230	0.02	0.3	417				

B 04 BIG MUDDY RIVER
ROUTE 148 BRIDGE 4 MI NORTH NORTHWEST OF HERRIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770525	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	31
770415		0.1	0.2	0.000	0.00		0.00	0.05		0.0		0.000	0.2	40
761118	0.002	0.0	0.2	0.000	0.00	0.06	0.06	0.00	0.0	0.0	0.00	0.000	0.2	45
760827	0.000	0.6	0.1	0.000	0.00	0.00	0.03	0.00	0.0	0.0	0.00	0.000	0.3	40
760526	0.000	0.0	0.3	0.000	0.00	0.00	0.02	0.00	0.3	0.0	0.00	0.000	0.5	23
760206	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	75
751121	0.001	0.0	0.1	0.010	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.3	27
750820	0.000	0.0	0.1	0.150	0.00	0.00	0.00	0.02	0.7	0.0	0.00	0.000	0.2	18
750508	0.000	0.0	0.2	0.000	0.00	0.00	0.10	0.01	0.0	0.0	0.00	0.000	0.2	20
750225	0.000	0.0	0.5	0.000	0.00	0.00	0.00	0.00	0.2	0.0	0.00	0.000	0.2	20
741107	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.1	19

B 04 BIG MUDDY RIVER
ROUTE 148 BRIDGE 4 MI NORTH NORTHWEST OF HERRIN --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	ABAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770525			0.00	0.010						
770415			0.00					135	62	
761118			0.06	0.000						
760827			0.00	0.005						
760526			0.00	0.020		0.20				
760206				0.010		0.10				
751121				0.010		0.20				
750820				0.000		0.20				
750508				0.000		0.50				

N 04 BIG MUDDY RIVER
ROUTE 148 BRIDGE 4 MI NORTH NORTHWEST OF HERRIN --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
750225				0.000		0.10				
741213						0.30				
741107				0.002		0.30				
741010						0.30				

N 06 BIG MUDDY RIVER
ROUTE 14 BRIDGE 3 MI WEST OF BENTON
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770623		24.5	5.5	7.0	0.130	0.005	30	0.20	0.2	400	0.6	0.74	0.0	82
770524		19.5	6.8	7.5	0.200		50	0.10	5.0	400				
770427		14.0	9.2	7.7	0.060		60	0.10	0.0	417				
770316		9.0	8.8	7.4	0.270	0.010	1200	0.30	0.2	533	0.7	1.58	0.0	120
770216		0.0	13.1	7.5	0.190		130	0.25	0.2	583				
761215		0.0		7.6	0.150	0.000	160	0.20	0.2	483	0.2	0.34	0.0	102
761123		2.0	12.2	7.6	0.250		40	0.20	0.7	533				
761028		8.0	11.2	7.6	0.180		340	0.15	0.2	517				
760907		22.0	7.2	7.7	0.200	0.002	150	0.15	0.3	467	0.5	0.64	0.0	100
760805		25.0	6.8	7.2	0.300		270	0.05	0.4	450				
760707		25.5	6.7	7.4	0.300		800	0.00	0.2	417				
760611		24.0	7.1	7.5	0.150		120	0.55	0.9	400	0.8	0.67	0.0	90
760518		15.5	8.3	7.4	0.200		590	0.20	0.4	400				
760406		13.5	10.6	7.3	0.100		60	0.10	3.0	383				
760309		11.0	10.5	7.3	0.200	0.000	980	0.00	0.2	350	0.5	0.50	0.0	68
760204		0.0	14.5	7.7	0.220		230	0.20	0.2	375				
760102		4.0		7.1	0.200		2300	0.20	0.4	400				
751201		4.5	10.7	6.7	0.250	0.000	23000	0.15	0.3	383	0.2	0.09	0.0	110
751121		9.0	9.2	7.7	0.570		1800	0.25	0.6	350				
751009		16.5	7.6	7.5	0.310		17000	0.25	0.4	333				
750925		13.5	8.4	7.2	0.200	0.002	220	0.15	0.1	300	0.7	0.28	0.0	60
750820		25.0	6.9	7.0	0.080		40	0.20	0.2	300				
750722		27.0	6.4	6.7	0.110		30	0.05	0.1					
750623		25.0	6.6	6.5	0.090	0.007	60	0.10	3.5	333	0.6	0.26	0.0	62
750528		23.5	3.7	7.4	0.120		60	0.12	0.3	300				
750424		15.5	7.8	7.0	0.190		5000	0.21	1.2	300				
750326		7.0	12.4	6.6	0.080	0.007	40	0.08	5.4	1133	0.9	0.20	0.0	75
750220		4.0	13.9	7.6	0.060		40	0.06	0.3	400				
750129		5.5	13.8	7.8	0.070		60	0.08	0.2	383				
741219		4.0	11.9	7.4	0.200	0.005	6500	0.19	2.3	483	0.8	0.45	0.0	100
741031		17.0	7.4	7.6	0.160	0.000	160	0.11	0.2	400				
741002		15.0	7.2	7.2	0.230	0.005	740	0.12	1.1	450				

N 06 BIG MUDDY RIVER
ROUTE 14 BRIDGE 3 MI WEST OF BENTON --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770623	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	31
770316	0.000	0.1	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	42
761215	0.000	0.1	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	40
760907	0.001	0.0	0.0	0.000	0.00	0.02	0.00	0.00	0.0	0.0	0.00	0.000	0.3	38
760611	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.1	0.0	0.00	0.000	0.2	35
760309	0.000	0.0	0.1	0.000	0.00	0.05	0.02	0.02	0.0	0.0	0.00	0.000	0.2	25
751201	0.009	0.0	0.1	0.000	0.00	0.01	0.00	0.00	0.1	0.0	0.00	0.000	0.4	30
750925	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.1	0.0	0.00	0.000	0.2	23
750623	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	21
750326	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.1	0.0	0.00	0.000	0.2	31
741219		0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0		0.000	0.2	45

06 BIG MUDDY RIVER
ROUTE 14 BRIDGE 3 MI WEST OF BENTON --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	RON (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770623			0.00	0.000						
770316			0.00	0.000						
761215			0.00	0.000						
760907			0.02	0.010						
760611			0.00	0.005						
760309			0.05	0.010		0.30				
751201				0.010		0.20				
750925				0.010		0.20				
750722							200			
750623				0.000		0.30				
750326				0.000		0.40				
741219				0.000		0.20				
741031						0.20				
741002						0.40				

07 BIG MUDDY RIVER
US 51 BRIDGE 2 MI SOUTH OF DESOTO
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100 ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770706		29.5	7.4	7.4	0.130	0.000	120	0.45	0.6	500	3.1	0.53	0.0	140
770607		23.5	8.0	7.7	0.200		30	0.10	0.1	533				
770513		18.0	7.2	7.5	0.150		110	0.20	0.0	550				
770401		12.0	5.8	7.1	0.330	0.003	110	0.10	0.2	225	1.2	0.24	0.0	57
770309		7.0	8.9	7.3	0.180		140	0.20	0.6	483				
770202		0.0	3.9	7.3	0.520		290	2.00	1.0	1100				
761202		0.0	12.9	7.7	0.250		0	0.55	0.3	1000				
761118		3.5	11.8	7.7	0.500		40	0.70	0.4	917				
761005		20.0	7.7	7.6	0.300	0.005	110	0.10	0.5	800	1.9	0.80	0.1	175
760914		20.5	7.0	7.7	0.300		500	0.10	0.5	867				
760803		23.5	4.8	7.0	0.300		610	0.15	0.5	467				
760702		24.0	7.4	7.4	0.100	0.000	490	0.10	0.5	633	3.7	1.05	0.0	200
760602		21.0	7.3	7.4	0.350		980	0.35	0.3	383				
760505		16.0	10.6	7.8	0.180		90	0.05	0.3	675				
760401		14.0	8.3	7.2	0.250	0.015	960	0.10	0.3	483	2.5	0.70	0.1	140
760303		15.5	8.4	7.5	0.300		130	0.35	0.5	650				
760205		1.0	13.1	7.3	0.200		80	0.20	0.2	633				
760113			13.3	6.9	0.190	0.002	70	0.35	0.3	625	0.8	0.85	0.3	220
751217		5.5	10.2	7.4	0.240		3400	0.15	0.3	383				
751125		5.0	12.4	7.6	0.250		130	0.05	0.4	783				
751002		15.0	8.6	7.4	0.250	0.003	340	0.35	2.6	633	1.7	0.58	0.0	180
750908		24.0	6.5	7.4	0.200		260	0.10	0.4	433				
750806		24.5	5.8	7.7	0.230		1200	0.20	0.3	350				
750630		28.5	6.7	6.7	0.200	0.005	300	0.15	4.7	467	1.6	0.50	0.0	115
750611		22.0	6.0	7.2	0.170		70	0.17	0.4	400				
750501		18.5	6.2	6.9	0.200		100	0.17	0.3	250				
750403		9.0	10.0	4.5	0.170	0.000	110	0.12	9.1	283	4.7	0.10	0.0	65
750306		5.0	11.1	7.1	0.110		50	0.09	0.5	367				
750213		2.0	13.8	8.1	0.280		30	0.11	0.3	467				
750109		5.0	10.7	3.6	0.190	0.005	300	0.19	19.2		2.9	0.30	0.0	125
741212		4.0	11.0	7.5	0.090	0.010	530	0.10	0.6	600				
741107		13.0	5.7	7.5	0.210	0.010	440	0.10	0.6	383				
741015		14.5	6.4	6.6	1.000	0.005	3500	0.23	15.2	550	2.7	0.75	0.0	140

N 07 BIG MUDDY RIVER
OS 51 BRIDGE 2 MI SOUTH OF DESOTO --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770706	0.001	0.0	0.5	0.000	0.00	0.05	0.02	0.01	0.0	0.0	0.00	0.000	0.3	30
770401	0.000	0.0	0.3	0.000	0.00	0.04	0.02	0.00	0.0	0.0	0.00	0.000	0.1	12
761005	0.001	0.0	0.2	0.000	0.00	0.06	0.00	0.02	0.0	0.0	0.00	0.000	0.4	40
760702	0.000	0.0	0.2	0.000	0.00	0.00	0.05	0.02	0.0	0.0	0.00	0.000	0.3	30
760401	0.000	0.0	0.1	0.000	0.00	0.00	0.05	0.01	0.0	0.0	0.00	0.000	0.2	20
760113	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.2	28
751002	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.1	0.0	0.00	0.000	0.3	25
750630	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	22
750403	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.4	12
750109	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	1.0	22
741015	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.3	0.0	0.00	0.000	0.3	33

N 07 BIG MUDDY RIVER
OS 51 BRIDGE 2 MI SOUTH OF DESOTO --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770706				0.000						
770401			0.04	0.000				72	31	
761005			0.06	0.005						
760702			0.00	0.000						
760401			0.00	0.000		0.20				
760113				0.010		0.20				
751002				0.000		0.30				
750630						0.30				
750403				0.000		0.50				
750109				0.000		0.80	370		48	
741212						0.20				
741107						0.20				
741015				0.000		0.70				

N 08 BIG MUDDY RIVER
ROUTE 15 BRIDGE 3 MI WEST OF MOUNT VERNON
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770906			3.6	7.4	0.150		270	0.20	0.3	783				
770811		23.5	5.7	7.1	0.250	0.005	10000	0.10	0.6	283	4.8	0.42	0.0	34
770727		25.0	4.6	7.5	0.100		140	0.15	0.2	1233				
770705		27.0	5.0	7.8	0.110		60	0.25	0.2		1.0	1.34	0.0	415
770606		24.0	9.0	7.8	0.120		70	1.10	0.2	1500				
770505		21.5	5.7	7.5	0.100	0.009	130	0.35	0.2		0.9	1.68	0.0	325
770414		20.5	7.9	7.9	0.100		80	0.05	0.0	1067	1.2	0.30	0.0	150
770302		4.0	12.1	7.5	0.100		670	0.20	0.5	750				
770223		3.5	9.2	7.2	0.050		0	0.25	0.5	1033	0.6	0.97	0.0	225
761222		0.5	4.5	7.2	0.450		0	0.05	0.0					
761104		3.5	3.2	7.4	0.220	0.020	40	0.00	0.0	767	2.5	0.91	0.0	100
761006		15.0	4.2	7.3	0.150		200	0.20	0.3	717				
760909		15.5	6.8	6.9	0.700		38000	0.20	0.2	133				
760809		21.5	4.8	7.2	0.200	0.013	380	0.30	0.2	533	3.1	1.25	0.0	100
760708		24.5	4.2	7.4	0.250		200	0.30	0.7	650				
760616		24.0	4.3	7.5	0.150		210	0.25	0.1	1333				
760510		15.0	8.0	7.4	0.100	0.000	110	0.10	0.1		0.8	1.30	0.0	420
760401		12.0	8.5	7.5	0.150		860	0.15	0.1	700				
760324		10.5	9.5	7.4	0.200		40	0.00	0.4	767				
760224		6.5	10.7	7.3	0.650	0.000	390	0.20	0.5	700	2.8	0.30	0.0	200
760126		0.0	13.0	7.5	0.200		530	0.40	1.1	1033				
751203		3.0	8.2	7.3	0.500		13000	0.20	0.8					
751120		14.5	3.2	7.0	0.130	0.010	80	0.00	0.0	1450	0.7	1.97	0.0	88
751009		16.0	3.2	7.3	0.110		40	0.00	0.1	1167				

N 08 BIG MUDDY RIVER
ROUTE 15 BRIDGE 3 MI WEST OF MOUNT VERNON —CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
750910		21.5	3.2	7.0	0.200		10	0.30	0.3	350				
750807		24.5	4.5	7.3	0.140	0.007	10	0.35	0.1	608	0.7	0.26	0.0	260
750707		24.0	4.6	6.8	0.420		12000	0.90	0.9	433				
750618		23.0	6.3	7.7	0.100		140	0.07	0.2	1183				
750513		18.5	8.1	7.4	0.200	0.005	4200	0.27	0.4	533	4.4	0.25	0.0	140
750414		9.5	11.0	7.5	0.080		20	0.30	0.0	1150				
750317		2.0	12.3	7.2	0.080		110	0.08	0.3	583				
750213		0.0	13.2	8.1	0.070	0.000	40	0.11	0.5	1017	0.6	0.65	0.0	225
750127		0.5	13.7	7.7	0.030		20	0.06	0.4	1167				
741204		1.0	12.7	7.9	0.050	0.005	590	0.00	0.2	1233				
741031		18.0	1.1	7.3	0.320	0.020	0	0.00	0.0	1067	1.2	6.00	0.0	215
741003		10.0	8.3	7.3	0.140	0.005	630	0.05	0.2	650				

N 08 BIG MUDDY RIVER
ROUTE 15 BRIDGE 3 MI WEST OF MOUNT VERNON --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770811	0.001	0.1	0.3	0.000	0.00	0.00	0.05	0.01	0.0	0.0	0.00	0.000	0.2	41
770705								0.00	0.0					
770505	0.000	0.1	0.6	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	215
770414	0.000	0.1	0.1	0.000	0.00		0.00	0.00	0.0	0.0	0.00	0.000	0.2	105
770223	0.002	0.0	0.3	0.010	0.00		0.00	0.00	0.0	0.0	0.00	0.000	0.1	125
761104	0.000	0.0	0.1	0.000	0.00	0.02	0.00	0.00	0.0	0.0	0.00	0.000	0.2	145
760809	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	70
760510	0.000	0.0	0.1	0.000	0.00	0.00	0.05	0.00	0.0	0.0	0.00	0.000	0.2	200
760224	0.000	0.0	0.2	0.000	0.00	0.00	0.03	0.01	0.6	0.1	0.00	0.000	0.1	100
751120	0.021	0.1	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	300
750807	0.003	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.4	0.0	0.00	0.000	0.3	42
750513	0.001	0.0	0.2	0.010	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.3	37
750213	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.1	75
741031	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.2	105

N 08 BIG MUDDY RIVER
ROUTE 15 BRIDGE 3 MI WEST OF MOUNT VERNON --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	ABAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770811			0.00	0.000						
770705	27						1210		224	0
770505			0.00	0.010			1020			
770414			0.00					370	110	
770223			0.00					315	65	
761222							1180			
761104			0.02	0.000						
760809			0.00	0.005						
760510			0.00	0.020		0.50	1120			
760224				0.010		0.20				
751203							1020			
751120				0.010		0.40				
750807				0.000		0.20				
750513				0.000		0.20				
750213				0.000		0.20				
741204						0.30				
741031				0.000		0.40				
741003						0.30				

NB 01 KINCAID CREEK
NORTH OF ROUTE 3 AT DAM
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770809		25.5	7.3	8.0	0.060		440	0.05	0.1	217				
770707		29.0	11.1	8.0	0.050		20	0.05	0.0	300				
770609		20.5	7.9	7.4	0.070	0.005	10	0.20	1.1	300	0.6	0.12	0.0	25
770506		18.0	11.3	7.5	1.060		0	0.35	0.3	250				
770412		12.0	10.7	7.5	0.050		0	0.15	0.5	217	0.2	0.08	0.1	30
770310		4.0	12.8	7.6	0.000	0.005	0	0.15	0.1	217	0.1	0.00	0.0	25
770202			10.0	7.6	0.120		0	0.00	0.1	533				
770119			26.1	7.5	0.060		0	0.05	0.1	533				
761202		0.0	14.3	8.0	0.050	0.000	0	0.10	0.1	500	0.4	0.28	0.0	38
761119		5.0	11.2	7.7	0.050		30	0.00	0.2	467				
761005		20.0	9.1	7.8	0.100		660	0.10	0.2	383				
760902		24.5	7.5	7.6	0.050	0.022	240	0.05	0.0	317	1.0	0.12	0.0	20
760803		26.0	10.2	7.3	0.020		30	0.05	0.0	200				
760702		24.5	9.4	7.8	0.050		300	0.15	0.2	217				
760602		21.0	9.6	7.8	0.050	0.015	270	0.35	0.2	200	0.3	0.10	0.0	25
760505		14.5	8.6	7.7	0.160		0	0.30	0.3					
760401		12.0	11.1	7.7	0.050		0	0.10	0.3	200				
760303		15.5	4.0	7.4	0.300	0.005	30	0.55	1.8	367	1.0	1.37	0.1	50
760205		0.0	14.0	7.9	0.000		0	0.00	0.0	217				
760113		9.0	14.6	7.4	0.040		0	0.25	0.6	192				
751217		6.5	12.4	7.4	0.000	0.000	0	0.20	0.0	200	0.2	0.10	0.0	16
751125		5.5	12.0	7.8	0.050		20	0.25	0.0	217				
751002		17.0	10.5	7.8	0.000		10	0.15	0.2	183				
750908		25.5	8.0	6.7	0.050	0.004		0.15	6.3	217	0.3	0.14	0.0	30
750805		30.0	9.4	8.2	0.100		110	0.00	0.0	317				
750714		26.0	8.0	7.8	0.030		60	0.00	0.3	233				
750611		25.0	8.0	7.9	0.040	0.005	20	0.00	0.4	200	0.7	0.05	0.0	35
750501		20.0	9.4	7.5	0.080		60	0.08	0.2	183				
750403		6.5	12.9	6.8	0.050		0	0.02	0.3	183				
750320		6.5	14.3	7.9	0.050	0.000	20	0.00	0.4	200	0.5	0.00	0.0	25
750225		4.5	11.2	7.2	0.220		120	0.10	0.3	158				
750109		7.0	12.4	7.4	0.040			0.03	0.3	183				
741212		7.0	11.5	8.0	0.020	0.005	0	0.13	0.2	217	0.1	0.68	0.0	25
741113		13.5	10.4	7.8	0.080	0.000	0	0.17	0.0	200				
741015		15.0	9.1	7.8	0.030	0.000	110	0.05	0.1	233				

NB 01 KINCAID CREEK
NORTH OF ROUTE 3 AT DAM --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770809	0.001	0.0	0.3	0.010	0.00	0.00	0.02	0.00	0.0	0.0	0.00	0.000	0.2	5
770412		0.0	0.2	0.000	0.00		0.15	0.05		0.7		0.000	0.1	4
770310	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.1	4
761202	0.000	0.0	0.1	0.000	0.00	0.05	0.00	0.00	0.0	0.1	0.00	0.000	0.1	8
760902	0.000	0.0	0.2	0.000	0.00	0.02	0.00	0.00	0.0	0.0	0.00	0.000	0.1	5
760602	0.000	0.0	0.0	0.000	0.00	0.00	0.02	0.00	0.0	0.0	0.00	0.000	0.1	3
760303	0.001	0.0	0.1	0.000	0.00	0.05	0.05	0.00	1.2	0.0	0.00	0.000	0.2	9
751217	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	3
750908	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.1	3
750611	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	4
750320	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	3
741212	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.1	5

NB 01 KINCAID CREEK
NORTH OF ROUTE 3 AT DAM --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770707	0									
770609			0.00	0.000						
770412			0.00					86	66	
770310			0.00	0.005						
761202			0.05	0.010						
760902			0.02	0.005						
760602			0.00	0.010		0.10				
760505		140								
760303				0.010		0.20				
760205		10								
751217				0.020		0.10				
750908				0.010		0.50				
750611				0.000		0.10				
750320				0.000		0.10				
741212				0.000		0.20				
741113						0.10				
741015						0.00				

NC 02 BEAUCOUP CREEK
ROUTE 149 BRIDGE 1.5 MI EAST OF ROUTE 13
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770706		27.0	4.0	7.4	0.120	0.000	490	0.65	0.5	1317	4.8	0.95	0.0	488
770607		22.0	6.6	8.0	0.200		130	0.05	0.0					
770513		15.0	6.2	7.6	0.050		100	0.25	0.5	1217				
770401		11.5	5.7	7.2	0.350	0.005	120	0.10	0.4	200	2.0	0.18	0.0	50
770309		8.0	9.4	7.5	0.200		60	0.15	0.8	767				
761202		0.0	11.4	7.9	0.100		20	0.20	0.6					
761105		5.5	6.8	7.5	0.390		90	0.15	0.3	1192				
761005		19.0	7.7	7.8	0.150	0.003	120	0.00	0.1		1.3	0.80	0.1	1000
760914		20.0	6.0	7.4	0.350		1300	0.15	0.7	650				
760803		23.0	4.6	7.1	0.650		2000	0.15	0.9	433				
760702		23.0	5.0	7.5	0.150	0.005	810	0.20	0.7	1383	3.4	1.65	0.1	615
760602		19.0	6.3	7.3	0.850		7900	0.45	1.3	583				
760505		16.0	16.1	8.3	0.150		60	0.05	0.0	1483				
760401		14.5	8.1	7.3	0.550	0.010	260	0.10	0.5	617	11.2	0.90	0.1	160
760303		16.0	7.4	7.7	0.250		170	0.30	0.4					
760205		0.5	13.1	7.7	0.120		30	0.15	0.4	1433				
760113		8.0	12.2	7.2	0.080	0.003	50	0.35	0.8		0.4	1.15	0.1	850
751217		5.0	9.8	7.3	0.900		20000	0.15	0.7	500				
751201		4.5	10.5	6.6	0.470		8600	0.15	0.6	350				
751125		4.5	11.1	7.9	0.110		0	0.00	0.0					
751002		14.5	8.1	7.4	0.120	0.003	320	0.20	3.7		1.2	0.68	0.0	240
750908		21.0	5.3	7.3	0.220		170	0.15	0.6	1467				
750806		25.0	4.4	7.5	0.400		480	0.30	0.5	767				
750714		24.0	4.6	7.2	0.130	0.005	360	0.20	4.4	1200	2.5	1.03	0.0	485
750611		22.0	5.7	7.7	0.170		450	0.16	0.4					
750501		19.5	5.2	6.9	0.190		170	0.17	0.3	933				
750415		11.5	10.3	7.0	0.190	0.005	60	0.05	3.5	883	2.8	1.60	0.0	365
750306		5.0	10.6	7.3	0.110		40	0.10	0.8	900				
750213		2.0	13.3	8.1	0.080		110	0.20	0.8	1300				
750109		7.0	10.2	6.7	0.860	0.005	3200	0.54	6.9	567	24.0	3.30	0.0	170
741212		4.0	11.4	7.8	0.190	0.015	640	0.10	0.8	917				
741107		11.5	5.1	7.8	0.350	0.015	1500	0.10	1.0	600				
741015		14.5	6.0	7.8	0.250	0.005	8200	0.05	0.3		3.4	1.10	0.0	400

NC 02 BEAUCOUP CREEK
ROUTE 149 BRIDGE 1.5 MI EAST OF ROUTE 13 --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770706	0.002	0.1	0.5	0.000	0.00	0.00	0.04	0.00	0.0	0.0	0.00	0.000	0.4	23
770401	0.001	0.0	0.5	0.000	0.00	0.04	0.06	0.00	0.0	0.0	0.00	0.000	0.2	12
761005	0.001	0.2	0.2	0.010	0.00	0.05	0.00	0.00	0.0	0.0	0.00	0.000	0.3	74
760702	0.001	0.2	0.2	0.010	0.00	0.00	0.05	0.03	0.0	0.0	0.00	0.000	0.4	33
760401	0.000	0.0	0.2	0.010	0.00	0.00	0.07	0.02	0.1	0.0	0.00	0.000	0.2	35
760113	0.000	0.0	0.3	0.020	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.3	37
751002	0.000	0.0	0.4	0.010	0.00	0.00	0.00	0.00	0.0	0.1	0.00	0.000	0.4	39
750714	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.4	23
750415	0.000	0.0	0.3	0.020	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.3	28
750109	0.000	0.2	0.5	0.000	0.00	0.00	0.05	0.02	0.4	0.0	0.00	0.000	0.2	30
741015	0.000	0.0	0.2	0.070	0.00	0.00	0.00	0.00	0.2	0.1	0.00	0.000	0.3	25

NC 02 BEAUCOUP CREEK
ROUTE 149 BRIDGE 1.5 MI EAST OF ROUTE 13 --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770706				0.000						
770607							2900			
770401			0.04	0.000				70	36	
761202							2300			
761005			0.05				1800			
760702			0.00	0.000						
760401			0.00	0.020		0.10				
760303							1000			
760113				0.010		0.20	1280			
751125							1670			
751002				0.000		0.30	1420			
750714				0.000		0.30				
750611							2400			
750415				0.000		0.30				
750109				0.000		0.30				
741212						0.30				
741107						0.20				
741015				0.000		0.10	1400			

NC 03 BEAUCOUP CREEK
ROUTE 13-127 BRIDGE 5 MI NORTH OF VERGENNES
LAB: MARION DISCHARGE DATA: 05599000 BEAUCOUP CREEK NEAR MATTHEWS, IL
DRAINAGE AREA: 292 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100 ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770907	23	24.5	7.2	7.5	0.150		180	0.40	0.4	1100				
770824	24	23.5	6.4	7.7	0.150		180	0.10	0.9	900				
770607	8.8	21.0	5.6	7.8	0.150		90	0.30	0.3					
770504	14	19.5	7.1	7.7	0.100		120	0.15	0.1					
770409	957	14.5	7.1	7.4	0.420	0.006	1100	0.20	0.2	417	0.0	0.44	0.0	130
770301	586	3.5	11.6	7.4	0.350		500	0.25	1.0	683				
770216	113	0.0	11.4	7.4	0.220	0.007	220	0.35	1.8	850	2.0	0.60	0.0	275
761215	15		18.8	7.7	0.200		20	0.50	0.9					
761103	29	6.5	7.1	7.4	0.500		100	0.15	0.6	1367				
761014	3.3	14.0	6.5	7.7	0.110	0.010	140	0.10	0.2	2783	0.8	0.62	0.0	1040
760915	6.5	21.5	5.9	7.4	0.200		800	0.20	0.5	867	2.3			360
760825	3.7	27.0	6.7	7.7	0.100		100	0.15	0.0	2817	1.0			1300
760812	6.8	21.5	6.1	7.7	0.100		190	0.05	0.3	2333	1.8			1280
760729	*193	23.5	6.9	7.7	0.300	0.005	4500	0.35	1.0	533	6.5	0.51	0.0	50
760715	*8.2	25.5	5.3	7.7	0.100	0.005	240	0.10	0.2	2250	1.2	1.65	0.0	1400
760623	*10	22.0	8.3	7.8	0.150		200	0.05	0.2		1.1	1.25		1250
760610	*41	22.0	6.2	7.6	0.100		460	0.25	0.8	1317	2.4	0.95	0.0	1000
760520	*11	19.0	8.0	7.7	0.050		120	0.00	0.1		1.2	1.40	0.0	1130
760415	*18	17.0	9.8	8.0	0.150	0.005	40	0.00	0.2	1667	1.2	1.10	0.0	940

* Instantaneous discharge.

BC 03 BEAUCOUP CREEK
ROUTE 13-127 BRIDGE 5 MI NORTH OF VERGENNES --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
760329	*112	10.5	8.8	7.5	0.150		150	0.00	0.2	1283	1.4	0.80	0.0	460
760311	*83	9.0	9.6	7.7	0.050	0.006	380	0.35	0.3	1117	2.5	0.65	0.0	400
760205	27		13.1	7.6	0.340		20	0.20	0.5					
760114	69	0.0	12.5	7.3	0.500	0.005	150	0.40	0.7	483	0.8	0.27	0.0	120
751204	57		9.2	7.4	0.420		2300	0.20	1.0	1017				
751125	14	10.5	10.5	7.6	0.100		60	0.10	0.1					
751001	9.6	13.5	8.3	7.8	0.080	0.003	370	0.05	0.4		0.8	0.45	0.0	1150
750908	21	25.5	5.4	7.5	0.170		300	0.15	0.6	1300				
750806	11	23.5	5.6	7.9	0.140		110	0.10	0.3					
750702	30	25.5	5.9	7.9	0.110		0	0.05	0.5					
750611	42	23.5	6.5	7.9	0.050		300	0.07	0.3					
750501	980	17.0	7.5	7.2	0.440		12000	0.26	0.4	667				
750403	222	8.0	9.9	7.4	0.100	0.007	270	0.06	0.4	1100	3.8	0.50	0.0	475
750313	3710	1.0	12.4	7.3	0.210		980	0.20	0.6	283				
750204	1700	4.5	11.0	7.2	0.200		420	0.13	1.0	467				
750109	685	2.0	10.6	7.2	0.560	0.005	3300	0.35	0.8	700	14.0	0.70	0.0	225
741205	40	1.5	12.0	8.0	0.130	0.000	60	0.05	0.2	1367				
741030	9.0	13.0	9.1	7.3	0.080	0.005	80	0.00	0.4					
741002	38	12.0	8.0	7.0	0.270	0.005	2000	0.12	0.4	817	3.5	0.24	0.0	245

BC 03 BEAUCOUP CREEK
ROUTE 13-127 BRIDGE 5 MI NORTH OF VERGENNES --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770404	0.001	0.0	0.5	0.000	0.00	0.00	0.05	0.00	0.0	0.0	0.00	0.000	0.2	15
770216	0.001	0.0	0.2	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	32
761014	0.000	0.1	0.2	0.000	0.00	0.04	0.00	0.01	0.0	0.1	0.00	0.000	0.3	20
760729	0.001	0.0	0.2	0.001	0.00	0.04	0.05	0.01	0.0	0.0	0.00	0.000	0.4	25
760715	0.000	0.1	0.4	0.030	0.00	0.02	0.07	0.01	0.0	0.0	0.00	0.000	0.4	38
760623									0.1					
760610				0.000					0.0					
760520				0.000					0.0					
760415	0.000	0.0	0.1	0.000	0.00	0.00	0.03	0.00	0.1	0.0	0.00	0.000	0.2	80
760329				0.020					0.0					
760311				0.010					0.7					
760114	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.8	0.0	0.00	0.000	0.2	27
751001	0.000	0.0	0.3	0.030	0.00	0.00	0.00	0.01	0.0	0.1	0.00	0.000	0.4	26
750403	0.000	0.0	0.1	0.010	0.00	0.00	0.00	0.02	0.1	0.0	0.00	0.000	0.7	21
750109	0.000	0.0	0.2	0.000	0.00	0.00	0.02	0.01	0.0	0.0	0.00	0.000	0.2	35
741002	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.2	55

BC 03 BEAUCOUP CREEK
ROUTE 13-127 BRIDGE 5 MI NORTH OF VERGENNES --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770607							1820			
770504							1960			
770404			0.00	0.000						
770216			0.00	0.005						
761215							1850			
761014		30	0.04				2290	1220	170	0
760915		70					530		60	0
760825		32					2630	1500	180	0
760812		49					2310	1230	150	0
760729		260	0.04	0.005			344	210	16	0
760715		50	0.02				2340	1100	170	0
760623		44					2090	1200	180	0
760610	34	85							120	0
760520		50					2170		210	0
760415			0.00	0.010		0.20			170	0

* Instantaneous discharge.

MC 03 BEAUCOUP CREEK
ROUTE 13-127 BRIDGE 5 MI NORTH OF VERGENNES --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	NOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
760329	32	55						582	120	0
760311	45	95		0.000				420	230	0
760205							1100			
760114				0.010		0.30				
751125							1630			
751001				0.010		0.20	2220			
750806							2040			
750611							2220			
750403				0.000		0.20				
750109				0.000						
741205						0.50				
741030						0.20	2970			
741002				0.000		0.30				

MC 05 BEAUCOUP CREEK
ROUTE 154 BRIDGE AT EAST EDGE OF PINCKNEYVILLE
LAB: MARION DISCHARGE DATA: 05599000 BEAUCOUP CREEK NEAR MATTHEWS, IL
DRAINAGE AREA: 292 RATIO: 0.79

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770607	6.9	22.0	3.5	7.7	1.360		360	3.30	0.6	817				
770508	11	20.0	5.1	7.6	0.880	0.007	530	1.70	0.4	1067	0.8	1.05	0.0	300
770409	756	15.0	7.8	7.4	0.430		1200	0.15	0.2	367				
770301	462	4.0	12.3	7.4	0.350		370	0.30	1.0	433				
770216	89		12.4	7.3	0.320		150	0.45	2.1	533				
761215	11	1.5	14.3	7.6	1.450		0	2.70	0.3	783				
761103	22	6.5	7.4	7.3	0.500	0.010	400	0.15	0.7	600	6.0	0.50	0.0	100
761014	2.6	14.5	8.0	7.4	1.480		100	0.35	2.0	600				
760902	2.2	21.0	4.2	7.6	2.500		470	1.40	2.4	833				
760805	19	23.0	7.1	7.0	0.800		1000	0.50	1.1	350				
760701	6.9	23.0	4.4	7.5	0.850		12000	0.70	0.7	1133				
760607	57	21.0	8.0	7.5	0.250		480	0.45	0.5	800				
760505	7.6	11.5	10.2	7.8	0.700	0.000	210	0.30	0.3		0.9	1.00	0.0	400
760408	29	15.5	10.5	8.0	0.200		180	0.05	0.0	1100				
760311	60	9.0	10.6	7.5	0.250		590	0.00	0.3	883				
760204	23		13.8	7.6	0.160	0.002	70	0.10	0.5	1183	0.6	0.40	0.0	360
760114	58	0.5	13.5	7.5	0.340		120	0.35	0.9	1100				
751204	45	3.5	10.5	7.2	0.400		2300	0.15	1.2	750				
751105	13	15.5	4.1	7.4	2.500	0.013	330	0.80	0.8	567	0.6	0.88	0.0	92
751002	76	14.5	6.2	6.9	0.680		67000	0.40	0.6	367				
750904	16	26.0	6.1	7.3	0.410		1500	0.15	0.8	350				
750806	8.6	23.5	3.6	7.4	1.600	0.005	20000	0.50	1.1	533	1.2	0.83	0.0	115
750702	23	25.0	6.2	7.5	1.120		2400	0.50	1.8	333				
750611	33	24.0	5.7	7.6	0.760		9600	0.73	0.5	817				
750501	774	18.0	7.2	7.1	0.660	0.005	9000	0.35	0.4	483	20.1	1.10	0.1	140
750401	1500	8.5	11.1	7.4	0.180		2500	0.10	0.4	800				
750312	1090	2.0	12.8	6.8	0.270		850	0.20	0.5	250				
750204	1340	5.0	13.0	7.3	0.170	0.005	880	0.12	1.0	567	2.3	0.24	0.0	165
750106	143	2.0	12.5	7.5	0.210		3000	0.15	0.9	600				
741205	31	2.0	12.6	8.2	0.180	0.000	430	0.10	0.3	1217				
741031	7.1	15.0	0.7	7.0	2.800	0.030	400000	3.50	0.1	650	0.3	1.45	0.0	120
741002	30	11.5	7.8	7.2	0.340	0.005	79000	0.42	0.9	467				

MC 05 BEAUCOUP CREEK
ROUTE 154 BRIDGE AT EAST EDGE OF PINCKNEYVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SELE-NIUM (MG/L)	SILVER (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770504	0.000	0.1	0.8	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	64
761103	0.001	0.1	0.3	0.000	0.00	0.02	0.00	0.01	0.0	0.0	0.00	0.000	0.2	55

NC 05 BEAUCOUP CREEK
ROUTE 154 BRIDGE AT EAST EDGE OF PINCKNEYVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-NIUM (MG/L)	SILVER (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
760505	0.001	0.0	0.2	0.010	0.00	0.00	0.05	0.00	0.2	0.0	0.00	0.000	0.3	180
760204	0.002	0.0	0.2	0.020	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.2	150
751105	0.000	0.0	0.2	0.020	0.00	0.00	0.00	0.03	0.0	0.0	0.00	0.000	0.4	35
750806	0.002	0.0	0.4	0.010	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.5	28
750501	0.000	0.2	0.1	0.010	0.00	0.02	0.02	0.03	0.1	0.0	0.00	0.000	0.2	25
750204	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	23
741031	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.4	35

NC 05 BEAUCOUP CREEK
ROUTE 154 BRIDGE AT EAST EDGE OF PINCKNEYVILLE --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770504			0.00	0.005						
761103			0.02	0.000						
760505			0.00	0.020		0.30	1000			
760204				0.020		0.20				
751105				0.000		0.30				
750806				0.000		0.30				
750501				0.000		0.20				
750204				0.000		0.10				
741205						0.50				
741031				0.000		1.00				
741002						0.30				

NCB 01 RATTLESNAKE CREEK
ROUTE 4 BRIDGE 1 MI NORTH OF ORAVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770706		28.0	3.8	7.2	0.300		1500	0.30	0.3	350				
770607		19.5	3.8	7.9	0.120	0.000	1700	0.20	0.0	550	1.7	1.14	0.0	75
770513		15.5	7.7	7.6	0.050		80	0.10	0.0	517				
770401		9.5	9.3	7.4			180	0.05	0.1	383	0.8	0.50	0.0	70
770309		8.0	9.6	7.7	0.100	0.010	30	0.15	0.3	450	1.0	0.35	0.0	97
770106			7.9	7.3	0.070		0	0.05	0.1	667				
761202		0.5	0.3	7.6	0.300	0.015	60	0.00	0.1	650	2.4	2.08	0.0	88
761105		5.5	2.5	7.4	0.160		390	0.10	1.0	475				
761005		19.0	2.8	7.5	0.350		0	0.20	0.2	633				
760902		24.5	4.3	7.6	0.080	0.020	140	0.05	0.0	567	1.1	1.92	0.0	50
760803		21.0	6.2	7.2	0.200		1200	0.10	0.3	367				
760702		21.5	4.5	7.4	0.150		1700	0.20	0.4	417				
760602		19.0	4.5	7.4	0.300	0.020	12000	0.45	0.5	483	3.2	0.62	0.0	75
760505		13.5	9.7	8.0	0.100		80	0.10	0.2	558				
760401		10.0	10.7	7.5	0.050		650	0.10	0.1	383				
760303		17.0	7.5	7.6	0.100	0.000	200	0.25	0.4	533	1.3	0.63	0.0	100
760205		3.0	13.5	7.7	0.050		0	0.00	0.0	567				
760113		6.0	13.5	6.9	0.070		40	0.20	0.0	500				
751217		3.0	12.5	7.5	0.100	0.000	680	0.00	0.2	350	1.9	0.47	0.1	46
751125		4.0	11.2	7.8	0.070		70	0.00	0.0	517				
751002		14.0	7.3	7.5	0.420		510	0.15	0.2	433				
750908		25.5	6.4	7.4	0.100	0.004	270	0.15	0.2	400	1.5	1.12	0.0	52
750806		26.0	11.8	8.2	0.110		260	0.10	0.0	567				
750714		26.5	10.7	8.0	0.100		480	0.05	4.0	433				
750611		23.0	6.8	7.3	0.090	0.005	680	0.07	4.5	550	1.6	0.55	0.0	75
750501		17.0	8.3	7.3	0.270		17000	0.16	0.3	300				
750403		8.0	12.3	7.4	0.080		30	0.02	0.2	367				
750320		8.5	11.6	7.1	0.050	0.000	180	0.08	3.2	283	2.0	0.35	0.0	65
750225		3.0	12.2	7.3	0.100		70	0.07	0.4	283				
750109		6.0	10.9	7.3	0.290		1700	0.20	0.4	250				

NCB 01 RATTLESNAKE CREEK
ROUTE 4 BRIDGE 1 MI NORTH OF ORAVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
741212		4.0	11.7	7.9	0.090	0.010	250	0.00	0.2	417	0.8	0.25	0.0	90
741118		8.0	9.5	7.8	0.060	0.005	50	0.05	0.2	500				
741015		12.0	3.9	7.4	0.410		3400	0.05	0.0	650				

NCB 01 RATTLESNAKE CREEK
ROUTE 4 BRIDGE 1 MI NORTH OF ORAVILLE —CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770607	0.003	0.1	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	9
770401		0.0	0.2	0.000	0.00	0.02	0.00	0.00		0.0		0.000	0.1	8
770309	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.2	0.0	0.00	0.000	0.1	11
761202	0.002	0.0	0.2	0.000	0.00	0.05	0.00	0.00	0.0	0.0	0.00	0.000	0.2	13
760902	0.001	0.1	0.1	0.000	0.00	0.02	0.00	0.01	0.0	0.0	0.00	0.000	0.1	10
760602	0.000	0.0	0.2	0.000	0.00	0.00	0.03	0.01	0.0	0.0	0.00	0.000	0.2	13
760303	0.000	0.0	0.0	0.000	0.00	0.07	0.05	0.00	0.0	0.0	0.00	0.000	0.2	9
751217	0.000	0.0	0.2	0.000	0.00	0.00	0.05	0.02	0.0	0.0	0.00	0.000	0.2	7
750908	0.001	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	7
750611	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	9
750320	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	5
741212	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.1	10

NCB 01 RATTLESNAKE CREEK
ROUTE 4 BRIDGE 1 MI NORTH OF ORAVILLE --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770607			0.00	0.000						
770401			0.02					155	96	
770309			0.00	0.010						
761202			0.05	0.020						
760902			0.02	0.005						
760602			0.00	0.010		0.20				
760303				0.010		0.10				
751217				0.020		0.10				
750908				0.005		0.10				
750611				0.000		0.30				
750320				0.000		0.20				
741212				0.000		0.20				
741118						0.20				
741015						0.20				

NCB 01 GALUSHA CREEK
COUNTY ROAD BRIDGE 6 MI NORTH OF ORAVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770706		26.5	8.8	7.7	0.140	0.000	560	0.40	0.2		4.4	1.70	0.0	1310
770607		20.5	5.6	8.1	0.220		110	0.15	0.1					
770513		14.0	7.5	8.0	0.050		490	0.15	0.2					
770401		10.5	5.7	7.2	0.250	0.006	110	0.15	0.3	500	1.4	0.35	0.0	145
770309		8.0	9.7	7.5	0.150		110	0.15	0.8	1100				
770202			5.6	7.6	0.000		0	1.10	1.2	4500				
770106				7.5	0.070	0.000	20	0.10	0.0	3500	0.2	0.20	0.0	2000
761202		0.0	7.9	7.9	0.100		40	0.00	0.0					

NCD 01 GALUN CREEK
COUNTY ROAD BRIDGE 6 MI NORTH OF ORAVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
761105		5.0	7.5	7.5	0.180		60	0.10	0.0	1350	2.3			300
761012		12.0	7.5	7.8	0.150	0.005	140	0.00	0.0	2100	0.9	0.83	0.1	700
761005		18.0	5.5	7.7	0.150	0.005	200	0.00	0.0		0.9	0.91	0.1	1200
760914		18.0	6.2	7.6	0.250		500	0.25	0.6	1117	1.5			500
760902		21.0	6.3	8.0	1.000		470	0.05	0.0	3850	1.0			1500
760817		22.0	8.6	8.0	0.230		290	0.10	0.6	4350	2.1			2000
760803		21.0	6.6	7.1	0.300		1700	0.15	1.0	867	5.0			300
760714		24.5	8.4	7.5	0.250	0.015	5500	0.15	0.7	1633	4.5	0.90	0.0	650
760702		21.5	5.6	7.8	0.250	0.005	500	0.15	0.4	3067	2.5	1.00	0.1	1500
760615		23.5	4.1	7.7	0.100		1700	0.10	0.0	2833	2.0			1000
760602		19.5	6.3	7.0	0.650		10000	0.50	1.7	467	7.5	0.70	0.0	145
760519		14.5	6.8	8.0	0.100		120	0.35	0.2		1.0	1.50	0.1	3500
760505		13.5	10.2	8.1	0.120		110	0.10	0.2		0.8	0.70	0.1	1450
760420		19.0	6.1	7.8	0.250	0.010	410	0.25	0.4		2.3	1.55	0.3	1000
760401		14.0	9.3	7.3	0.300	0.015	1100	0.20	0.5	1017	2.4	0.53	0.1	260
760316		9.0	13.0	8.2	0.100		160	0.00	0.6		0.8	0.62	0.1	750
760303		16.5	8.6	8.1	0.200		260	0.25	0.3		1.5	0.80	0.1	920
760205		0.0	14.2	8.0	0.120		20	0.10	0.7					
760113		5.5	13.2	7.3	0.110	0.003	60	0.60	1.3		0.3	0.70	0.1	1260
751217		3.5	11.4	7.4	0.360		7800	0.15	0.7	517				
751125		3.5	12.0	8.2	0.130		1100	0.00	0.9					
751002		14.0	8.8	7.7	0.150	0.003	830	0.25	0.4		1.5	0.62	0.0	1400
750908		20.5	7.3	8.0	0.140		290	0.15	2.0					
750806		23.0	5.8	7.9	0.210		1300	0.20	0.8					
750714		20.5	7.4	8.0	0.110	0.005	360	0.10	4.7	88	1.6	0.52	0.0	2200
750611		21.0	7.0	8.1	0.150		700	0.10	1.7					
750501			6.4	7.1	0.610		13000	0.47	0.6	267				
750403		10.0	10.8	6.7	0.140	0.010	200	0.20	15.0		2.5	0.50	0.0	575
750320		9.0	9.9	7.5	0.150		510	1.50	1.1	683				
750224		3.0	11.6	7.1	0.360		760	0.30	1.1	267				
750109		7.0	9.8	7.0	0.730	0.000	5600	0.57	5.3	533	15.0	0.80	0.0	185
741212		4.0	11.5	7.9	0.190	0.015	630	0.10	1.4	1117				
741118		7.0	9.8	7.8	0.350	0.005	340	0.20	1.1					
741015		14.0	5.4	8.1	0.200	0.005	1600	0.03	0.7		1.7	0.48	0.0	2200

NCD 01 GALUN CREEK
COUNTY ROAD BRIDGE 6 MI NORTH OF ORAVILLE —CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770706	0.002	0.1	0.7	0.020	0.00	0.00	0.03	0.00	0.0	0.0	0.00	0.000	0.6	35
770401	0.001	0.0	0.3	0.000	0.00	0.04	0.06	0.00	0.0	0.0	0.00	0.000	0.2	14
770106	0.001	0.5	0.5	0.010	0.00	0.04	0.01	0.00	0.0	0.1	0.00	0.000	0.4	18
761012	0.001	0.1	0.3	0.000	0.00	0.04	0.03	0.01	0.0	0.0	0.00	0.000	0.4	22
761005	0.000	0.1	0.5	0.010	0.00	0.05	0.00	0.00	0.0	0.1	0.00	0.000	0.5	30
760714	0.001	0.1	0.5	0.000	0.00	0.02	0.02	0.03	0.0	0.0	0.00	0.000	0.4	20
760702	0.001	0.1	0.5	0.010	0.00	0.00	0.05	0.02	0.0	0.0	0.00	0.000	0.6	40
760602				0.000					0.0			0.000		
760519				0.020					0.0					
760505				0.000					0.4					
760420	0.001	0.0	0.3	0.010	0.00	0.00	0.05	0.04	0.3	0.0	0.00	0.000	0.5	40
760401	0.000	0.0	0.2	0.010	0.00	0.00	0.05	0.01	0.0	0.0	0.00	0.000	0.5	30
760316				0.010					0.0					
760303				0.000					0.1					
760113	0.000	0.0	0.4	0.010	0.00	0.00	0.00	0.00	0.1	0.0	0.00	0.000	0.4	30
751002	0.000	0.0	0.5	0.010	0.00	0.00	0.00	0.00	0.0	0.1	0.00	0.000	0.6	17
750714	0.001	0.1	0.9	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.7	25
750403	0.000	0.0	0.3	0.020	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.8	18
750109	0.000	0.2	0.5	0.000	0.00	0.00	0.02	0.02	0.4	0.0	0.00	0.000	0.2	20
741015	0.000	0.0	0.8	0.012	0.00	0.00	0.00	0.01	0.2	0.1	0.00	0.000	0.6	35

NCD 01 GALUN CREEK
COUNTY ROAD BRIDGE 6 MI NORTH OF ORAVILLE --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770706				0.000			2170			
770607							4240			
770513							3630			
770401			0.04	0.000				170	55	
770202							4100			
770106			0.04	0.000						
761202							2700			
761105		55					890	405	120	0
761012		39	0.04	0.010			1550	720	165	0
761005		37	0.05				2320	910	200	0
760914		160					690	250	65	0
760902		26					3470	1460	230	0
760817		80					3500	890	280	0
760803		200					675	220	70	0
760714		180	0.02	0.020			1230	390	100	0
760702		90	0.00	0.000			2490	950	260	0
760615		95					2430	1000	230	0
760602		540							150	0
760519		140					3220		280	0
760505		42					2600		290	0
760420		95	0.00	0.000		0.20	1710		240	0
760401		100	0.00	0.020		0.20			90	0
760316		35					1540	600	190	0
760303		80					1700	413	155	0
760205							1740			
760113				0.010		0.20	1960			
751125							3330			
751002				0.000		0.30	2510			
750908							3200			
750806							1530			
750714				0.000		0.40				
750611							3740			
750403				0.000		0.80	1080			
750109				0.000		0.30				
741212						0.30				
741118						0.30	1880			
741015				0.000		0.10	4140			

NCI 02 GALUN CREEK
COUNTY ROAD BRIDGE 3 MI WEST OF PYRAMID STATE PARK
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770607		21.5	6.0	8.0	0.180		150	0.15	0.0					
770504		19.5	9.3	8.1	0.090	0.008	20	0.15	0.1		0.7	1.15	0.0	725
770408		14.5	8.7	7.5	0.310		1200	0.15	0.3	500				
770301		3.5	11.8	7.6	0.250		270	0.40	1.8	783				
770216		3.0	11.9	7.5	0.280		30	0.45	1.8	783				
761215		0.5	15.0	7.7	0.200		0	0.25	0.0	1417				
761103		7.0	6.6	7.5	0.390	0.015	500	0.15	0.3	750	5.0	0.44	0.0	150
761014		13.5	5.3	7.5	0.230		500	0.10	0.1	1283				
760916		19.5	9.1	8.2	0.250		1000	0.00	0.0					
760812		21.5	5.0	7.8	0.250	0.005	280	0.05	0.7		2.1	0.44	0.0	720
760715		25.5	3.1	7.9	0.250		460	0.10	0.1	3800				
760610		22.0	5.2	7.6	0.200		890	0.30	0.6	983				
760505		11.0	11.7	7.8	0.110	0.005	120	0.00	0.0		0.6	0.65	0.0	625
760408		16.0	9.7	8.0	0.150		160	0.10	0.0					
760311		9.0	9.9	7.3	0.250		380	0.00	0.7	1083				
760205		0.0	14.2	7.7	0.120	0.007	10	0.05	0.9	1317	0.8	0.47	0.0	480
760114		0.0	13.5	7.8	0.190		420	0.55	1.7	1500				
751204		4.0	10.1	7.4	0.450		4100	0.10	1.2	917				
751105		16.5	2.4	7.8	0.420		420	0.00	0.0					
751001		13.0	9.0	7.9	0.220		580	0.10	0.2	717				
750904		26.0	5.6	7.7	0.180		400	0.00	2.0	1533				

MCD 02 GALUN CREEK
COUNTY ROAD BRIDGE 3 MI WEST OF PYRAMID STATE PARK --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
750806		23.5	4.5	7.6	0.310		890	0.15	0.3	983				
750702		25.5	4.9	7.5	0.270		400	0.10	0.8	750				
750611		23.5	5.5	7.8	0.150		860	0.23	0.2					
750501		17.0	7.6	7.2	0.650	0.010	33000	0.53	0.6	267	13.5	0.80	0.0	60
750403		9.0	10.4	7.2	0.100		90	0.06	0.6	800				
750313		1.0	12.6	7.2	0.270		690	0.20	0.9	183				
750204		4.5	11.5	7.2	0.190	0.005	220	0.18	1.5	650	3.3	0.24	0.0	210
750109		2.0	10.0	7.4	0.580		4800	0.62	1.1	567				
741205		1.0	13.3	8.3	0.200	0.000	140	0.00	1.1	1367				
741030		15.5	3.2	7.3	0.150	0.010	140	0.00	0.0		0.8	0.76	0.0	1500
741002		11.5	9.2	7.9	0.100	0.005	380	0.02	0.2					

MCD 02 GALUN CREEK
COUNTY ROAD BRIDGE 3 MI WEST OF PYRAMID STATE PARK --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770504	0.001	0.1	0.5	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.4	78
761103	0.001	0.0	0.2	0.000	0.00	0.02	0.00	0.01	0.0	0.0	0.00	0.000	0.3	30
760812	0.001	0.0		0.020	0.00		0.00	0.00	0.0	0.0	0.00	0.000	0.6	110
760505	0.001	0.0	0.2	0.000	0.00	0.00	0.07	0.00	0.1	0.0	0.00	0.000	0.5	55
760205	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	80
750501	0.000	0.2	0.4	0.010	0.00	0.02	0.03	0.03	0.3	0.0	0.00	0.000	0.3	28
750204	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	18
741030	0.000	0.0	0.6	0.010	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.5	48

MCD 02 GALUN CREEK
COUNTY ROAD BRIDGE 3 MI WEST OF PYRAMID STATE PARK --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	NOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770607							3340			
770504			0.00	0.005			1520			
761103			0.02	0.000						
760916							1080			
760812			0.03	0.005			1600			
760505			0.00	0.020		0.10	1300			
760408							1088			
760205				0.010		0.20				
751105							1880			
750904							1100			
750611							1250			
750501				0.000		0.00				
750204				0.000		0.20				
741205						0.50				
741030				0.000		0.20	2820			
741002						0.20	2900			

ND 01 CRAB ORCHARD CREEK
TOWNSHIP ROAD BRIDGE 4 MI NORTHEAST OF CARBONDALE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770920		21.5	9.5	7.6	0.250	0.005	3000	0.25	0.3	250	3.6	0.53	0.0	50
770810		24.0	5.0	7.4	0.490		4400	0.25	0.3	267				

ND 01 CRAB ORCHARD CREEK
TOWNSHIP ROAD BRIDGE 4 MI NORTHEAST OF CARBONDALE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770706		29.0	5.6	7.2	0.530		320	5.30	0.0	425				
770607		22.0	3.9	7.4	1.330	0.000	690	3.30	0.9	700	1.1	3.50	0.0	150
770513		17.0	5.6	7.5	0.700		210	0.45	0.0	333				
770401		12.0	9.1	7.9	0.140		170	0.05	0.1	283	0.6	0.31	0.0	68
770309		6.5	11.8	7.7	0.180	0.005	130	0.25	0.1	383	1.0	0.47	0.0	90
770106			16.9	7.1	2.500		60	1.30	3.6	833				
761202		0.0	8.8	7.4	0.300	0.005	10	0.80	0.5	633	0.8	1.26	0.0	115
761118		4.5	4.4	7.4	4.000		40	7.40	0.9	750				
761005		19.5	3.9	7.4	1.000		200	4.00	1.9	733				
760914		20.5	4.0	7.4	2.250	0.005	200	2.70	1.7	650	1.2	1.35	0.0	60
760803		25.0	6.5	7.2	0.350		930	0.05	0.2	367				
760702		24.5	7.1	7.4	0.400		280	0.15	0.4	383				
760602		21.0	6.7	7.3	0.250	0.020	1900	0.35	0.5	750	2.1	1.20	0.1	290
760505		17.0	8.9	7.8	0.450		90	0.15	0.6	417				
760401		14.0	10.0	7.3	0.200		120	0.10	1.2	350				
760303		15.5	10.4	7.6	0.350	0.000	70	0.40	0.4	417	1.0	0.70	0.0	86
760205		1.0	13.6	7.5	0.240		160	0.20	0.0	433				
760113		8.0	13.8	7.1	0.250		10	0.30	0.2	400				
751217		6.0	11.7	7.5	0.850	0.002	520	0.10	0.1	283	2.1	0.40	0.1	65
751125		4.5	9.8	7.4	0.800		90	0.30	0.1	500				
751001		17.0	6.1	7.3	0.520		3400	0.50	2.1	467				
750908		24.0	5.4	6.2	0.400	0.002	700	0.35	6.4	317	2.6	0.58	0.0	60
750806		23.5	5.2	7.8	0.630		14000	0.30	0.6	333				
750630		28.5	5.2	6.7	0.390		400	0.35	0.6	333				
750611		21.5	4.0	6.7	0.210	0.005	90	0.15	5.1	500	1.2	1.80	0.0	120
750501		17.0	8.1	7.0	0.100		250	0.13	0.1	300				
750403		9.0	11.3	6.9	0.100		50	0.07	0.2	300				
750306		6.5	12.0	6.8	0.130	0.000	0	0.20	3.7	400	1.1	0.50	0.0	105
750213		3.0	14.3	8.3	0.190		10	0.20	0.2	383				
750109		6.0	11.6	7.1	0.150		150	0.10	0.1	350				
741212		5.0	11.7	6.2	0.160	0.010	230	0.16	10.0		1.0	0.54	0.0	100
741107		14.5	9.3	7.6	0.160	0.005	230	0.10	0.1	300				
741015		15.0	4.9	7.5	0.750	0.020	7200	0.25	0.7	350				

ND 01 CRAB ORCHARD CREEK
TOWNSHIP ROAD BRIDGE 4 MI NORTHEAST OF CARBONDALE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770920	0.003	0.0	0.1	0.000	0.00	0.00	0.02	0.01	0.1	0.0	0.00	0.000	0.2	9
770607	0.002	0.0	0.5	0.000	0.00	0.00	0.02	0.00	0.0	0.0	0.00	0.000	0.6	35
770401		0.0	0.1	0.000	0.00	0.02	0.00	0.00		0.0		0.000	0.2	10
770309	0.000	0.0	0.1	0.000	0.00	0.05	0.00	0.00	0.2	0.0	0.00	0.000	0.2	15
761202	0.000	0.0	0.3	0.000	0.00	0.05	0.00	0.00	0.1	0.0	0.00	0.000	0.5	25
760914	0.006	0.0	0.4	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	1.0	50
760602	0.000	0.0	0.3	0.000	0.00	0.00	0.02	0.01	0.0	0.0	0.00	0.000	0.3	33
760303	0.000	0.0	0.1	0.010	0.00	0.07	0.05	0.00	2.5	0.0	0.00	0.000	0.3	21
751217	0.000	0.0	0.0	0.010	0.00	0.00	0.00		0.0	0.0	0.00	0.000	0.3	7
750908	0.002	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.040	0.3	9
750611	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.4	18
750306	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	12
741212	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	25

ND 01 CRAB ORCHARD CREEK
TOWNSHIP ROAD BRIDGE 4 MI NORTHEAST OF CARBONDALE --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770920			0.00	0.006						
770607			0.00	0.000						
770401			0.02					98	46	
770309			0.05	0.010						

ND 01 CRAB ORCHARD CREEK
TOWNSHIP ROAD BRIDGE 4 MI NORTHEAST OF CARBONDALE --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
761202			0.05	0.015						
760914			0.02	0.015						
760602			0.00	0.010		0.30				
760303				0.010		0.20				
751217				0.010		0.10				
750908				0.000		0.40				
750611				0.000		0.50				
750306				0.000		0.30				
741212				0.000		0.70	240			24
741107						0.10				
741015						0.20				

ND 02 CRAB ORCHARD CREEK
COUNTY LINE ROAD BRIDGE AT CRAB ORCHARD DAM
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770614		28.5	10.5	7.8			140	0.40	0.2	283				
770520		24.0	5.2	7.4	0.050		0	0.25	0.2	267				
770413		14.5	9.2	7.1	0.050	0.005	0	0.30	0.2	267	1.4	0.52	0.0	63
770323		10.0	10.8	7.9	0.070		0	0.05	0.1	367				
770203		0.0	2.5	7.1	0.120		0	1.40	0.1	700				
770105				7.4	0.100	0.005	0	0.35	0.1	583	0.3	0.39	0.0	125
761207		0.0	14.4	7.9	0.050		10	0.05	0.1	400				
761112		3.5	11.2	7.6	0.020		0	0.25	1.4	483				
761014		14.0	8.4	7.8	0.070	0.010	10	0.10	0.0	483	0.3	0.13	0.0	90
760909		20.0	4.2	7.4	0.100		260	0.35	0.5	417				
760824		30.5	4.7	7.9	0.120		20	0.30	0.2	375				
760713		28.5	8.3	8.1	0.150	0.010		0.00	0.1	367	0.2	0.27	0.0	85
760604		21.0	9.5	7.6	0.050		30	0.15	0.2	350				
760514		19.0	9.1	8.0	0.050		140	0.15	0.1	367				
760413		16.5	10.6	8.2	0.150	0.010	10	0.10	0.6	350	0.2	0.40	0.1	90
760316		11.0	11.4	7.7	0.400		0	0.10	1.1	317				
760205			14.4	7.7	0.100		0	0.10	0.0	317				
760109		0.5		7.6	0.090	0.006	0	0.25	0.2	275	0.2	0.00	0.1	70
751217		6.5	11.6	7.2	0.060		20	0.25	1.1	333				
751125		5.5	12.9	7.7	0.280		10	0.10	0.1	275				
751002		18.0	9.2	5.8	0.050	0.003	0	0.20	11.0	300	0.2	0.25	0.0	50
750908		25.5	7.5	6.9	0.060		40	0.25	0.3	275				
750806		26.0	7.7	8.0	0.140		20	0.00	0.0	267				
750630		30.5	7.9	6.2	0.100	0.005	0	0.10	7.8	283	0.1	0.10	0.0	63
750619		28.0	9.2	7.1	0.040		20	0.30	0.1	250				
750501		18.5	10.2	7.4	0.060		10	0.04	0.1	250				
750403		10.0	12.0	7.0	0.060	0.000	30	0.00	0.1	267	0.7	0.20	0.0	70
750306		9.5	12.4	7.6	0.060		0	0.04	0.0	400				
750213		3.0	15.2	8.2	0.090		0	0.00	0.0	333				
750123		2.0	14.6	7.5	0.070	0.000	0	0.00	0.0	317	0.1	0.10	0.0	90
741213		5.0	13.0	7.6	0.030	0.010	0	0.00	0.1	300				
741107		15.0	10.1	8.9	0.150	0.005	30	0.10	0.1	300				
741010		16.0	10.5	7.8	0.050	0.005	70	0.07	0.1	333	0.3	0.14	0.0	75

ND 02 CRAB ORCHARD CREEK
COUNTY LINE ROAD BRIDGE AT CRAB ORCHARD DAM --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770413	0.001	0.0	0.1	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.1	8
770105	0.005	0.0	0.1	0.000	0.00	0.02	0.00	0.00	0.0	0.0	0.00	0.000	0.2	142
761014	0.003	0.0	0.0	0.000	0.00	0.04	0.00	0.01	0.0	0.0	0.00	0.000	0.3	10
760713	0.000	0.0	0.1	0.000	0.00	0.01	0.02	0.00	0.0	0.0	0.00	0.000	0.2	10

ND 02 CRAB ORCHARD CREEK
COUNTY LINE ROAD BRIDGE AT CRAB ORCHARD DAM --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
760413	0.000	0.0	0.0	0.000	0.00	0.00	0.02	0.02	0.1	0.0	0.00	0.000	0.1	10
760109	0.001	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	9
751002	0.000	0.0	0.4	0.000	0.00	0.00	0.00	0.00	0.1	0.0	0.00	0.000	0.2	7
750630	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	6
750403	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.1	8
750306								0.00						
750123	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.1	8
741010	0.000	0.0	0.0	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	8

ND 02 CRAB ORCHARD CREEK
COUNTY LINE ROAD BRIDGE AT CRAB ORCHARD DAM --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770413			0.00	0.000				92	40	
770105			0.02	0.000						
761014			0.04							
760713			0.01	0.005						
760413			0.00	0.000		0.10				
760109			0.00	0.010		0.10				
751002				0.000		0.60				
750630				0.000		0.60				
750403				0.000		0.20				
750123				0.000		0.10				
741213						0.20				
741107						0.10				
741010				0.000		0.10				

ND 03 CRAB ORCHARD CREEK
I-57 BRIDGE 1.5 MI SOUTH OF MARION
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770916		25.0	4.7	7.3	0.920		730	1.90	0.4	683				
770810		25.0	2.1	7.1	0.580	0.005	58000	0.65	0.3	467	1.1	0.70	0.0	155
770726		29.0	4.2	8.2	8.000		34000	17.00	2.0	917				
770623		28.0		8.6	5.100		8000	5.50	0.2	1017				
770526		20.0	0.5	7.5	0.360	0.008	40000	0.25	0.2	1017	0.9	1.00	0.0	37
770421		16.0	0.2	7.4	2.000		61000	2.40	0.3	1483	1.1	2.10	0.0	285
770329		13.5	6.6	7.0	0.330		2000	0.45	0.2	217	1.9	0.20	0.0	65
770106			0.0	7.4	7.000		130000	15.00	0.0	1600				
761216			1.0	7.6	5.000			5.10	1.5					
761118		6.0	0.3	7.6	9.000	0.016	31000	7.80	0.0	1400	0.6	0.70	0.0	300
761020		8.0	4.5	7.6	9.700		210000	7.30	0.6	1267				
760901		25.5		8.7	6.000		6800	4.00	0.4	950				
760804		26.0	4.2	7.1	1.100		7900	1.50	0.7	617	1.2	0.60	0.0	200
760706		24.0	5.5	7.0	0.400		13000	0.40	1.1	483				
760601		21.0	2.4	7.3	0.800		1500	0.90	0.3	1033				
760527		17.0	3.3	7.4	4.000	0.005	7000	4.40	0.6	1100	1.8	1.27	0.0	350
760415		17.0	2.9	7.3	6.000		3000	2.70	2.0	1233				
760302		15.5	3.5	7.4	0.820		1900	1.90	0.8	1083				
760203		3.0	10.1	7.0	1.100	0.009	1500	0.10	0.6	1000	1.0	1.45	0.2	28
760107		1.0	10.1	6.8	0.950		17000	1.50	0.9	867				
751211		3.5	8.3	7.1	0.800		320	0.80	0.9	767				
751121		8.5	1.1	7.1	0.570	0.020	49000	4.80	0.8	983	0.6	1.17	0.0	240
751007		15.0	1.7	7.5	4.500		58000	5.05	0.4	917				
750908		25.5	3.6	7.3	2.400		2900	2.90	0.0	692				
750813		29.5	10.3	7.1	3.300	0.005	680	3.30	6.3	917	0.9	0.71	0.0	230
750714		25.5	4.2	7.3	1.400		11000	1.80	0.3	583				
750617		25.5	4.0	7.3	1.200		4000	1.60	0.4	650				

ND 03 CRAB ORCHARD CREEK
I-57 BRIDGE 1.5 MI SOUTH OF MARION --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
750508		18.5	3.2	7.2	0.850	0.005	30000	1.30	1.0	883	1.9	1.85	0.0	368
750903		11.0	6.8	6.9	0.380		16000	0.38	0.3	848				
750306		9.5	9.5	7.3	0.500		6500	1.00	0.6	1033				
750211		3.5	10.4	7.2	0.730	0.000	30000	1.20	0.7	317	1.4	1.70	0.1	300
750114		2.0	11.1	7.3	0.490		25800	0.54	0.4	633				
741202		3.5	9.9	6.7	0.250	0.000	5000	0.35	0.6	1000				
741106		11.5	5.8	7.0	0.330	0.015	13000	0.15	0.3	283	3.3	0.50	0.0	100
741017		13.5	2.5	7.0	1.000	0.010	24000	0.72	0.6	1067				

ND 03 CRAB ORCHARD CREEK
I-57 BRIDGE 1.5 MI SOUTH OF MARION --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770810	0.001	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	9
770526	0.001	0.1	0.4	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	10
770421		0.0	0.4	0.000	0.00		0.04	0.03		0.2		0.000	0.4	28
770329		0.0	0.3	0.000	0.00	0.00	0.00	0.00		0.0		0.000	0.1	7
761118	0.002	0.0	0.4	0.000	0.00	0.06	0.00	0.01	0.0	0.1	0.00	0.000	1.4	60
760804	0.002	0.0	0.2	0.000	0.00	0.03	0.00	0.00	0.0	0.0	0.01	0.020	0.4	23
760527	0.000	0.0	0.3	0.000	0.00	0.00	0.02	0.02	0.1	0.0	0.00	0.000	1.0	48
760203	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.03	0.0	0.1	0.00	0.000	0.3	60
751121	0.003	0.0	0.5	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.9	42
750813	0.002	0.0	0.4	0.000	0.00	0.00	0.00	0.00	0.2	0.0	0.00	0.000	0.9	43
750508	0.002	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.4	19
750211	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	20
741106	0.000	0.0	0.2	0.005	0.00	0.00	0.00	0.03	0.0	0.0	0.00	0.000	0.1	12

ND 03 CRAB ORCHARD CREEK
I-57 BRIDGE 1.5 MI SOUTH OF MARION --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	ABAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770810			0.00	0.000						
770526			0.00	0.010						
770421			0.00					340	120	
770329			0.00					88	32	
761216							1360			
761118			0.06	0.005						
760804			0.03	0.010						
760527			0.00	0.010		0.70				
760203				0.010		0.40				
751121				0.010		0.90				
750813				0.000		0.80				
750508				0.000		0.40				
750211				0.000		0.50				
741202						0.30				
741106				0.000		0.20				
741017						0.30				

ND 04 CRAB ORCHARD CREEK
ROUTE 13 BRIDGE 1 MI EAST OF MARION
LAB: MARION DISCHARGE DATA: 05597500 CRAB ORCHARD CREEK NEAR MARION, IL
DRAINAGE AREA: 31.7 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770921	40	18.0	8.3	6.5	0.120	0.008	680	0.30	0.3	583	1.3	0.82	0.0	235
770811	1.8	23.5	5.5	7.1	0.150		2500	0.20	0.5	550				
770729	0.00	25.5	11.5	7.2	0.000		300	0.15	0.0					
770608	0.07	19.5	7.2	6.8	0.030	0.000	100	0.20	0.3		0.8	2.40	0.0	1760
770519	0.49	19.5	5.9	7.0	0.000			0.35	0.3					
770419	3.1	16.0	6.4	7.4	0.050		130	0.25	0.3		0.6	3.20	0.1	925
770311	9.1	10.0	9.5	7.0	0.000	0.010	10	0.20	0.1	1033	0.5	2.43	0.1	425
770210	0.30	0.5	6.3	6.9	0.160		120	4.10	0.2	1250				
770107	0.50		10.2	6.7	0.000		0	1.00	0.1					
761214	1.3			7.0	0.700	0.000	0	0.50	0.1		0.8	5.00	0.2	1640
761104	0.46	5.0	4.4	6.9	0.040		50	0.10	0.0	2117	0.9			1200
761013	0.00	14.0	4.4	6.7	0.060		50	0.25	0.1	2633	2.6			1400
761006	0.00	14.0	6.8	7.3	0.050		50	0.10	0.1	2600	1.6			1000
760915	0.24	17.0	5.0	7.0	0.050	0.000	110	0.10	0.2	2000	1.3	1.65	0.1	1100
760903	0.08	20.0	4.5	7.0	0.000	0.020	30	0.15	0.2	1667	1.2	1.32	2.0	950
760818	5.1	19.5	6.2	6.9	0.130		480	0.10	0.1	600	1.4			215
760804	2.1	20.0	6.5	6.8	0.090		590	0.15	1.0	800	1.4			250
760715	*0.90	24.5	5.7	7.2	0.000		140	0.25	0.3	1450	0.7			750
760706	*17	21.0	8.0	6.7	0.050		700	0.30	0.6	767	1.5			150
760616	*5.0	20.5	5.8	7.1	0.300	0.015	25000	0.00	0.2	1083	2.2	1.18	0.0	425
760603	*18	18.5	5.8	7.0	0.050	0.020	470	0.25	0.2	733	1.3	1.95	0.0	200
760520	*4.2	15.5	8.2	7.3	0.050		270	0.30	0.4	1133	1.1	1.72	0.1	475
760506	1.0	16.0	7.2	7.3	0.060		320	0.10	0.2	1450	1.4	2.10	0.1	752
760421	*28	16.5	7.7	6.2	0.100		570	0.40	0.3	1050	5.4	3.00	0.4	552
760402	*8.0	10.0	9.6	7.3	0.100		220	0.10	0.2	1017	1.4	2.00	0.2	400
760317	*5.0	5.0	11.4	7.5	0.000	0.000	120	0.10	0.3	1383	0.9	2.60	0.2	500
760302	*7.0	15.5	8.9	7.6	0.050	0.010	140	0.40	0.5	1333	0.9	2.60	0.0	480
760203	8.5	0.0	14.1	7.0	0.050		190	0.30	0.6	1167				
751216	331	4.5	9.6	7.0	0.300	0.005	9800	0.40	0.6	283	4.9	0.75	0.1	75
751117	0.67	10.0	7.9	7.1	0.030		30	0.15	0.1	1383				
751001	0.58	15.5	8.2	7.3	0.000		190	0.30	0.2					
750926	0.62	15.0	8.9	7.1	0.010	0.005	200	0.20	2.8		0.7	1.58	0.0	800
750804	0.98	24.0	6.3	7.3	0.020		230	0.15	0.2					
750715	0.12	23.0	10.4	7.2	0.010		110	0.20	0.1	612				
750617	8.9	24.0	6.6	7.0	0.020	0.008	310	0.08	3.0		1.0	2.20	0.0	925
750513	16	17.0	8.6	6.4	0.050		280	0.25	0.2	800				
750415	4.1	12.0	9.5	7.0	0.010		10	0.17	0.2	2250				
750306	6.6	8.5	11.1	6.7	0.020	0.000	0	0.30	2.7	1383	3.8	2.80	0.3	700
750211	6.0	3.0	12.0	6.8	0.020		30	0.25	0.2	933				
750122	11	1.5	13.8	6.9	0.020		0	0.17	0.2	1067				
750107		0.0	14.0	6.9	0.040		20	0.35	0.4	1083				
741202	29	3.0	11.3	7.1	0.050	0.000	40	0.12	0.4	883	3.2	1.77	0.1	295
741114	8.3	6.0	10.2	7.0	0.260	0.000	50	0.07	0.3	867				
741017	2.7	12.0	7.1	7.0	0.040	0.010	130	0.05	0.1	1067				

ND 04 CRAB ORCHARD CREEK
ROUTE 13 BRIDGE 1 MI EAST OF MARION --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770921	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.2	8
770608	0.001	0.0	0.3	0.000	0.00	0.08	0.04	0.00	0.0	0.1	0.00	0.000	0.4	14
770419		0.1	0.2	0.000	0.00		0.02	0.00		0.0		0.000	0.3	18
770311	0.000	0.1	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.010	0.2	20
761214	0.000	0.1	0.3	0.010	0.00	0.02	0.00	0.00	0.0	0.1	0.00	0.000	0.4	14
760915	0.000	0.1	0.1	0.010	0.00	0.03	0.00	0.01	0.1	0.0	0.00	0.020	0.4	15
760903	0.000	0.0	0.2	0.000	0.00	0.02	0.00	0.00	0.0	0.0	0.00	0.000	0.4	13
760616	0.000	0.0	0.1	0.000	0.00	0.00	0.05	0.00	0.0	0.0	0.00	0.000	0.3	18
760603	0.000	0.0	0.1	0.000	0.00	0.00	0.03	0.00	0.0	0.0	0.00	0.000	0.2	10
760520				0.000					0.0					
760506				0.000					0.0					
760421				0.000					0.2					
760402				0.000					0.0					
760317	0.000	0.1	0.1	0.010	0.00	0.01	0.05	0.00	0.0	0.0	0.00	0.000	0.3	20
760302	0.000	0.0	0.1	0.010	0.00		0.05	0.01	0.0	0.0	0.00	0.000	0.2	38

* Instantaneous discharge.

MD 04 CRAB ORCHARD CREEK
ROUTE 13 BRIDGE 1 MI EAST OF MARION --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
751216	0.000	0.0	0.3	0.010	0.00	0.00	0.02	0.01	0.0	0.0	0.00	0.000	0.2	10
750926	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.00	0.1	0.0	0.00	0.000	0.3	14
750617	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.4	14
750306	0.000	0.0	0.1	0.020	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	17
741202	0.000	0.0	0.2	0.009	0.00	0.00	0.13	0.06	0.3	0.1	0.00	0.000	0.2	22

MD 04 CRAB ORCHARD CREEK
ROUTE 13 BRIDGE 1 MI EAST OF MARION --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770921			0.00	0.001						
770729							2520			
770608			0.08	0.000			2590			
770519							1640			
770419			0.00				1520	950	60	
770311			0.00	0.000						
770107							2910			
761214			0.02	0.000			2400			
761104		8					1680	1010	26	0
761013		38					2210	1170	75	0
761006		20					2160	1180	82	0
760915		18	0.00	0.000			1720	1100	32	0
760903		17	0.02	0.005			1380	850	55	0
760818		20					805	235	28	0
760804		25					600	330	24	0
760715		8					1408	740	65	0
760706		18					567	363	18	0
760616		65	0.00	0.025			830	490	65	0
760603		22	0.00	0.010		0.30			60	0
760520		18							45	0
760506		28							80	0
760421		90							0	7
760402		27							50	0
760317		6	0.01	0.000		0.20		600	65	0
760302		10	0.07	0.010		0.20		546	44	0
751216			0.00	0.000		0.00				
751001							2050			
750926				0.000		0.30	1590			
750804							2100			
750617				0.000		0.30	1750			
750306				0.000		0.30				
741202				0.000		0.20				
741114						0.20				
741017						0.30				

NE 03 LITTLE MUDDY RIVER
ROUTE 149 BRIDGE 2 MI EAST OF DESOTO
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770908		25.0	11.5	7.5	0.200		240	0.10	0.2	367				
770706		27.0	4.9	7.4	0.180	0.000	170	0.45	0.6	600	5.0	1.00	0.0	175
770607		19.5	6.2	7.9	0.340		100	0.05	0.0					
770513		15.0	6.7	7.7	0.300		0	0.15	0.0	1500				
770401		12.0	5.0	7.4	0.300	0.005	110	0.25	0.5	167	1.5	0.15	0.0	33
770309		8.5	9.3	7.4	0.350		40	0.15	0.4	450				
761202		0.0	12.5	7.9	0.200		20	0.10	0.0					
761105		5.5	9.8	7.7	0.200		60	0.05	0.0	1683	1.1			500
761012		13.5	8.8	7.9	0.190	0.008	110	0.00	0.0	1183	0.8	0.80	1.1	250

NE 03 LITTLE MUDDY RIVER
ROUTE 149 BRIDGE 2 MI EAST OF DESOTO --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
761005		20.0	9.0	7.9	0.200	0.005	490	0.25	0.3	1233	4.5	2.25	0.1	350
760914		20.0	8.3	7.8	0.250		400	0.15	0.1	1600	1.1			700
760902		24.5	9.5	8.0	0.150		170	0.05	0.0	1783	1.2			700
760817		24.5	11.5	7.4	0.330		700	0.10	0.3	1067	3.1			390
760803		23.0	5.1	7.1	0.400		890	0.15	0.5	367	3.3			100
760714		28.0	10.0	7.4	0.300	0.010	900	0.15	0.2	1117	3.6	2.32	0.2	350
760702		23.5	7.3	7.5	0.500	0.005	300	0.15	0.4	867	5.1	1.30	0.1	350
760615		26.0	6.7	7.7	0.150		240	0.10	0.1	1267	3.6			540
760602		20.0	6.6	7.3	0.400		1200	0.50	1.6	600	5.9	0.77	0.1	200
760519		18.5	9.3	7.9	0.250		100	0.00	0.1		1.6	2.05	0.1	625
760505		17.0	8.5	7.8	0.210		60	0.05	0.1	1383	1.1	1.15	0.0	380
760420		21.5	7.6	7.7	0.500		130	0.10	0.0	1367	6.6	2.80	0.2	460
760401		14.0	8.4	7.3	0.200	0.015	330	0.10	0.3	650	3.4	0.70	0.1	200
760316		10.0	10.7	7.8	0.200		90	0.10	1.0	917	1.6	1.27	0.1	300
760303		16.5	7.1	7.6	0.400		100	0.35	0.4	850	2.9	1.35	0.1	336
760205		0.5	13.4	7.3	0.200		80	0.15	0.3	950				
760113		8.0	12.5	7.1	0.180	0.005	40	0.30	0.6	917	0.8	0.67	0.1	300
751217		4.5	9.9	7.2	0.380		4500	0.15	0.5	500				
751125		4.0	11.8	7.9	0.130		20	0.05	0.0					
751002		14.5	9.4	7.8	0.150	0.003	270	0.10	0.2	1117	1.0	0.70	0.0	490
750930		15.0	8.1	7.6	0.200		240	0.10	0.2	900				
750806		23.0	5.7	7.6	0.280		790	0.10	0.0					
750714		21.0	6.8	7.3	0.190	0.006	250	0.10	0.1	1100	2.7	0.97	0.0	400
750611		23.0	5.9	7.4	0.300		120	0.18	0.2	1250				
750501		19.5	5.1	6.8	0.270		70	0.25	0.4	217				
750415		11.5	10.5	7.3	0.130	0.005	80	0.02	5.0	2900	1.9	1.30	0.0	1350
750306		5.0	10.1	7.1	0.210		30	0.20	0.9	367				
750213		3.0	12.4	7.8	0.220		210	0.23	0.7	383				
750122		1.5	13.1	7.3	0.220	0.000	280	0.28	0.5	683	2.9	0.50	0.0	225
741213		3.5	11.1	7.5	0.150	0.010	360	0.12	0.8	550				
741107		11.0	5.5	7.4	0.280	0.015	640	0.10	0.7	267				
741015		13.5	6.2	6.9	0.250	0.005	2900	0.07	15.0	1083	2.4	1.58	0.0	300

NE 03 LITTLE MUDDY RIVER
ROUTE 149 BRIDGE 2 MI EAST OF DESOTO --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770706	0.002	0.0	0.5	0.020	0.00	0.00	0.02	0.01	0.0	0.0	0.00	0.000	0.3	20
770801	0.001	0.0	0.4	0.000	0.00	0.04	0.04	0.01	0.0	0.0	0.00	0.000	0.1	12
761012	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.3	40
761005	0.002	0.1	0.1	0.000	0.00	0.05	0.00	0.01	0.0	0.0	0.00	0.000	0.3	42
760714	0.001	0.1	0.3	0.010	0.00	0.01	0.02	0.03	0.1	0.0	0.00	0.000	0.4	23
760702	0.001	0.0	0.2	0.010	0.00	0.00	0.05	0.03	0.0	0.0	0.00	0.000	0.3	23
760602				0.000					0.0					
760519				0.010					0.0					
760505				0.000					0.1					
760420	0.000	0.0	0.2	0.010	0.00	0.00	0.04	0.01	0.0	0.0	0.00	0.000	0.4	45
760401	0.000	0.0	0.1	0.000	0.00	0.00	0.05	0.01	0.0	0.0	0.00	0.000	0.2	30
760316				0.010					0.0					
760303				0.010					0.0					
760113	0.000	0.0	0.2	0.020	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	30
751002	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	20
750714	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.4	18
750415	0.000	0.0	0.3	0.020	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.4	38
750122	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.3	22
741015	0.000	0.0	0.2	0.030	0.00	0.00	0.00	0.00	0.2	0.0	0.00	0.000	0.2	28

BE 03 LITTLE MUDDY RIVER
ROUTE 149 BRIDGE 2 MI EAST OF DESOTO --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770706				0.000						
770401			0.04	0.000				54	30	
761202							1900			
761105		11					1210	740	140	0
761012		35	0.04	0.010			720	440	200	0
761005		100	0.05	0.005			770	465	200	0
760918		110					1210	760	135	0
760902		47					1480	880	130	0
760817		150					670	470	100	0
760803		150					315	120	40	0
760718		210	0.01	0.020			860	500	110	0
760702		220	0.00	0.000			610	420	80	0
760615		180					1013	550	105	0
760602		260							170	0
760519		90					1310		180	0
760505		55							150	0
760420		320	0.00	0.000		0.20			130	0
760401		140	0.00	0.020	0.01	0.20			55	0
760316		90						350		
760303		200						557	55	0
760113				0.010		0.30				
751125							1410			
751002				0.000		0.10				
750806							1190			
750714				0.000		0.30				
750415				0.000		0.40				
750122				0.000		0.20				
741213						0.40				
741107						0.20				
741015				0.000		0.40				

BE 04 LITTLE MUDDY RIVER
ROUTE 14 BRIDGE 2 MI EAST OF OLD DUQUOIN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770917		25.0	6.2	7.1	0.150		390	0.05	0.2	267				
770824		24.0	4.1	7.3	0.200	0.007	200	1.00	0.5	150	2.1	0.40	0.0	29
770721		26.0	3.1	7.9	0.200		200	0.10	0.3	283				
770607		24.0	4.0	7.7	0.170		0	0.40	0.1	1067				
770504		18.0	4.5	7.5	0.150	0.006	20	0.20	0.0	1000	1.4	1.70	0.0	275
770404		15.5	6.8	7.3	0.340		700	0.25	0.3	383				
770324		10.0	7.6	7.3	0.170		10	0.25	0.7	667				
770216			8.5	7.2	0.210		370	0.50	1.3	433				
761215		2.0	0.0	7.3	0.600		70	0.00	0.0	583				
761103		7.0	3.2	7.4	0.290	0.012	150	0.00	0.0	467	1.8	2.34	0.0	45
761014		14.5	4.0	7.4	0.340		0	0.10	0.0	500				
760920		20.5	3.3	7.3	0.200		310	0.20	0.3	650				
760825		27.0	4.0	7.4	0.260	0.020	120	0.20	0.0	783	1.9	2.88	0.0	250
760701		20.5	2.7	7.5	0.250		380	0.25	0.2	817				
760607		22.0	5.2	7.1	0.200		1200	0.35	1.3	617				
760505		17.0	9.3	7.7	0.000	0.000	120	0.00	0.0	1150	1.5	1.10	0.0	320
760408		13.5	7.0	7.7	0.200		330	0.10	0.4	817				
760311		10.5	8.8	7.3	0.250		300	0.00	0.5	683				
760219		9.0	8.7	7.3	0.140	0.005	3100	0.20	0.1	983	3.2	0.62	0.0	480
760114			10.7	7.2	0.250		50	0.35	1.3	800				
751204		3.0	8.0	6.8	0.500		2700	0.20	0.8	683				
751105		15.0	2.5	7.6	1.200	0.015		0.15	0.0	1083	1.4	9.75	0.0	275
751001		13.5	4.2	7.0	0.150		190	0.10	0.2	733				
750917		19.0	3.8	7.1	0.190		300	0.25	0.3	333				
750806		24.0	2.9	7.6	0.200	0.009	120	0.40	0.1	817				150
750702		25.0	3.0	7.5	0.340		200	0.25	0.6	317				
750612		20.5	4.2	7.5	0.190		280	0.54	0.2	817				
750501		18.0	6.7	7.0	0.780	0.007	13000	0.57	0.6	317	15.0	1.05	0.0	80
750401		6.5	10.4	7.0	0.260		790	0.21	0.4	450				

NE 04 LITTLE MUDDY RIVER
ROUTE 14 BRIDGE 2 MI EAST OF OLD DUQUOIN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
750312		1.5	13.0	6.8	0.320		2800	0.30	0.7	233				
750211		0.0	13.3	7.1	0.080	0.000	30	0.10	0.6	783	0.9	0.25	0.0	235
750106		2.0	11.5	7.2	0.160		630	0.14	1.0	467				
741218		0.0	12.0	7.4	0.080	0.005	420	0.04	0.6	750				
741031		15.5	0.8	6.8	0.350	0.020	160	0.00	0.1	600	1.7	8.30	0.0	115
741003		9.5	8.3	7.3	0.160	0.005	2400	0.07	0.3	550				

NE 04 LITTLE MUDDY RIVER
ROUTE 14 BRIDGE 2 MI EAST OF OLD DUQUOIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770824	0.000	0.1	0.3	0.000	0.00	0.00	0.00	0.03	0.0	0.0	0.00	0.000	0.2	7
770504	0.001	0.1	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	65
761103	0.001	0.0	0.1	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	20
760825	0.001	0.0	0.1	0.030	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.1	20
760505	0.001	0.0	0.1	0.020	0.00	0.00	0.05	0.01	0.1	0.0	0.00	0.000	0.2	75
760219	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	105
751105	0.004	0.0	0.3	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.5	65
750806			0.1		0.00								0.3	40
750501	0.000	0.1	0.3	0.000	0.00	0.00	0.02	0.02	0.1	0.0	0.00	0.000	0.2	32
750211	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	33
741031	0.010	0.0	0.1	0.000	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.2	27

NE 04 LITTLE MUDDY RIVER
ROUTE 14 BRIDGE 2 MI EAST OF OLD DUQUOIN --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770824			0.00	0.000						
770504			0.00	0.005						
761103			0.00	0.000						
760825			0.00							
760505			0.00	0.020		0.20				
760219				0.010		0.10				
751105				0.000		0.30				
750806				0.000		0.20				
750501				0.000		0.10				
750211				0.000		0.20				
741218						0.10				
741031				0.000		0.30				
741003						0.30				

NEB 01 BIESE CREEK
ROUTE 14 BRIDGE 1 MI EAST OF OLD DUQUOIN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770607		23.5	8.2	8.2	1.550	0.005	330	0.15	0.0	1217	0.9	3.00	0.0	315
770504		18.5	4.0	7.5	1.700		300	0.40	0.2	1217				
770404		15.5	6.5	7.4	0.540		60	0.05	0.2	567				
770324		9.5	8.9	7.3	0.430	0.005	40	0.00	0.3	683	0.7	0.38	0.0	213
770216			10.5	7.1	0.800		20	1.20	1.6	583				
761215		2.0		7.3	3.000	0.005	20	1.00	2.5	1317	0.3	1.72	0.0	94
761103		6.5	7.1	7.5	1.200		120	0.40	0.2	1000				

NEB 01 REESE CREEK
ROUTE 14 BRIDGE 1 MI EAST OF OLD DUQUOIN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
761014		14.0	7.2	7.8	0.670		200	0.10	0.0	1133				
760920		20.0	5.0	7.6	4.000	0.010	30	0.10	0.1	1017	0.7	1.60	0.0	100
760825		26.5	3.1	7.5	0.830		70	0.15	0.0	1150				
760701		23.0	5.8	7.5	1.500		230	0.10	0.2	1067				
760607		21.5	6.2	7.2	0.750	0.010	300	0.25	0.2	600				175
760505		16.5	12.1	7.8	0.650		60	0.05	0.0	1167				
760408		14.0	5.8	7.5	0.500		250	0.10	0.4	883				
760311		9.0	8.5	7.4	0.400	0.005	60	0.00	0.1	717	0.6	0.53	0.0	172
760219		7.0	6.2	7.2	0.360		960	0.25	0.1	733				
760114			9.9	6.9	0.350		90	0.40	0.5	517				
751204		3.0	9.2	7.1	0.650	0.000	680	0.00	0.7	833	0.7	0.15	0.0	100
751105		15.0	7.1	7.4	0.450		120	0.35	0.2	700				
751001		13.0	8.6	7.3	1.300		150	0.10	0.4	783				
750917		19.0	6.1	7.4	3.900	0.007	60	1.00	1.6	833	0.7	0.48	0.1	190
750806		23.5	5.4	7.7	3.000	0.010	230	0.10	1.2	917	1.0	0.62	0.0	245
750702		24.5	7.1	7.9	2.650	0.005	300	0.25	1.0	1200	0.7	1.37	0.0	320
750612		21.0	5.3	7.7	2.000	0.005	520	0.78	1.1	1133	1.2	2.25	0.0	380
750501		18.0	4.9	6.8	0.450		200	0.52	0.3	250				
750401		6.5	7.9	7.0	0.260		910	0.19	0.5	392				
750312		1.5	11.0	6.5	0.200	0.005	1500	0.20	0.5	283	2.0	0.20	0.0	75
750211			10.4	7.3	0.350		720	0.67	0.9	717				
750106		3.0	10.3	7.1	0.200		1500	0.16	0.5	433				
741218		0.0	10.2	7.2	0.370	0.005	240	0.40	0.7	600	0.7	0.35	0.0	150
741031		16.0	3.0	7.1	4.000	0.005	1300	2.10	0.0	1012				
741003		9.5	3.7	7.1	0.900	0.010	540	0.50	0.9	750				

NEB 01 REESE CREEK
ROUTE 14 BRIDGE 1 MI EAST OF OLD DUQUOIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-NIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770607	0.004	0.0	0.4	0.000	0.00	0.10	0.00	0.00	0.0	0.0	0.00	0.000	0.6	65
770324	0.000	0.0	0.3	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	40
761215	0.000	0.0	0.4	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.6	85
760920	0.003	0.0	0.4	0.020	0.00	0.04	0.06	0.01	0.1	0.0	0.00	0.010	0.7	88
760607													0.3	40
760311	0.000	0.0	0.2	0.010	0.00	0.00	0.03	0.00	0.0	0.0	0.00	0.000	0.3	45
751204	0.000	0.0	0.4	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.5	47
750917	0.005	0.0	0.6	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.7	56
750806	0.003	0.0	0.6	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.6	60
750702	0.001	0.0	0.6	0.050	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.7	53
750612	0.000	0.0	0.6	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.6	43
750312	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.1	15
741218		0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.2	0.0		0.000	0.2	30

NEB 01 REESE CREEK
ROUTE 14 BRIDGE 1 MI EAST OF OLD DUQUOIN --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770607			0.10	0.000						
770324			0.00	0.010						
761215			0.00	0.000						
760920			0.04	0.000						
760311			0.00	0.000		0.20				
751204				0.010		0.30				
750917				0.000		0.50				
750806				0.000		0.40				
750702				0.000		0.50				
750612				0.000		0.40				
750312				0.000		0.20				
741218				0.000		0.20				

BEB C1 BEESE CREEK
ROUTE 14 BRIDGE 1 MI EAST OF OLD DUQUOIN --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
741031						0.40				
741003						0.40				

BF 01 HURRICANE CREEK
TOWNSHIP ROAD BRIDGE 4 MI WEST NORTHWEST OF HERRIN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770617		23.5	6.4	7.8	0.110		280	0.15	0.2	1417				
770525		19.5	4.8	7.3	0.100		830	0.20	0.2	1333				
770415		15.5	8.9	7.6	0.050	0.000	190	0.05	0.2	1083	0.6	1.15	0.0	450
770302		2.0	10.5	7.0	0.050		20	0.65	0.2	1417				
770207			3.8	7.2	0.120		30	2.90	0.2					
770107			4.8	7.7	0.070	0.019	10	1.00	0.4		0.6	0.84	0.1	625
761207			11.7	7.6	0.700		200	2.40	0.5					
761118		3.0	7.0	7.7	0.050		20	0.80	0.4					
761019		8.5	5.8	7.6	0.330	0.024	150	0.00	0.2		1.5	0.47	0.2	500
760909		20.5	7.3	7.8	0.150		7200	0.00	0.3	1217				
760827		23.0	7.6	7.7	0.150		440	0.10	0.3	1400				
760721		24.5	7.4	7.7	0.120	0.005	1800	0.10	0.1	1350	1.0	0.55	0.0	650
760617		21.0	16.3	7.5	0.100		340	0.25	0.2	1200				
760526		19.5	7.5	7.5	0.250		30	0.10	0.2	483				
760415		20.0	8.8	7.6	0.100	0.000	170	0.00	0.3	1433	1.7	2.05	0.0	800
760318		6.5	10.9	7.6	0.050		60	0.10	0.1	1200				
760206		0.0	12.8	7.2	0.020		30	0.80	0.3	1167				
760106		0.5	12.6	7.0	0.600	0.003	20	0.60	0.3	883	0.8	2.25	0.3	470
751209		5.0	10.4	7.3	0.060		130	0.80	0.7	800				
751121		5.5	8.1	6.9	0.160		190	1.30	0.6	1250				
751009		15.5	5.7	7.8	0.150	0.013	1300	0.60	0.8	1217	1.0	0.43	0.0	330
750923		14.0	9.3	7.6	0.090		270	0.15	0.5	1117				
750728		26.0	6.5	7.4	1.170	0.008	160	0.20	4.9	1267	1.0	0.63	0.0	375
750617		22.0	4.8	7.6	1.950		610	0.19	1.4	1250				
750508		15.5	3.0	4.6	0.500		70	0.31	0.5	1000				
750415		12.0	10.1	6.9	0.230	0.010	20	0.70	4.3	1000	1.7	1.70	0.2	475
750320		10.0	11.6	7.0	0.150		50	0.10	0.4	550				
750225		4.5	10.8	6.9	0.280		870	0.20	0.7	467				
750122		1.5	13.0	7.2	0.320	0.000	80	0.45	0.6	850	0.8	1.33	0.0	250
741213		4.5	11.2	7.2	0.320	0.010	160	0.95	0.8	833				
741107		11.0	7.7	6.9	0.710	0.010	470	0.95	8.0	617	1.2	1.05	0.1	200
741010		12.0	6.8	7.3	1.100	0.005	2900	1.20	1.8	1050	0.9	0.18	0.0	355

BF 01 HURRICANE CREEK
TOWNSHIP ROAD BRIDGE 4 MI WEST NORTHWEST OF HERRIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770415	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	13
770107	0.001	0.2	0.3	0.010	0.00	0.00	0.00	0.00	0.0	0.1	0.01	0.000	0.4	27
761019	0.005	0.0	0.3	0.000	0.00	0.02	0.01	0.00	0.0	0.0	0.00	0.000	0.2	20
760721	0.000	0.0	0.2	0.000	0.00	0.07	0.06	0.00	0.0	0.0	0.00	0.000	0.4	15
760415	0.000	0.0	0.3	0.000	0.00	0.00	0.03	0.02	0.0	0.0	0.00	0.000	0.5	20
760106	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.03	0.0	0.0	0.00	0.000	0.4	18
751009	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.6	21
750728	0.001	0.0	0.4	0.000	0.00	0.00	0.00	0.03	0.0	0.0	0.00	0.000	0.6	29
750415	0.000	0.0	0.4	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.4	24
750122	0.001	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.1	0.00	0.000	0.2	20
741107	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.04	0.0	0.0	0.00	0.000	0.3	18
741010	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.4	28

MF 01 HURRICANE CREEK
TOWNSHIP ROAD BRIDGE 4 MI WEST NORTHWEST OF HERRIN --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770415			0.00	0.000				520	130	
770207							1140			
770107			0.00	0.000			1150			
761207							1720			
761118							1170			
761019			0.02	0.005			1240			
760721			0.07	0.000						
760415			0.00	0.010		0.10				
760106				0.010		0.20				
751009				0.010		0.20				
750728				0.000		0.70				
750415				0.000		0.50				
750122				0.000		0.20				
741213						0.40				
741107				0.004		0.70				
741010				0.000		0.50				

MG 01 POND CREEK
ROUTE 148 BRIDGE 3 MI WEST NORTHWEST OF HERRIN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770908		23.0	11.1	7.5	0.070		240	0.10	0.3	1317				
770823		22.0	7.5	7.5	0.100	0.008	200	0.30	0.6	950	0.1	1.75	0.0	255
770713		26.0	15.9	7.2	0.090		900	0.15	0.5	1067				
770617		23.5	7.4	7.5	0.080		90	0.15	0.1					
770525		19.5	5.8	6.9	0.080	0.000	460	0.40	0.3	833	5.5	2.18	0.1	380
770415		16.0	7.3	7.2	0.150		10	0.10	0.5		1.0	3.20	0.0	800
770302		3.0	10.2	7.4	0.250		70	2.20	0.3	1833				
770107			8.9	7.3	0.150		0	1.20	0.4					
761207		0.0	11.2	7.3	0.100		0	0.55	0.3					
761118		3.0		7.3	0.050	0.005	0	0.15	0.2		0.8	1.30	0.0	900
761019		9.0	5.7	7.2	0.200		0	0.00	0.0					
760909		21.0	7.3	7.3	0.200		620	0.05	0.4					
760827		23.0	7.1	7.2	0.050	0.015	170	0.10	0.2		1.8	1.35	0.1	
760721		24.0	6.8	5.0	0.070		0	0.20	0.2					
760617		22.0	13.1	7.2	0.500		70	0.10	0.2					
760526		17.0	6.8	7.3	0.150	0.005	150	0.10	0.5		1.6	2.45	0.1	1150
760415		20.0	9.6	7.4	0.150		40	0.00	0.3					
760318		8.0	12.3	7.3	0.050		30	0.00	0.3	1500				
760206		0.0	13.2	7.0	0.040	0.000	10	0.80	0.4		0.8	2.17	0.2	700
760106		0.5	12.3	7.1	0.110		420	0.65	0.5	950				
751209		5.0	10.5	7.2	0.280		450	0.50	0.7	983				
751121		7.0	10.6	6.5	0.050	0.010	80	0.10	0.5		0.8	1.80	0.1	800
751009		15.5	7.0	7.3	0.050		120	0.05	0.2					
750923		15.0	8.7	7.3	0.070		890	0.20	0.6					
750820		25.0	7.3	6.8	0.070	0.036	30	0.35	0.4	1317	1.0	4.10	0.0	500
750728		26.5	10.3	7.7	0.100		30	0.05	0.1	1383				
750617		24.0	6.3	7.0	0.060		160	0.09	0.7					
750508		17.0	7.3	6.3	0.100	0.003	620	0.14	6.6	317	1.2	0.25	0.0	62
750415		13.0	9.5	7.1	0.060		70	0.00	0.2	1317				
750320		10.5	9.3	7.0	0.100		410	0.13	0.4	483				
750225		4.0	11.4	9.3	0.240	0.000	790	0.20	6.4	333	4.3	0.35	0.0	90
750127		4.5	12.8	7.2	0.030		0	0.22	0.4	1133				
741213		5.0	12.0	7.2	0.070	0.005	130	0.24	0.4	917				
741107		10.5	5.5	7.1	0.220	0.015	590	0.10	0.6	467	3.0	0.53	0.0	165
741010		13.5	8.2	7.0	0.070	0.005	200	0.06	0.5					

MG 01 POND CREEK
ROUTE 148 BRIDGE 3 MI WEST NORTHWEST OF HERRIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SELE-NIUM (MG/L)	SILVER (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770823	0.001	0.0	0.5	0.000	0.00	0.00	0.03	0.02	0.0	0.0	0.00	0.000	0.3	70
770525	0.000	0.0	0.6	0.000	0.00	0.00	0.00	0.01	0.2	0.0	0.00	0.000	0.3	26
770415		0.1	0.6	0.000	0.00		0.00	0.00		0.0		0.000	0.3	42
761118	0.000	0.1	0.8	0.000	0.00	0.06	0.00	0.03	0.0	0.1	0.00	0.000	0.6	50
760827	0.002	0.0	0.7	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000		
760526	0.000	0.0	0.5	0.000	0.00	0.00	0.03	0.00	0.2	0.0	0.00	0.000	0.7	45
760206	0.000	0.0	0.4	0.010	0.00	0.00	0.00	0.00	0.0	0.1	0.00	0.000	0.4	95
751121	0.000	0.2	1.0	0.010	0.00	0.00	0.02	0.01	0.0	0.1	0.00	0.000	0.8	62
750820	0.000	0.0	0.4	0.020	0.00	0.00	0.00	0.01	0.7	0.0	0.00	0.000	0.5	28
750508	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	21
750225	0.000	0.0	0.5	0.000	0.00	0.00	0.00	0.01	0.2	0.0	0.00	0.000	0.2	15
741107	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.3	15

MG 01 POND CREEK
ROUTE 148 BRIDGE 3 MI WEST NORTHWEST OF HERRIN --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770823			0.00	0.000						
770617							2230			
770525			0.00	0.010						
770415			0.00				1280	720	64	
770107							2150			
761207							1840			
761118			0.06	0.000			1840			
761019							1830			
760907							1720			
760827			0.00				1950			
760721							2160			
760617							1930			
760526			0.00	0.020		0.20	1900			
760415							1540			
760206				0.020		0.20	1200			
751121				0.010		0.20	2090			
751009							2290			
750923							1500			
750820				0.000		0.30				
750617							2480			
750508				0.000		0.50				
750225				0.000		0.20	200			22
741213						0.30				
741107				0.005		0.30				
741010						0.30	1960			

MG 02 POND CREEK
ROUTE 37 BRIDGE AT SOUTH EDGE OF WEST FRANKFORT
LAB: HARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770622		23.0	3.6	7.7	3.400	0.015	180	21.00	0.2		0.8	3.20	0.0	110
770524		16.5	5.4	7.1	0.800		74000	0.15	5.0	333				
770427		10.0	8.2	7.3	0.070		190	0.15	0.1	667				
770316		8.0	9.0	7.0	0.080	0.010	60	0.20	0.1	567	1.0	0.60	0.0	170
770216			9.5	6.9	0.040		10	0.10	1.6	700				
761215			2.4	7.0	0.500	0.010	220	0.60	0.0		4.3	3.50	0.0	580
761123		0.5	0.7	7.2	0.400		30	0.10	1.8					
761028		3.5	7.1	7.0	0.160		7900	0.40	0.0	767				
760907		16.5	6.8	7.4	0.100	0.004	20	0.10	0.1	833	0.5	0.37	0.0	200
760805		20.0	6.6	7.1	0.200		430	0.25	0.0	500				
760707		21.0	7.4	7.3	0.150		230	0.15	0.3	450				

KG 02 POND CREEK
ROUTE 37 BRIDGE AT SOUTH EDGE OF WEST FRANKFORT --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
760611		21.0	6.1	7.4	0.050	0.010	300	0.15	0.3	967	1.2	1.23	0.0	315
760518		13.5	9.1	7.3	0.100		1400	0.20	0.5	633				
760406		11.0	10.5	7.4	0.050		100	0.00	0.7	833				
760309		8.5	11.9	7.0	0.050	0.000	420	0.15	0.2	683	1.0	0.85	0.1	250
760204		0.0	13.3	7.2	0.180		3700	0.35	0.7	933				
751209		4.0	11.2	7.3	0.150	0.011	630	0.50	0.5	567	2.1	0.72	0.0	150
751121		5.0	6.8	7.3	0.050		30	0.15	0.1					
751009		16.0	6.3	7.1	0.060		440	0.05	0.0					
750925		14.0	7.8	7.0	0.110	0.002	220	0.25	0.1	550	1.9	0.65	0.0	120
750820		25.0	6.6	6.5	0.150		540	0.50	0.3	483				
750722		26.5	4.9	6.8	0.090		330	0.10	0.0	433				
750623		28.0	4.3	6.5	0.040	0.007	390	0.20	2.8	833	0.7	1.68	0.0	220
750528		21.5	7.6	7.2	0.050		210	0.21	0.2	900				
750424		17.0	8.3	6.6	0.750		4000	0.93	1.2	158				
750326		9.0	13.0	6.2	0.070	0.007	30	0.06	7.3	450	2.9	0.80	0.0	190
750220		5.5	13.0	7.5	0.120		4300	0.50	0.2	933				
750129		10.5	11.0	7.3	0.030		10	0.13	0.2	850				
750102		4.5		7.1	0.250		8300	0.35	0.7	400				
741219		3.5	12.8	7.3	0.130	0.005	830	0.14	1.4	567	2.6	0.61	0.0	190
741031		19.0	1.7	7.2	0.130	0.010	30	0.05	0.3	1050				
741002		10.0	9.6	7.0	0.340	0.005	650	0.05	0.2	450				

KG 02 POND CREEK
ROUTE 37 BRIDGE AT SOUTH EDGE OF WEST FRANKFORT --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770622	0.005	0.1	0.8	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.6	330
770316	0.000	0.1	0.2	0.000	0.00		0.00	0.00	0.0	0.0	0.00	0.000	0.1	28
761215	0.002	0.1	0.4	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	175
760907	0.002	0.0	0.1	0.000	0.00	0.02	0.00	0.00	0.0	0.0	0.00	0.000	0.1	90
760611	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.3	95
760309	0.000	0.0	0.1	0.000	0.00	0.05	0.03	0.00	0.0	0.0	0.00	0.000	0.2	33
751209	0.002	0.0	0.4	0.010	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.0	30
750925	0.000	0.0	0.1	0.010	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	43
750623	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.3	70
750326	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	40
741219		0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0		0.000	0.1	25

KG 02 POND CREEK
ROUTE 37 BRIDGE AT SOUTH EDGE OF WEST FRANKFORT --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770622			0.00	0.000			1000			
770316			0.00	0.000						
761215			0.00	0.000			1270			
761123							1030			
760907			0.02	0.010						
760611			0.00	0.005						
760518		47								
760309			0.05	0.010		0.20				
751209				0.000		0.20				
751121							1240			
751009							1220			
750925				0.010		0.20				
750623				0.000		0.40				
750326				0.000		0.50				
741219				0.000		0.20				
741031						0.30				
741002						0.30				

NGA 01 LAKE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH 2 MI EAST OF HERRIN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770617		23.0	9.0	7.8	0.050		280	0.05	0.1					
770525		20.5	9.4	7.1	0.060		850	0.40	0.2	2333				
770415		15.0	8.3	7.3	0.550	0.000	90	0.70	2.5		1.3	3.34	0.1	750
770302		1.5	10.5	7.2	0.100		1400	1.40	0.5	1667				
770207			2.7	7.3	0.920		8100	5.40	0.1					
770107			12.7	7.3	0.770	0.005	5600	4.50	0.4		1.2	3.40	0.1	1050
761207			9.7	7.9	0.200		200	0.65	0.6	1283				
761118		1.5	9.8	7.8	0.100		40	0.60	1.0					
761019		8.0	8.9	7.5	0.000	0.008	60	0.00	0.3		0.1	0.84	0.1	1200
760909		21.0	7.5	7.5	0.250		2500	0.00	0.8					
760827		22.0	7.1	7.5	0.300		500	0.20	0.4					
760721		24.5	7.3	6.9	0.050	0.005	410	0.15	0.5		0.4	4.40	0.1	1550
760617		20.5	11.7	7.3	3.000		390	0.20	0.4					
760526		16.5	7.8	7.5	0.250		300	0.15	0.7					
760415		20.0	11.3	7.4	0.100	0.005	10	0.10	0.7		0.9	3.40	0.2	1150
760318		8.0	11.8	7.2	0.050		20	0.20	0.9	1450				
760206		0.0	13.2	6.9	0.200		60	0.90	0.4					
760106		0.5	14.3	7.1	0.290	0.008	200	0.90	0.4	1483	2.8	2.55	0.2	850
751209		5.0	12.6	7.3	0.850		300	0.70	0.5	1317				
751121		5.5	12.8	7.0	0.060		220	0.25	0.9					
751009		15.0	7.7	7.2	0.020	0.005	600	0.15	0.7		0.2	6.20	0.0	1400
750820		25.5	7.5	6.9	0.060		270	0.25	0.5					
750728		26.0	8.6	7.8	0.040	0.006	200	0.10	0.4		0.7	5.25	0.1	1260
750617		23.0	8.2	7.6	0.090		550	0.23	1.2					
750508		16.5	7.2	7.2	0.700		180000	0.29	0.6	617				
750415		13.0	13.8	6.7	0.070	0.010	0	0.05	5.7	1317	0.6	2.30	0.0	600
750320		11.5	12.4	7.2	0.100		350	0.08	0.2	567				
750225		5.0	11.7	6.9	0.210		840	0.20	0.5	550				
750122		1.5	14.4	7.3	0.100	0.000	140	0.76	0.4	1383	1.3	2.40	0.1	500
741213		5.5	12.5	7.4	0.180	0.010	450	0.55	0.5	1017				
741107		11.0	9.1	7.1	0.300	0.010	1100	0.35	0.7	1167				
741010		15.0	13.7	7.1	0.090	0.005	670	0.05	7.0		0.6	2.20	0.0	1400

NGA 01 LAKE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH 2 MI EAST OF HERRIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770415	0.000	0.1	0.8	0.000	0.00	0.00	0.00	0.00	0.0	0.1	0.00	0.000	0.2	39
770107	0.000	0.2	0.5	0.002	0.00	0.05	0.00	0.01	0.0	0.0	0.00	0.000	0.3	43
761019	0.002	0.0	0.4	0.010	0.00	0.00	0.00	0.00	0.0	0.1	0.00	0.000	0.3	23
760721	0.000	0.0	0.3	0.010	0.00	0.12	0.05	0.00	0.0	0.1	0.00	0.000	0.5	22
760415	0.000	0.0	0.2	0.000	0.00	0.00	0.03	0.09	0.1	0.1	0.00	0.000	0.3	20
760106	0.000	0.0	0.2	0.020	0.00	0.00	0.00	0.01	0.0	0.2	0.00	0.000	0.3	40
751009	0.000	0.0	0.5	0.010	0.00	0.00	0.00	0.00	0.0	0.1	0.00	0.000	0.6	23
750728	0.000	0.0	0.3	0.000	0.00	0.00	0.02	0.04	0.2	0.1	0.00	0.000	0.6	20
750415	0.000	0.0	0.3	0.020	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	22
750122	0.000	0.0	0.3	0.000			0.00	0.00	0.0	0.1	0.00	0.000	0.2	35
741010	0.000	0.0	0.4	0.012	0.00	0.00	0.00	0.00	0.0	0.1	0.00	0.000	0.3	68

NGA 01 LAKE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH 2 MI EAST OF HERRIN --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770617							2380			
770525							2210			
770415			0.00	0.000			1520	850	38	
770207							1540			
770107			0.05	0.000			1790			

WGA 01 LAKE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH 2 MI EAST OF HERRIS --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
761118							2240			
761019			0.00	0.005			2510			
760909							1780			
760827							1930			
760721			0.12	0.000			2300			
760617							1700			
760526							2140			
760415			0.00	0.010		0.10	1630			
760206							1300			
760106				0.000		0.20				
751121							2420			
751009				0.010		0.10	2500			
750820							1850			
750728						0.10	2550			
750617							1860			
750415				0.000		0.50				
750122			0.02	0.000		0.10				
741213						0.30				
741107						0.30				
741010				0.000		0.60	2230			

WH 05 MIDDLE FORK BIG MUDDY RIVER
ROUTE 57 BRIDGE 1 MI NORTH OF WEST FRANKFORT
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770622		25.0	2.8	7.6	5.600		120	8.70	1.0	900				
770524		19.0	1.9	7.3	2.000	0.007	36000	0.05	1.1	600	3.6	0.88	0.1	128
770427		11.5	8.3	7.1	0.110		370	0.20	0.2	533				
770316		9.5	6.5	6.8	0.250		150	0.25	0.2	350				
770216			10.0	7.0	6.300	0.005	670	0.45	1.7	533	2.8	1.20	0.0	175
761215		0.5	13.4	7.2	1.500		300	3.10	0.9	800				
761123		1.0	6.2	7.2	2.600	0.010	30	3.70	1.3	717	0.4	0.57	0.0	160
761028		6.0	6.0	7.1	1.700		50	1.60	0.9	517				
760907		20.5	3.7	7.4	0.200		110	5.00	4.8	933				
760805		22.0	6.4	7.0	0.450	0.010	1300	0.35	0.5	383	4.6	1.40	0.1	88
760707		24.0	6.0	7.1	0.550		700	0.45	0.5	517				
760611		23.5	4.3	7.1	0.550		350	0.65	0.9	667				
760518		14.5	7.0	7.3	0.150	0.010	390	0.20	0.3	767	1.7	0.85	0.0	250
760406		14.0	7.4	7.2	0.350		180	0.10	1.0	700				
760309		9.5	8.6	7.0	0.400		220	0.50	0.4	633				
760204		0.0	14.2	7.3	0.600	0.005	30	0.95	0.7	900	0.9	0.75	0.1	260
760102		4.0		6.9	0.200		630	0.20	1.1	317				
751201		4.5	8.6	6.3	0.550		9800	0.15	0.6	350				
751121		8.0	7.4	7.4	4.500	0.015	70	1.90	2.3	717	1.5	1.02	0.0	115
751009		16.5	5.2	7.4	4.900		1500	3.00	4.3	683				
750925		13.5	6.8	7.0	2.400		130	1.60	1.8	585				
750820		25.5	4.3	6.3	0.240	0.006	390	0.40	0.2	267	4.1	1.50	0.0	75
750722		28.5	9.5	7.0	0.050		50	0.11	0.0	1150				
750623		28.5	4.6	7.3	2.350		670	2.50	1.2	700				
750528		24.0	4.1	7.1	1.600	0.008	130	2.70	0.6	710	2.7	1.30	0.0	155
750424		17.0	8.2	6.8	0.360		4700	0.41	1.1	250				
750326		7.0	9.9	7.2	0.190		30	0.22	0.5	400				
750220		5.0	12.6	7.9	0.090	0.005	10	0.20	0.8	867	1.3	0.80	0.0	250
750129		9.0	11.0	7.5	0.110		50	0.22	0.4	817				
741219		3.5	12.0	7.5	0.150	0.005	860	0.13	0.4	800				
741031		19.5	4.1	7.1	3.100	0.005	0	4.50	0.3	833	1.1	2.63	0.0	185
741007		15.5	6.4	7.4	2.100	0.010	2100	3.60	0.1	567				

KB 05 MIDDLE FORK BIG MUDDY RIVER
ROUTE 57 BRIDGE 1 MI NORTH OF WEST FRANKFORT --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)
770524	0.004	0.2	0.5	0.000	0.00	0.00	0.02	0.06	0.0	0.0	0.00	0.000	0.3	34
770216	0.001	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.1	30
761123	0.000	0.0	0.3	0.000	0.00	0.02	0.00	0.00	0.0	0.1	0.00	0.000	0.4	40
760805	0.001	0.0	0.2	0.000	0.00		0.00	0.01	0.0	0.0	0.00	0.000	0.2	20
760518	0.000	0.2	0.1	0.000	0.00	0.00	0.03	0.00	0.1	0.0	0.00	0.000	0.2	43
760204	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	80
751121	0.002	0.0	0.5	0.010	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.5	60
750820	0.001	0.0	0.1	0.015	0.00	0.00	0.00	0.02	0.6	0.0	0.00	0.000	0.1	11
750528	0.002	0.0	0.3	0.000	0.00	0.00	0.00	0.02	0.0	0.0	0.00	0.000	0.4	56
750220	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	50
741031	0.000	0.0	0.2	0.000	0.00	0.00	0.00	0.03	0.0	0.0	0.00	0.000	0.4	56

KB 05 MIDDLE FORK BIG MUDDY RIVER
ROUTE 57 BRIDGE 1 MI NORTH OF WEST FRANKFORT --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	MBAS (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770524			0.00	0.000						
770216			0.00	0.005						
761123			0.02							
760805			0.00	0.010						
760518			0.00	0.010		0.20				
760204				0.010		0.20				
751121				0.010		0.40				
750820				0.000		0.20				
750528			0.00	0.000		0.40				
750220			0.00	0.000		0.20				
741219						0.20				
741031				0.000		0.70				
741007						0.50				

NJ 07 CASEY FORK BIG MUDDY RIVER
ROUTE 37 BRIDGE 3 MI SOUTH OF MOUNT VERNON
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770907		24.5	3.2	7.6	0.950	0.005	170	1.40	0.8	667	0.7	0.58	0.0	105
770811		23.5	5.2	7.4	0.750		6500	0.80	0.6	317				
770727			4.2	7.5	3.000		2700	4.50	0.4	633				
770705		26.0	6.8	8.3	3.900		680	2.60	0.6	750	1.0	1.05	0.0	95
770606		23.5	6.2	7.6	5.100	0.007	130	4.00	1.5	1050	1.8	0.83	0.0	155
770505		20.0	4.5	7.5	1.820		2200	2.30	1.3	800				
770414		20.5	8.0	8.2	0.900		280	0.20	1.2	733	1.0	0.48	0.0	100
770302		4.0	11.6	7.4	0.400	0.010	800	1.40	0.7	683	1.6	0.44	0.0	225
770105			15.5	7.4	7.000		0	17.00	2.7					
761220		1.0	16.4	7.5	6.000	0.004	50	8.70	1.2	1067	0.8	0.85	0.1	175
761104		4.0	4.1	7.4	3.200		30	3.20	1.0	767				
761006		15.5	4.5	7.3	3.500		300	3.10	1.8	933				
760909		19.0	5.0	7.1	2.500	0.010	90000	1.40	1.7	400	9.5	0.60	0.0	50
760809		20.5	6.1	7.4	3.000		460	2.00	1.0	817				
760708		24.5	4.0	7.5	4.000		660	5.90	0.8	767				
760616		24.5	4.3	7.3	4.000	0.020	76000	1.80	0.4	650	1.6	0.55	0.1	100
760510		13.5	3.5	7.3	8.500		40	1.90	1.7	883				
760401		10.0	9.8	7.6	0.550		2300	0.50	0.4	617				
760318		5.5	12.0	7.5	0.700	0.010	20	0.70	1.3	1183	0.8	0.40	0.0	180
760224		6.5	11.1	7.2	0.600		380	0.85	1.0	633				
760126		0.0	13.2	7.5	0.500		1500	0.75	1.2	600				
751203		2.0	10.0	7.4	1.300	0.005	3700	2.00	1.1	483	2.0	0.57	0.0	130
751103		14.5	4.7	7.1	7.000		300	6.40	0.6	767				
751009		16.0	6.0	7.5	5.500		200	4.30	2.0	683				

NJ 07 CASEY FORK BIG MUDDY RIVER
ROUTE 37 BRIDGE 3 MI SOUTH OF MOUNT VERNON --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
750910		21.0	4.6	7.2	4.400		0	3.00	1.3	667	0.8	0.60	0.0	87
750807		24.0	4.1	7.1	3.600		130	4.80	0.8	733				
750707		23.5	4.2	6.8	1.050	0.006	6500	1.20	0.9	383	4.2	0.98	0.0	67
750618		23.0	9.2	7.5	1.950	0.010	560	1.10	2.0	783	1.4	0.85	0.0	135
750513		18.0	8.0	7.2	0.400		3100	0.47	0.4	433				
750414		9.5	9.7	7.6	0.610		60	0.00	0.6	517				
750317		3.0	11.0	6.6	0.230	0.000	2300	0.30	0.4	483	2.0	0.30	0.0	150
750213		0.0	13.4	8.0	0.450		230	0.46	1.0	583				
750127		0.5	12.6	7.4	0.490		50	0.48	1.0	633				
741204		1.5	13.2	7.6	0.730	0.005	180	0.89	1.0	767	0.7	0.24	0.0	160
741031		17.0	7.3	7.4	5.000	0.005	100	4.80	1.1	1300				
741003		10.5	7.7	7.2	2.300	0.005	440	2.00	2.9	550				

NJ 07 CASEY FORK BIG MUDDY RIVER
ROUTE 37 BRIDGE 3 MI SOUTH OF MOUNT VERNON --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770907	0.002	0.0	0.4	0.000	0.00	0.04	0.02	0.00	0.0	0.0	0.00	0.000	0.5	68
770705	0.003			0.050			0.00	0.01	0.0					
770606	0.003	0.0	1.1	0.580	0.00	0.00	0.00	0.02	0.2	0.0	0.00	0.000	1.7	120
770414	0.000	0.1	0.6	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.3	57
770302	0.003	0.0	0.4	0.000	0.03	0.02	0.01	0.01	0.0	0.0	0.01	0.000	0.2	48
761220	0.001	0.0	0.8	0.000		0.03	0.03	0.03	0.0	0.0	0.00	0.000	1.4	133
760909	0.008	0.0	0.2	0.000	0.00	0.05	0.05	0.05	0.0	0.0	0.00	0.000	0.9	43
760616	0.004	0.0	0.5	0.020	0.00	0.02	0.20	0.04	0.0	0.0	0.00	0.000	0.9	60
760318	0.000	0.0	0.3	0.000	0.00	0.04	0.03	0.02	0.0	0.0	0.00	0.000	0.4	40
751203	0.000	0.0	0.5	0.000	0.00	0.00	0.00	0.01	0.1	0.0	0.00	0.000	0.6	41
750910	0.005	0.0	1.8	0.010	0.00	0.00	0.08	0.00	0.0	0.0	0.00	0.000	1.4	70
750707	0.002	0.1	0.3	0.010	0.00	0.00	0.02	0.03	0.0	0.0	0.00	0.000	0.5	25
750618	0.001	0.0	0.5	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	1.1	72
750317	0.000	0.0	0.2	0.010	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	25
741204	0.000	0.0	0.2	0.000			0.00	0.00	0.0	0.0	0.00	0.000	0.3	40

NJ 07 CASEY FORK BIG MUDDY RIVER
ROUTE 37 BRIDGE 3 MI SOUTH OF MOUNT VERNON --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	ABAS (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770907			0.04	0.002						
770705	160		0.05						114	0
770606			0.00	0.000						
770414			0.00					250	90	
770302			0.05	0.010						
770105							950			
761220				0.000						
760909			0.05	0.010						
760616			0.02	0.025						
760318			0.04	0.010		0.40				
751203				0.010		0.20				
750910				0.000		0.70				
750707				0.000		0.40				
750618			0.00	0.000		0.70				
750317				0.000		0.30				
741204			0.01	0.000		0.40				
741031						0.90				
741003						0.90				

BK 01 BAYSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH OF WALTONVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	SULFATE (SO4) (MG/L)
770906			7.0	7.6	0.070		320	0.05	0.1	767				
770811		23.0	6.2	7.0	0.150		12000	0.15	0.5	217				
770727		24.5	6.3	7.4	0.100	0.013	150	0.15	0.5	1133	1.2	0.75	0.0	35
770705		29.0	7.8	7.8	0.070		1700	0.25	0.6	967	1.5	1.57	0.0	132
770606		24.0	10.4	7.9	0.090		50	0.95	0.1	667				
770505		22.0	8.4	7.7	0.100		50	0.15	0.0	1233				
770414		20.5	8.9	7.9	0.100	0.000	110	0.00	0.0	1117	0.7	0.38	0.0	125
770302		4.0	12.5	7.5	0.100		110	0.15	0.8	900				
770223		3.0	11.3	7.2	0.100	0.010	10	0.30	0.7	983	1.0	1.33	0.0	135
761222		0.5	1.8	7.1	1.200		730	0.05	0.0	1467				
761104		3.5	3.1	7.2	0.300		80	0.00	0.0	483				
761006		14.5	3.3	7.1	0.200	0.010	1700	0.15	0.2	283	3.3	0.97	0.0	20
760909		14.5	5.0	7.3	0.450		250000	0.25	0.3	400				
760809		21.5	5.5	7.4	0.300		720	0.00	0.3	400				
760708		26.0	5.2	7.6	0.100	0.020	170	0.10	0.2		0.5	1.05	0.0	225
760616		23.5	3.8	7.3	0.100		1200	0.20	0.1	1083				
760510		15.5	7.3	7.8	0.100		390	0.10	0.0	1500				
760401		13.0	9.3	7.5	0.200	0.010	730	0.15	0.2	700	2.6	0.35	0.0	160
760318		8.0	13.1	7.8	0.050		130	0.00	0.0					
760224		6.0	11.0	7.2	0.150		380	0.25	0.8	800				
760113		1.0	13.0	7.3	1.500	0.004	1000	0.40	1.0	1333	12.5	1.55	0.1	230
751203		3.0	10.3	7.4	0.430		5600	0.25	0.8	750				
751120		14.0	3.2	6.8	0.730		50	0.05	0.0	633				
751009		15.0	2.6	7.1	0.100	0.015	600	0.00	0.1		1.2	1.67	0.0	58
750910		23.0	4.9	7.0	0.120		130	0.25	0.3	517				
750807		23.5	5.5	7.1	0.120		2300	0.30	0.1	300				
750707		24.5	4.2	6.9	0.240		4800	0.50	0.6	583				
750618		23.5	6.6	7.6	0.080		470	0.07	0.2	1150				
750513		18.0	8.1	7.4	0.300		8500	0.32	0.5	467				
750414		9.5	10.8	7.8	0.060	0.005	190	0.00	0.0	1117	0.8	0.30	0.0	235
750317		2.0	11.3	7.3	0.080		280	0.09	0.5	667				
750205		5.0	11.7	7.5	0.170		380	0.10	0.9	817				
750127		0.0	13.9	7.8	0.080	0.000	100	0.14	0.9	1300	0.7	0.38	0.0	270
741204		1.0	13.2	8.0	0.070	0.005	640	0.00	0.4	1300				
741031		18.0	0.9	7.1	0.700	0.035	520	0.00	0.0	642				
741003		10.5	7.7	7.2	0.160	0.010	920	0.12	0.5	500	1.6	0.29	0.0	70

BK C1 BAYSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH OF WALTONVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)
770727	0.001	0.2	0.4	0.000	0.00	0.00	0.07	0.00	0.0	0.0	0.00	0.000	0.2	330
770705								0.00	0.0					
770414	0.000	0.1	0.2	0.010	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	180
770223	0.000	0.0	0.3	0.020	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.1	190
761006	0.002	0.0	0.2	0.020	0.00	0.05	0.00	0.01	0.1	0.0	0.00	0.000	0.2	20
760708	0.000	0.1	0.1	0.000	0.00	0.00	0.05	0.00	0.0	0.0	0.00	0.000	0.2	500
760401	0.000	0.0	0.2	0.000	0.00	0.00	0.05	0.01	0.1	0.0	0.00	0.000	0.2	78
760113	0.000	0.4	0.5	0.000	0.00	0.03	0.03	0.04	0.2	0.0	0.00	0.000	0.2	370
751009	0.001	0.2	0.2	0.020	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	650
750414	0.000	0.0	0.1	0.000	0.00	0.00	0.00	0.00	0.0	0.0	0.00	0.000	0.2	142
750127	0.000	0.0	0.1	0.005	0.00	0.00	0.00	0.01	0.0	0.1	0.00	0.000	0.1	165
741003	0.000	0.0	0.3	0.000	0.00	0.00	0.00	0.01	0.0	0.0	0.00	0.000	0.2	67

WR C1 RAISI CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH OF WALTONVILLE --CONTINUED

DATE	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	CHROM-IUM (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	ARSENIC (MG/L)	IRON (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
770727			0.00	0.000						
770705	47								82	0
770414			0.00	0.000				340	100	
770223			0.00	0.000				230	50	
761006			0.05	0.005						
760708			0.00	0.010			1125			
760401			0.00	0.020		0.20				
760113				0.010		0.40				
751009				0.000		0.30	1040			
750414				0.000		0.30				
750127				0.000						
741209						0.30				
741031						0.40				
741003				0.000		0.30				

0 01 KASKASKIA RIVER
ROUTE 3 BRIDGE AT EVANSVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770914		20.5	6.5	7.6	0.150		20	0.15	0.4	383				
770809		25.0	6.6	8.2	0.100	0.000	2100	0.25	0.2	467	0.6	0.18	31	48
770713		30.5	8.7	7.6	0.120		140	0.05	0.4	417				
770608		23.0	7.9	8.1	0.120		0	0.20	0.1	517				
770511		20.5	6.4	7.6	0.520	0.000	400	0.35	0.4	417	6.0	0.17	28	60
770407		10.0	8.2	7.7	0.250			0.15	0.4	417				
770303		4.0	10.3	7.5	0.750		240	0.70	0.8	358	10.0	0.40	29	70
770217		0.0	9.0	7.4	0.900		1100	1.30	1.2	350				
761215		2.0		8.1	0.100		0	0.05	0.4	600				
761101		8.0	9.9	7.8	0.160	0.030	470	0.10	0.6	633	0.8	0.40	30	80
761013		18.5	7.7	7.8	0.100		300	0.15	0.3	617				
760922		22.0	5.3	7.6	0.100		0	0.15	0.3	483				
760819		23.0	5.5	7.4	0.170	0.011	20	0.10	0.5	417	1.5	0.25	25	65
760814		23.0	6.7	8.0	0.110	0.007	60	0.30	0.2	467	0.7	0.14	23	63
760714		29.0	8.3	8.1	0.100		20	0.00	0.0	583				
760623		23.0	5.5	7.8	0.150		860	0.35	0.5	567				
760517		16.0	9.1	8.3	0.150	0.010	0	0.10	0.6	633	0.3	0.30	35	80
760407		14.5	9.9	8.0	0.200		10	0.00	3.2	517				
760304		13.0	11.2	8.3	0.200		10	0.20	2.2	600				
760217		11.5	11.7	8.4	0.200	0.000	10	1.35	1.6	567	0.8	0.33	70	55
760128		0.0	14.6	8.0	0.280		70	0.35	1.5	683				
751211		3.5	12.3	8.2	0.290		70	0.00	0.7	467				
751105		16.5	11.3	8.3	0.150	0.004	20	0.20	0.3	483	0.7	0.35	25	55
751014		19.5	8.9	8.0	0.140		100	0.25	0.2	467				
750918		20.5	6.2	7.8	0.180		4400	0.25	1.4	433				
750709		24.0	4.3	7.2	0.510		920	0.40	1.4	295				
750604		21.0	7.2	7.7	0.200		300	0.23	1.5	467				
750505		18.5	6.7	7.6	0.160	0.005	210	0.32	1.6	383	4.8	0.20	21	65
750409		9.5	11.5	7.9	0.260		20	0.14	2.3	433				
750303		2.0	11.8	7.7	0.280		120	0.09	2.3	333				
750203		4.5	11.7	7.5	0.440	0.005	990	0.37	1.7	333	6.4	0.20	22	55
750116		0.5	13.4	7.5	0.530		1100	0.21	1.1	317				
741218		2.0	13.1	8.1	0.100	0.005	60	0.05	1.1	483				
741030		16.0	9.6	7.6	0.130	0.005		0.05	1.1	367	1.4	0.34	15	35
741001		13.5	8.1	7.9	0.170	0.005	1700	0.05	1.3	367				

0 01 KASKASKIA RIVER
ROUTE 3 BRIDGE AT EVANSVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770809	0.002	0.0	0.3	0.000	0.00	0.02	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
770511	0.000	0.1	0.7	0.000	0.00	0.00	0.005	0.01	0.0	0.0	0.00	0.000	0.1	0.3
770303	0.001	0.2	0.5	0.000	0.00	0.00		0.01	0.0	0.0	0.00	0.000	0.0	0.2
761101	0.001	0.1	0.5	0.000	0.00	0.00	0.010	0.00	0.1	0.0	0.00	0.000	0.0	0.2
760819	0.001	0.1		0.010	0.00	0.02	0.000	0.08	0.0	0.0	0.00	0.000	0.1	0.4
760814	0.000	0.0	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
760517	0.000	0.0	0.5	0.000	0.00	0.05	0.000	0.01	0.0	0.0	0.00	0.000	0.1	0.3
760217	0.000	0.0	0.3	0.020	0.00	0.05	0.010	0.00	0.0	0.0	0.00	0.000	0.1	0.3
751105	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750505	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.00	0.1	0.0	0.00	0.000	0.0	0.3
750203	0.000	0.1	0.5	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.2
741030	0.000	0.0	0.1	0.018	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2

0 01 KASKASKIA RIVER
ROUTE 3 BRIDGE AT EVANSVILLE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	BOD5 (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770809		0.00	0.07							
770511		0.00	0.00							
770303			0.00						130	70
761101		0.02	0.02							
760819		0.03	0.03							
760814		0.00				0.10				
760517		0.00	0.00			0.20				
760217		0.00				0.20				
751105		0.00				0.30				
750505		0.00				0.20				
750203		0.00				0.10				
741218						0.10				
741030		0.00				0.20				
741001						0.20				

0 03 KASKASKIA RIVER
ROUTE 13 BRIDGE AT NEW ATHENS
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770622		22.0	6.3	7.5	0.230		2500	0.20	1.0	650				
770411		22.0	8.7	7.5	0.320		40	0.25	2.6	583	0.9	0.54	25	112
770324		12.0	9.1	7.3	0.440		150	0.25	4.1	600				
761220		2.0		7.7	1.500		1500	0.80	1.6	800				
761116		5.5	9.1	7.4	0.850		40	0.10	1.0	717				
761004			6.9	7.7	0.200		80	0.15	0.3	1000				
760909		20.5	5.7	7.7	0.300		90	0.25	0.1	500				
760712		32.0	8.0	8.0	0.150			0.10	0.0	667				
760621		26.0	14.8	7.7	0.250		170	0.15	0.4	683	1.4	0.90	45	75
760429		14.5	13.2	8.6	0.100		40	0.25	1.8	583				
760211		3.0	11.0	8.0	0.320		110	0.35	0.9	567				
751209			12.6	8.1	0.220		370	0.10	0.7	450				
751120			8.6	8.1	0.420		200	0.00	1.1	567				
750917		20.5	7.6	7.8	0.280		280	0.15	0.7	417				
750822		24.5	8.7	8.4	0.100		100	0.05	0.6	400				
750820		25.5		7.7	0.220		200	0.20	0.8	433				
750619		21.0	7.1	8.1	0.260		230	0.10	1.1	517				
750516		18.0	8.8	7.5	0.350		900	0.27	1.7	367				
750422		8.5	7.4	7.9	0.900		16000	0.35	1.0	517				
750325		1.0	8.9	8.2	0.460	0.000	1100	0.10	0.0	317			7	60
750218		5.0	13.2	7.8	3.200		150	0.20	2.5	483				
750107		6.0	9.3	8.3	0.070		20	0.00	1.1	500				
741210		4.5	13.2	8.2	0.110	0.005	60	0.05	1.2	467	0.7	0.18	24	45
741119			9.8	7.9	0.290	0.005	160	0.10	1.4	417				
741010		13.5	10.0	7.5	0.180	0.005	1400	0.00	0.1	567				

0 03 KASKASKIA RIVER
ROUTE 13 BRIDGE AT NEW ATHENS --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770411		0.0	0.5	0.000	0.00	0.02		0.00		0.0		0.000	0.0	0.3
760621	0.001	0.1	0.2	0.000	0.00	0.03	0.000	0.03	0.1	0.0	0.00	0.000	0.0	0.3
750325			0.0		0.00		0.000							0.2
741210	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2

0 03 KASKASKIA RIVER
ROUTE 13 BRIDGE AT NEW ATHENS --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	BOAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770411			0.00						470	140
760621		0.00								
760429						0.20				170
760211						0.20				115
750917						0.20				120
750325						0.10				
741210		0.00				0.30				
741119						0.30				
741010						0.20				

0 07 KASKASKIA RIVER
ROUTE 127 BRIDGE 3 MI SOUTH OF CARLYLE
LAB: MARION DISCHARGE DATA: 05593000 KASKASKIA RIVER AT CARLYLE, IL
DRAINAGE AREA: 2719 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770922	819	21.0		7.5	0.100		210	0.20	4.9	483				
770829	1010	25.0	9.3	7.9	0.100		60	0.15	0.2	467				
770720	60	30.0	5.4	7.4	0.700		430	0.10	0.7	467				
770506	61	24.5	11.2	7.5	0.180		20	0.25	1.0	467				
770307	1900	9.0	14.4	7.4	0.100		70	0.15	5.6	550				
770216	44	2.0		7.9	0.160		20	0.40	0.1	583				
761012	45	20.0	10.3	7.6	0.260	0.010	460	0.00	0.3	617	1.0	0.32	40	60
760907	49	20.5	8.4	7.8	0.150		60	0.05	0.2	550				
760817	51	26.5	10.2	8.2	0.200		1300	0.10	0.0	550				
760708	27	35.5	8.9	8.0	0.200			0.10	0.3	517	1.2	0.42	35	75
760615	59	29.0	9.5	8.0	0.200		1800	0.05	0.3	533				
760521	60	28.0	11.4	8.2	0.200		80	0.00	1.1	533				
760414	392		16.2	8.1	0.150		270	0.15	2.5	517				
760322	2080	6.0	11.7	7.7	0.200		30	0.20	2.4	433				
760209	1050	2.0	17.0	8.6	0.100		0	0.10	0.8	567				
751203	2120			8.0	0.280		3200	0.20	0.6	450				
751124	948		7.6	7.7	1.450		110	1.90	0.6	983				
750912	435			7.0	0.950		37000	0.15	0.6	250				
750828	670	21.5	5.0	7.0	0.390		43000	0.25	0.4	400				
750617	1140	19.5	4.2	7.9	0.180		40	0.05	1.2	383				
750513	1620	20.5	9.6	7.7	0.100		330	0.06	1.8	350				
750408	6070	5.5	8.3	8.1	0.440	0.000	0	0.08	0.6	333	3.4	0.10	12	65
750306	9330	4.5	11.6	8.0	0.120		160	0.10	0.9	783				
750206	8030	0.0	13.4	7.8	0.170		290	0.30	1.6	517				
750117	8600		14.0	8.1	0.210	0.005	170	0.14	1.5	450	1.9	0.10	30	65
741213	4030		13.7	8.3	0.060	0.010	30	0.00	1.2	400				
741108	1330	10.5	6.1	7.5	0.430	0.020	2600	0.30	0.3	500				
741017	1960	15.0	9.9	8.2	0.080			0.04	1.3	350				

0 07 KASKASKIA RIVER
ROUTE 127 BRIDGE 3 MI SOUTH OF CARLYLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770922	0.003			0.000		0.00	0.009							
770829	0.001			0.000		0.03								
770720	0.002			0.000		0.06								
761012	0.000	0.1	0.2	0.000	0.00	0.00	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.5
760708	0.000	0.0	0.2	0.000		0.04	0.020	0.00	0.0	0.0	0.00	0.000	0.0	0.2
750408	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.01	0.1	0.0	0.00	0.000	0.0	0.3
750117	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2

0 07 KASKASKIA RIVER
ROUTE 127 BRIDGE 3 MI SOUTH OF CARLYLE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770922			0.00							
770829			0.02							
770720			0.00							
761012		0.04	0.04				26			
760708			0.02							
750408		0.00				0.10				
750117		0.00				0.20				
741213						0.30				
741108						0.30				
741017						0.20				

0 08 KASKASKIA RIVER
US 51 BRIDGE AT VANDALIA
LAB: HABION DISCHARGE DATA: 05592500 KASKASKIA RIVER AT VANDALIA, IL
DRAINAGE AREA: 1940 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770919	680	23.0	10.2	8.0	0.180		420	0.05	1.5	467				
770801	466	26.0		8.1	0.200	0.005	3200	0.20	0.3	617	3.5	0.42	80	38
770711	138	26.0	8.7	8.0	0.240		300	0.20	0.3	700				
770613	167	23.5	8.8	7.9	0.310		16000	0.55	0.3	567				
770502	392	18.0	10.2	8.2	0.100	0.007	70	0.20	1.2	800	0.8	0.23	100	58
770405	1790	13.0	10.2	8.1	0.150		70	0.05	0.9	600				
770322	1240	8.0	15.5	8.2	0.170		60	0.10	0.5	667				
770214	1920	0.0	12.7	7.6	0.620		1500	0.90	1.2	367				
761220	21	0.5	26.7	8.1	0.250		120	0.40	0.2	900				
761117	36	1.5	12.3	7.9	0.150		7900	0.35	0.4	833				
761005	32	18.5	8.1	8.1	0.300		690	0.35	0.1	717				
760914	29	21.0	9.1	8.2	0.400		8400	0.40	0.2	650				
760816	128	24.0	7.5	7.8	0.320		400	0.20	0.3	600				
760707	45	25.0	6.6	8.1	0.350		220	0.15	0.2	700				
760602	181	20.0	10.1	8.3	0.150			0.05	0.1	967				
760502	309	11.0	13.3	8.5	0.110		0	0.10	2.0	742				
760407	1140	19.0	11.2	8.1	0.200		1200	0.05	4.7	633				
760209	1180	8.5	13.0	8.0	0.410	0.007	360	0.65	2.1	600	2.6	0.25	65	65
751030	846	18.0		7.5	0.020		470	0.20	0.0	300				
750925		19.0	8.4	7.9	0.110		720	0.00	0.5	533				
750826	434	23.5	8.3	8.0	0.270	0.005	2200	0.10	0.7	517	0.3	0.03	21	35
750624	1670	21.0	5.5	6.9	0.640		1700	0.40	1.3	167				
750416	1170	9.5	12.6	8.7	0.150		0	0.03	2.5	383				
750312	5810	3.5	12.0	7.4	0.580		2200	0.40	1.3	200				
750220	2770	4.5		7.1	0.160		60	0.20	5.0	550				
750121	3930	3.0	14.9	8.3	0.110		30	0.00	4.0	667				
741212	1300	5.5	12.0	8.2	0.250	0.010	260	0.00	1.9	450				
741125	828	8.0	8.7	7.8	1.200	0.005	200	0.91	2.1	1067	0.2	0.33	75	190
741024	1850	12.0	16.4	7.7	0.080	0.000	10	0.02	1.4	333				

0 08 KASKASKIA RIVER
US 51 BRIDGE AT VANDALIA --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770801	0.001	0.2	0.2	0.000	0.00	0.03	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.2
770502	0.000	0.0	0.8	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
760209	0.002	0.0	0.2	0.020	0.00	0.02	0.040	0.02	0.0	0.0	0.00	0.000	0.0	0.2
750826	0.000	0.0	0.1	0.000	0.00	0.00	0.010	0.00	0.0	0.0	0.00	0.000	0.0	0.2
741125	0.000	0.0	0.4	0.009	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.3

0 08 KASKASKIA RIVER
US 51 BRIDGE AT VANDALIA --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770801		0.00	0.00							
770502		0.00	0.00							
760209		0.00				0.40				
750826		0.00				0.20				
741212						0.30				
741125		0.00				0.40				
741024						0.20				

0 10 KASKASKIA RIVER
ROUTE 128 BRIDGE 2 MI SOUTHEAST OF COWDEN
LAB: CHAMPAIGN DISCHARGE DATA: 05592100 KASKASKIA RIVER NEAR COWDEN, IL
DRAINAGE AREA: 1330 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770914	300	20.0			0.290			0.00	1.0					
770825	770	22.0	7.8	8.1	0.110		120	0.10	1.7	433				
770718	70	30.0	8.6	8.4	0.100		90	0.00	0.8	533				
770629	350	22.0			0.320				2.4					
770601	563	20.0			0.060									
770504	100	21.0			0.130									
770330	2950	12.0			0.080				1.6		1.3	0.23	20	48
770315	127	13.5	9.0	8.0	0.270		330	0.23	4.1	483			21	56
770209	12	2.0			0.290				1.0					
761216	6.7	2.0	14.5	8.0	0.040		10	0.05	0.0	683				
761129	7.0	0.0	11.8	8.1	0.110			0.02	0.0	600				
761021	15		7.3	8.1	0.060	0.000	70	0.05	0.3	567	0.3	0.20	34	42
760922	18	18.0			0.130				0.0					
760817	22				0.030				0.0					
760715	23	29.5	6.0	8.1	0.180	0.000	80	0.07	0.0	567	1.0	0.37	25	40
760616	23	24.5			0.280									
760517	101	16.0	8.6	8.4	0.120		1000	0.06	3.4	600				
760414	330	17.0		8.3	0.100	0.000		0.06	4.7		0.5	0.19	17	46
760322	1120	8.0	11.1	8.1	0.100		140	0.11	6.2	517				
760217	2240	7.0	12.2	8.2	0.570		2100	0.28	5.0	533				
760127	852	0.5	13.6	8.3	0.110	0.000	300	0.16	4.4	567	0.5	0.08	22	47
751210	1470	5.5		8.2	0.090			0.03	1.8	467				
751105	681	16.5	9.5	8.6	0.060		70	0.06	1.6	467				
751002	591	16.0	9.1	8.5	0.040	0.005	480	0.09	2.6	467	0.8	0.21	16	40
750904	488	25.0	7.5	8.3	0.090		900	0.23	2.5	467				
750724	840	25.0	7.0	8.5	0.140	0.000	1200	0.07	4.5	467	1.3	0.18	16	41
750605	1400	20.5	7.4	7.7	2.000		52000	1.10	3.9	300				
750508	745	17.0	7.9	8.0	0.860			0.33	1.8	317				
750416	719	10.0	11.2	8.3	0.130	0.000		0.01	5.8	517	0.5	0.10	16	43
750318	1400	6.0	11.6	8.1	0.170		40	0.14	5.7	433				
750220	2120	2.0		8.1	0.160		0	0.10	6.2	517				
750128	2080	3.0	13.4	8.3	0.130	0.000	10	0.00	5.0	533	0.5	0.10	16	42
741212	1330	4.0	13.1	8.4	0.130	0.000	560	0.00	1.7	567				
741119	1290	14.0	10.6	8.2	0.100	0.000	80	0.10	2.2	533				
741016	1890	15.0	9.1	8.0	0.240	0.000	1300	0.00	2.5	433	0.3	0.15	11	38

0 10 KASKASKIA RIVER
ROUTE 128 BRIDGE 2 MI SOUTHEAST OF COWDEN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770330	0.000	0.1	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
770315			0.3											0.2
761021	0.000	0.1	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
760715	0.000	0.1	0.1	0.000	0.00	0.01	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
760414	0.000	0.2	0.5	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
760127	0.000	0.1	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3

0 10 KASKASKIA RIVER
ROUTE 128 BRIDGE 2 MI SOUTHEAST OF COUDEN --CONTINUED

DATE	ARSENIC (UG/L)	BARIUM (UG/L)	BORON (UG/L)	CADMIUM (UG/L)	HEX CHROMIUM (UG/L)	COPPER (UG/L)	CYANIDE (UG/L)	LEAD (UG/L)	MERCURY (UG/L)	NICKEL (UG/L)	SELENIUM (UG/L)	SILVER (UG/L)	ZINC (UG/L)	FLOURIDE (MG/L)
751002	0.000	0.1	0.1	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.3
750724	0.001	0.1	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.5
750416	0.000	0.2	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
750128	0.000	0.1	0.0	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.1
741016	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.00	0.1	0.0	0.00	0.000	0.0	0.2

0 10 KASKASKIA RIVER
ROUTE 128 BRIDGE 2 MI SOUTHEAST OF COUDEN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (UG/L)	CHROM-IUM (UG/L)	DIS-SOLVED IRON (UG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770330		0.00							237	178
770315									215	135
761021		0.00								
760715		0.00								
760414		0.00				0.30				
760127		0.00				0.40				
751002		0.00				0.30				
750724		0.00				0.40				
750416		0.00				0.50				
750128		0.00				0.80				
741212						0.80				
741119						0.80				
741016		0.00				0.90				

0 11 KASKASKIA RIVER
ROUTE 16 BRIDGE AT SHELBYVILLE NEAR DAM
LAB: CHAMPAIGN DISCHARGE DATA: 05592000 KASKASKIA RIVER AT SHELBYVILLE, IL
DRAINAGE AREA: 1054 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770926	758	22.0	8.9	8.1	0.020			0.00	1.6	450				
770822	660	22.0	8.2	8.1	0.030			0.40	1.4	467				
770718	57	21.0	8.4	8.0	0.000			0.90	1.3	517				
770606	27	21.0	5.4	7.8	0.060	0.000	40	0.59	1.5	550	0.2	0.43	27	53
770502	33	15.5	9.0	8.1	0.030			0.16	1.0	533				
770328	1360	10.0	12.5	8.4	0.030			0.05	0.9	500	0.0	0.08	2[illegible]	42
770314	10	10.0	11.3	8.0	0.160	0.000		0.03	1.1	517	0.1	0.20	21	47
770208	10	1.0			0.020				1.1					
761220	2.4	1.0	14.5	8.3	0.010	0.000		0.05	1.2	517	0.0	0.06	23	45
761122	3.4	4.5	12.3	8.2	0.060			0.01	1.3	517				
761018	10	13.0	11.5	8.5	0.060		10	0.01	1.4	517				
760913	9.3	23.5	9.4	8.0	0.130	0.000	40	0.79	1.1	533	0.4	1.68	20	35
760816	10	23.0	10.2	8.3	0.060			0.40	1.6	550				
760719	14	21.0	7.9	8.1	0.030		20	0.17	3.0	567				
760614	9.4	23.0	7.3	8.2	0.060	0.000		0.01	4.8	550	0.3	0.11	18	43
760422	520	15.5	10.4	8.4	0.100			0.07	6.4	567				
760401	1050	11.0	11.6	7.8	0.100		200	0.07	6.4	517				
760315	1630	8.0	12.1	8.1	0.120	0.000		0.24	7.6	467	0.5	0.09	18	31
760223	4690	6.0	14.2	8.4	0.060			0.04	5.8	617				
760119	258	1.5	13.9	8.4	0.100			0.08	4.7	600				
751215	2340	5.0	13.2	8.4	0.040	0.000		0.06	1.7	467	0.2	0.15	13	39
751117	895	13.5	11.6	8.4	0.100			0.08	2.2	450				
751020	1230	15.5	10.8	8.5	0.040			0.06	2.3	467				
750915	15	20.0	8.4	8.3	0.020	0.000	30	0.91	1.7	500	0.3	1.90	16	41
750818	90	21.0	8.3	8.1	0.030			0.81	2.2	533				
750721	378	20.5	8.7	8.4	0.030		20	0.25	4.2	467				
750618	77	20.0	9.1	8.1	0.100	0.000	40	0.17	5.6	500	1.3	0.72	16	42
750521	133	16.0	9.6	8.4	0.060		10	0.17	6.5	517				
750421	468	10.5	11.1	8.6	0.040			0.01	6.9	500				
750324	585	6.5	11.8	8.2	0.100	0.000		0.16	5.9	433	0.2	0.00	12	32

0 11 KASKASKIA RIVER
ROUTE 16 BRIDGE AT SHELBYVILLE NEAR DAM --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
750224	2170	1.0	15.0	8.2	0.180		0	0.20	6.6	500				
750130	2770	2.0	15.4	8.3	0.150		0	0.00	5.2	517				
741218	1310	3.5	13.7	8.5	0.090	0.000	0	0.00	1.5	583				
741125	552	8.0	11.3	8.4	0.060	0.000	0	0.10	2.0	517				
741021	1830	13.5	10.6	8.2	0.040	0.000	250	0.00	2.6	467				

0 11 KASKASKIA RIVER
ROUTE 16 BRIDGE AT SHELBYVILLE NEAR DAM --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770606	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.00	0.1	0.0	0.00	0.000	0.0	0.2
770328			0.1	0.000		0.00				0.0			0.0	
770314	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
761220	0.000	0.0	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
760913	0.000	0.1	0.1	0.000	0.00	0.00		0.00		0.0	0.00	0.000	0.0	0.2
760614	0.000	0.1	0.1	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.3
760315	0.000	0.1	0.2	0.000	0.00	0.01	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
751215	0.000	0.1	0.3	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.2
750915	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
750618	0.000	0.1	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750324	0.000	0.0	0.0	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2

0 11 KASKASKIA RIVER
ROUTE 16 BRIDGE AT SHELBYVILLE NEAR DAM --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770606		0.00	0.00							
770328									341	193
770314		0.00							251	195
761220		0.00								
760913		0.00								
760614		0.00								
760315		0.00				0.40				
751215		0.00				0.20				
750915		0.00				0.20				
750618		0.00				0.40				
750324		0.00				0.40				
741218						0.70				
741125						0.60				
741021						0.90				

0 13 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE 1.5 MI NORTH OF BOURBON
LAB: CHAMPAIGN DISCHARGE DATA: 05590400 KASKASKIA RIVER NEAR PESOTUM, IL
DRAINAGE AREA: 109 RATIO: 1.25

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770524	88			8.3	0.120		70	0.07	12.0	683				
761119	25	4.5	5.6	8.2	3.800		60	0.06	1.7	1017				
761014	23	15.0	5.6	8.2	1.500	0.005	20	0.00	3.4	933	1.5	0.94	28	220
760923	23	18.5	6.9	8.6	1.900		420	0.03	0.7	1167				
760625	81		7.3	7.9	0.380		4800	0.39	7.1	583				
760419	55			7.9	0.850	0.005	300	0.66	4.1	683	0.2	0.09	31	54
760304	220		9.2	8.2	0.240		1300	0.15	8.3	617				
760123	75		9.7	8.2	0.170	0.000	210	0.09	8.2	667	0.2	0.06	22	94

O 13 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE 1.5 MI NORTH OF BOURBON --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
760116	70	3.0	11.0	7.9	1.000		190	2.30	5.8	1017				
751114	58	10.0	8.4	8.0	3.300		90	5.90	3.7	783				
751006	37	9.5	8.8	8.7	0.650	0.000	540	0.03	4.6	767	1.1	0.08	28	107
750925	80	16.5	10.4	8.5	0.050		2900	0.02	3.7	717				
750805	37	26.5	6.9	8.4	0.720		800	0.01	3.8	767				
750729	60	26.5	8.8	8.8	0.060	0.000	300	0.02	3.8	550	0.2	0.04	15	47
750606	78	20.0		8.2	0.410		1400	0.10	9.0	650				
750515	62	14.5	9.4	8.4	0.480		510	0.09	8.2	683				
750502	110	15.0	10.0	8.1	0.350	0.000	360	0.10	8.7	633	1.0	0.00	26	79
750408	131	9.5	14.2	8.2	0.190		40	0.07	9.4	567				
750314	123	2.0		8.2	0.240		90	0.07	8.2	683				
750207	262		13.2	8.0	0.240		120	0.00	9.1	617				
750123	148	1.0	13.0	8.1	0.280	0.000	280	0.10	8.1	733				
741203	65	1.5	10.7	8.2	0.610	0.000	28900	0.10	6.2	883	0.2	0.06	26	112
741107	77	9.5	9.4	8.0	0.500	0.000	260	0.20	5.1	767	0.5	0.22	23	95
741004	28	11.0	9.0	8.3	0.810	0.005	140	0.10	1.8	1083				

O 13 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE 1.5 MI NORTH OF BOURBON --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
761014	0.020	0.1	0.8	0.000	0.00	0.04		0.00	0.1	0.0	0.00	0.000	0.0	0.4
760419	0.000	0.1	0.8	0.000	0.00	0.01	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.4
760123	0.000	0.0	0.5	0.000	0.00	0.36		0.00	0.0	0.0	0.00	0.000	0.0	0.3
751006	0.000	0.1	0.5	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.4
750729	0.001	0.1	0.0	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750502	0.000	0.0	0.0	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
741203	0.000	0.1	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
741107	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.01	0.1	0.0	0.00	0.000	0.0	0.1

O 13 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE 1.5 MI NORTH OF BOURBON --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
761014		0.00	0.00							
760419		0.00	0.00							
760123		0.00	0.00			0.40				
751006		0.00	0.00							
750729		0.00	0.00							
750502		0.00	0.00							
750123						1.00				
741203		0.00	0.00			1.20				
741107	9	0.00				1.00				
741004						0.70				

O 15 KASKASKIA RIVER
ROUTE 121 BRIDGE 4 MI EAST 3 MI SOUTH OF SULLIVAN
LAB: CHAMPAIGN DISCHARGE DATA: 05591200 KASKASKIA RIVER AT COOKS MILLS, IL
DRAINAGE AREA: 473 RATIO: 1.07

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770622	49	21.0			0.290									
770510	2750	15.5	7.5	7.7	0.270		260	0.10	10.0	450				
770412	268	18.0	10.0	8.2	0.150	0.000	10	0.01	8.5	650	0.2	0.04	31	57
770316	235	11.0			0.300				8.6		0.6	0.07	30	39

0 15 KASKASKIA RIVER
ROUTE 121 BRIDGE 4 MI EAST 3 MI SOUTH OF SULLIVAN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770223	85	4.5			0.730				1.0					
761222	21	0.0			1.800				1.2					
761030	19	0.0	10.8	8.0	3.000		190	0.01	0.8	1100				
760909	10	21.0	6.5	8.0	0.320		1000	0.05	0.0	767				
760803	51	24.0	6.9	8.2	0.630			0.02	1.0	667				
760713	64	26.0	7.8	8.3	0.460	0.005	240	0.01	5.6	708	0.5	0.10	25	67
760608	158	23.5	7.3	8.1	0.300		230	0.01	8.1	650				
760427	151	13.0	10.0	8.2	0.190		180	0.02	6.4	683				
760406	308	14.5	10.5	8.2	0.190	0.000	400	0.04	8.3	683	0.6	0.12	32	72
760318	599	7.0	12.3	8.2	0.090		30	0.07	8.2	667				
760226	1260	9.5	10.5	8.4	0.120		20	0.10	8.8	617				
760129	270	1.0	12.9	8.0	0.150	0.000	150	0.18	5.8	647	0.2	0.05	26	48
760108	374	0.0	6.3	7.6			90			742				
751125	96	3.5	12.9	8.4	0.320		30	0.06	4.7	733				
751027	291	14.5	8.4	8.6	0.270	0.000	500	0.06	4.7	683	0.7	0.11	23	55
750930	145	15.5	8.9	8.6	0.200		1400	0.05	5.6	733				
750827	114	25.5	6.4	7.9	0.330			0.11	0.5	417				
750715	149	23.5	7.8	8.4	0.250	0.000	200	0.05	6.6	617	1.3	0.10	3	24
750604	343	20.5	8.0	8.2	0.260		600	0.07	9.5	583				
750506	309	19.5	8.0	8.3	0.250		210	0.02	8.5	617				
750409	369	9.0	11.0	8.3	0.230		110	0.04	8.7	617	0.8	0.10	27	52
750312	426	4.0	12.2	8.4	0.180	0.000	210	0.05	7.8	583	0.8	0.00	25	48
750219	696	3.0	12.2	8.1	0.270		580	0.10	7.7	617				
750121	595	1.5		8.2	0.190	0.000	20	0.00	8.2	633	0.3	0.05	20	56
741217	457	3.5	12.6	8.2	0.300	0.000	440	0.00	6.6	800				
741120	448	9.0	9.8	8.1	0.380	0.000	1600	0.10	6.4	783				
741017	77	13.5	7.8	8.0	0.480	0.000	1800	0.00	0.8	867	1.9	0.20	48	106

0 15 KASKASKIA RIVER
ROUTE 121 BRIDGE 4 MI EAST 3 MI SOUTH OF SULLIVAN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770412	0.000	0.1	0.5	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
770316			0.5	0.000		0.01				0.0			0.0	0.2
760713	0.000	0.0	0.3	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.4
760406	0.000	0.2	0.2	0.000	0.00	0.00	0.000	0.06	0.0	0.0	0.00	0.000	0.0	0.3
760129	0.000	0.1	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
751027	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.4
750715	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	
750409	0.000	0.0	0.0	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750312	0.000	0.0	0.0	0.000	0.00	0.00	0.000	0.00	0.2	0.0	0.00	0.000	0.0	0.2
750121	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
741017	0.000	0.1	0.5	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.4

0 15 KASKASKIA RIVER
ROUTE 121 BRIDGE 4 MI EAST 3 MI SOUTH OF SULLIVAN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770412		0.00								
770316									256	165
760713		0.00								
760406		0.00				0.50				
760129		0.00				0.40				
751027		0.00				0.40				
750715		0.00								
750409		0.00				0.60				
750312		0.00				0.90				
750121		0.00				1.00				
741217						1.30				

O 15 KASKASKIA RIVER
ROUTE 121 BRIDGE 4 MI EAST 3 MI SOUTH OF SULLIVAN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
741120						1.30				
741017		0.00				0.80				

O 16 KASKASKIA RIVER
CHAMPAIGN-DOUGLAS COUNTY LINE ROAD BRIDGE
LAB: CHAMPAIGN DISCHARGE DATA: 05590400 KASKASKIA RIVER NEAR PESOTUM, IL
DRAINAGE AREA: 109 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770719	29	30.0	12.6	8.5			110	0.00	3.2	550				
770524	71		7.9	8.2	0.430		140	0.37	11.0	683				
761119	20	4.0	11.1	8.5	1.100		30	0.05	3.4	600				
760923	19	19.5	9.3	8.4	1.100		400	0.12	1.9	667				
760625	65		7.4	7.9	0.400		6000	0.45	7.1	583				
760521	35		7.8	8.4	0.180		1000	0.08	8.4	667				
760304	176		9.2	8.1	0.100		900	0.09	8.1	583				
760123	60		10.6	8.2	0.070	0.000	400	0.21	8.0	633	0.2	0.05	17	48
751028	72	14.5	9.0	8.7	0.320	0.000	640	0.03	6.5	667	0.5	0.07	17	44
750930	42		9.5	8.4	0.420		1200	0.05	6.7	667				
750730	41	26.5	5.5	8.4	0.210	0.000	1500	0.07	6.5	617	0.2	0.03	16	40
750630	95	26.0		8.2	0.190		750	0.03	9.1	533				
750529	110			8.1	4.800		1200	0.13	11.0	533				
750502	88	15.0	9.9	8.2	0.090	0.000	350	0.06	10.0	567	1.4	0.10	23	57
750220	156	2.0		8.0	0.380		0	0.30	8.3	600				
750122	123	1.0	12.7	8.2	0.050	0.000	90	0.20	8.1	600				
741218	103	3.5	13.0	8.2	0.240	0.000	110	0.10	7.6	767	0.2	0.00	19	52
741024	23	12.0	7.7	8.1	1.200	0.000	440	0.10	2.8	717				

O 16 KASKASKIA RIVER
CHAMPAIGN-DOUGLAS COUNTY LINE ROAD BRIDGE —CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)
760123	0.000	0.0	0.4	0.000	0.00	0.01		0.00	0.0	0.0	0.00	0.000	0.0	0.2
751028	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.1	0.3
750730	0.001	0.1	0.1	0.000	0.00	0.13	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750502	0.000	0.1	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
741218	0.000	0.0	0.0	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.3

O 16 KASKASKIA RIVER
CHAMPAIGN-DOUGLAS COUNTY LINE ROAD BRIDGE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
760123		0.00	0.00			0.40				
751028		0.00	0.00							
750730		0.00	0.00							
750502		0.00	0.00							
750122						0.90				
741218		0.00	0.00			1.40				
741024						0.70				

0 20 KASKASKIA RIVER
ROUTE 160-177BRIDGE 5 MI WEST NORTHWEST OF OKAWVILLE
LAB: MARION DISCHARGE DATA: 05594100 KASKASKIA RIVER NEAR VENEDY STATION, IL
DRAINAGE AREA: 4393 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770920	783	16.5		9.3	0.210		200	0.10	0.4	633	1.3	1.38		45
770829	1320	25.0	7.3	7.9	0.160		600	0.20	0.3	417	1.2	0.28		35
770722	166	28.0	7.4	7.7	0.200		100	0.05	0.0	467	1.2	0.52		45
770614	180	21.0	9.5	7.8	0.260		2700	0.10	0.2	567				
770506	253	24.5	9.7	7.0	0.430		90	0.20	0.4	183				
770412	3230	23.5	7.4	6.7	0.800		0	0.30	4.5	200	1.7	0.55	18	20
770322	1740	5.5	10.0	6.3	0.670		2400	0.75	5.0	142				
761119	82	9.0	4.8	7.0	0.900		1400	0.65	0.5	233				
761019	71	12.0	8.9	7.2	0.710		300	0.20	0.2	142				
760921	73		4.0	7.0	0.550		800	0.20	0.2	150				
760824	89	28.0	6.9	7.2	0.600		2000	0.10	0.0	125				
760709	91	32.0	7.2	6.9	0.750		5000	0.30	3.9	200	7.5	0.77	13	18
760604	367	25.0	3.9	6.7	3.000		4000	0.50	0.7	133				
760519	200	24.5	8.9	7.2	0.400		590	0.15	0.2	217				
760210	1460	1.5	14.0	8.3	0.290		40	0.35	0.9	533				
751203	2430			7.9			2800	0.15	0.6	433				
751124	824		10.0	8.2	0.150		730	0.10	0.3	467				
750828	441	24.0	3.8	7.0	0.020		57000	0.10	0.0	283				
750624	460	20.5	5.5	6.9	0.590		260	0.40	1.2	183				
750502	11100	17.0	7.5	7.6	0.350		3600	1.50	1.6	383				
750410	6620		10.4	7.9	0.150		0	0.12	2.9	417				
750306	10200	4.5	11.8	7.7	0.230		60	0.10	1.2	617				
750206	14700		13.4	7.3	0.200		500	0.30	1.7	533				
750117	13100	3.5	12.9	7.7	0.300	0.005	360	0.15	1.3	417	3.7	0.10	25	55
741218	4360	3.5	13.1	8.2	0.080	0.005	60	0.05	1.1	467				
741108	1880	10.5	10.3	8.2	0.080	0.005	10	0.05	1.0	350				
741016	2180	15.5	10.1	8.1	0.080			0.05	1.0	350				

0 20 KASKASKIA RIVER
ROUTE 160-177BRIDGE 5 MI WEST NORTHWEST OF OKAWVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770920								0.01	0.0				0.0	
770829								0.02	0.0				0.0	
770722								0.00	0.0				0.0	
770412	0.000	0.0	0.9	0.000	0.00	0.09		0.01	0.0	0.0	0.00	0.000	0.1	0.3
760709	0.002	0.1	0.5	0.000	0.00	0.05	0.015	0.01	0.0	0.0	0.00	0.000	0.0	0.4
750117	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2

0 20 KASKASKIA RIVER
ROUTE 160-177BRIDGE 5 MI WEST NORTHWEST OF OKAWVILLE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770920										210
770829										100
770722										140
770412			0.00						74	32
760709		0.02	0.02							
750117		0.00				0.10				
741218						0.10				
741108						0.20				
741016						0.10				

OB 01 HORSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI EAST OF RUSH
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770608		23.5	5.6	8.1	0.100		100	0.20	0.3	600				
770511		19.5	7.6	8.0	0.080		110	0.15	1.0	633				
770407		13.0	9.5	7.8	0.260	0.005	3900	0.15	1.5	417	3.2	0.47	10	46
770303		4.0	11.0	7.8	0.450		270	0.30	1.3	400	8.2	0.33	13	70
770217		0.0	12.5	7.6	0.200	0.000	100	0.20	2.2	367	3.4	0.20	12	45
761215		0.5	15.7	7.9	0.050		0	0.10	0.8	617				
761101		8.0	7.9	7.6	0.480		3800	0.15	1.5	458				
761013		15.0	4.7	7.5	0.250		5600	0.20	0.7	467				
760922		16.0	6.3	7.7	0.350		370	0.00	0.4	417				
760819		23.0	5.7	7.2	0.650		5500	0.30	0.4	250				
760714		24.5	6.6	7.5	0.650	0.010	7300	0.60	1.9	317	24.0	0.60	10	40
760623		23.0	4.3	7.6	0.300		700	0.20	1.4	450				
760517		14.5	5.5	7.8	0.200		230	0.20	1.0	700				
760407		14.0	7.6	7.8	0.100	0.005	350	0.20	1.0	700	1.4	0.93	18	80
760304			6.2	7.9	0.200		150	0.30	0.5	717				
760217		11.0	9.2	8.1	0.150		170	0.25	0.4	667				
760128		0.5	13.5	8.0	0.180	0.005	300	0.25	1.2	600	1.4	0.40	26	120
751211		3.0	10.8	8.0	0.280		190	0.05	1.3	517				
751105		14.5	3.9	7.8	0.260		200	0.20	0.5	617				
751014		19.0	3.3	7.6	0.180	0.005	1300	0.25	1.3	600	1.8	0.00	10	57
750918		20.0	4.9	7.9	0.270		3300	4.90	2.4					
750826		21.5	6.6	7.1	1.100		59000	0.60	0.8	125				
750709		25.0	5.1	7.3	0.810		6400	0.70	1.7	335				
750604		22.0	6.0	7.9	0.150		450	0.19	2.0	600				
750505		19.0	7.2	7.8	0.070		2100	0.15	1.5	517				
750409		9.0	10.3	8.0	0.090	0.000	60	0.05	1.8	600	1.0	0.30	10	75
750303		1.0	10.7	8.2	0.090		170	0.10	2.7	517				
750203		4.0	11.6	7.5	0.310		920	0.25	2.4	333				
750116		0.0	15.6	7.9	0.340	0.000	500	0.32	1.8	433	2.6	0.50	10	50
741218			14.0	8.2	0.050	0.005	10	0.03	0.9	633				
741030		15.0	1.7	7.2	0.210	0.010	330	0.05	0.2	545				
741001		11.5	8.0	7.6	0.680	0.005	26000	0.40	1.3	283	2.4	0.35	14	30

OB 01 HORSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI EAST OF RUSH --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770407	0.002	0.1	0.3	0.010	0.00	0.05	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.2
770303	0.004	0.2	0.3	0.030	0.00	0.00		0.01	0.2	0.0	0.00	0.000	0.0	0.1
770217	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.2
760714	0.002	0.2	0.6	0.020	0.00	0.07	0.005	0.01	0.2	0.0	0.00	0.000	0.0	0.5
760407	0.001	0.1	0.5	0.001	0.00	0.00	0.030	0.00	0.0	0.0	0.00	0.000	0.0	0.2
760128	0.000	0.1	0.3	0.000	0.00	0.02	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.3
751014	0.001	0.2	0.1	0.010	0.00	0.00	0.000	0.02	0.1	0.0	0.00	0.000	0.0	0.3
750409	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.00	0.1	0.0	0.00	0.000	0.0	0.2
750116	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
741001	0.000	0.0	0.4	0.000	0.00	0.00	0.000	0.02	2.0	0.0	0.00	0.000	0.0	0.3

OB 01 HORSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI EAST OF RUSH --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	AMAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770407		0.00	0.00							
770303			0.09						165	120
770217		0.00	0.00							
760714		0.04	0.04							
760407		0.00	0.00			0.20				
760128		0.00	0.00			0.30				

OB 01 HORSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI EAST OF ROMA --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
751014		0.00				0.10				
750918								3100		
750409		0.00				0.20				
750116		0.00								
741218						0.10				
741030						0.20				
741001		0.00				0.10				

OC 02 RICHLAND CREEK
TOWNSHIP ROAD BRIDGE 3 MI SOUTH SOUTHEAST OF HECKER
LAB: MARION DISCHARGE DATA: 05595200 RICHLAND CREEK NEAR HECKER, IL
DRAINAGE AREA: 129 RATIO: 1.10

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770622	365	23.5	5.8	7.3	0.680		85000	1.60	1.5	267				
770503	17	20.0	4.9	7.7	3.200			3.10	2.7	1303				
770411	27	24.5	6.2	7.7	0.840		120	9.80	5.0	1317	1.1	0.92	64	420
770324	19	12.0	6.4	7.9	0.940		80	2.10	2.6	1133				
761220	7.6	0.0		8.0	3.000		160	4.50	15.5	1150				
761116	10	5.5	9.6	7.6	1.100		150	1.80	5.2	1267				
761004	5.4		4.2	7.6	3.500		550	0.20	1.4	1250				
760712	5.7	33.0	3.5	8.0	1.350		340	0.40	1.4	1183				
760621	7.6	27.0	5.2	7.7	1.500		270	2.70	1.4	1233				
760524	9.8	24.5	10.5	7.7	2.500	0.000	270	2.90	1.2	1233	2.2	1.50	85	215
760428	19	13.0	5.9	7.7	0.900		1800	1.50	3.9	1000				
760324	28	11.0	6.9	7.7	1.000		350	0.60	6.0	1100				
760211	29	7.0	13.8	7.7	1.350	0.008	630	1.80	5.0	1033	1.0	1.05	130	230
751209	20		10.5	7.8	3.000	0.011	1600	1.40	7.5	967	0.5	1.00	58	300
751120	13		7.7	7.9	1.150	0.016	200	0.00	0.2	633	1.0	0.14	45	50
750917	9.8	20.5	7.7	7.7	1.900		6000	0.65	19.0	1033				
750904	17	24.0		7.7	0.390		1200	0.25	0.8	350				
750822	13	24.0	7.9	8.2	0.070		30	0.00	0.1	650				
750820	13	25.0	5.0	7.8	1.200		2100	1.10	1.6	1133				
750619	16	21.0	7.5	8.0	0.920		360	0.40	2.3	1317				
750520	41	20.0	7.9	7.8	0.250		23000	0.09	0.6	683				
750422	37	8.5	13.1	8.5	0.110		0	0.00	1.4	667				
750325	68	1.0	9.2	8.2	0.150		2600	0.00	0.7	483				
750218	68	5.5	11.5	7.8	1.400	0.005	3700	1.00	3.8	917	1.0	0.80	45	250
750107	23	6.0	11.2	7.8	0.080		250	0.13	0.9	867				
741210	17	4.5	11.6	7.9	1.200	0.005	810	1.50	6.8	2017				
741119	14		9.8	7.9	0.160	0.005	80	0.12	1.4	400	1.0	0.20	20	40
741010	9.8	14.5	9.7	7.8	0.180	0.005	1300	0.00	0.1	567				

OC 02 RICHLAND CREEK
TOWNSHIP ROAD BRIDGE 3 MI SOUTH SOUTHEAST OF HECKER --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770411		0.0	1.3	0.000	0.00	0.02		0.01		0.0		0.000	0.0	0.7
760524	0.040	0.0	1.2	0.000	0.00	0.07		0.01	0.7	0.0	0.00	0.000	0.0	1.4
760211	0.000	0.0	1.2	0.010	0.00	0.02	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.6
751209	0.002	0.0	1.5	0.000	0.00	0.00	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.7
751120	0.000	0.2	0.5	0.010	0.00	0.00	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.6
750218	0.000	0.0	0.5	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.5
741119	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2

OC 02 RICHLAND CREEK
TOWNSHIP ROAD BRIDGE 3 MI SOUTH SOUTHEAST OF BECKER --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770411			0.00						550	200
760524		0.00	0.00			0.60	40			
760428						0.40				150
760211		0.02		0.00		0.30				155
751209		0.00				0.50				
751120		0.00				0.30				
750917						1.10				135
750218		0.00	0.00			0.40				
741210						1.00				
741119		0.00				0.30				
741010						0.10				

OC 03 RICHLAND CREEK
COUNTY ROAD BRIDGE 3 MI SOUTH 3 MI WEST OF FREEBURG
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770622		24.5	5.6	6.6	0.210		40000	1.50	1.2	400				
770525		23.5	6.2	7.8	4.000		5900	1.10	1.7	1217				
770411		24.5	9.2	7.4	0.310		10	0.15	4.4	600	0.7	0.54	27	120
770324		11.0	9.9	7.3	0.560		10	0.25	5.9	600				
761220		1.0		7.8	2.000		30	0.85	2.3	900				
761116		6.5	9.1	7.3	1.300		40	0.20	1.2	700				
761004			9.6	7.9	1.400		180	0.20	13.5	1317				
760909		21.5	7.9	7.8	0.500		8100	0.20	0.4	667				
760712		33.5	8.2	8.1	1.500		2200	0.85	9.2	1117				
760524		23.5	11.6	8.0	0.950		30	0.05	0.9	933				
760428		12.0	5.7	7.8	3.000		100000	3.50	0.5	1133				
760324		9.5	8.5	7.8	1.000		900	6.60	1.2	1250				
760211		7.0	10.9	7.9	2.150		610	3.10	3.7	1067				
751209			8.6	7.6	0.850	0.012	63000	0.15	0.8	650	0.0	0.00	72	120
751120			10.7	8.2	0.070		170	0.00	1.0	567				
750915		20.0	6.9	7.7	0.420		270	0.20	1.0	433				
750820		25.0	4.5	7.6	4.600		2200	7.00	1.5	783				
750722		24.0	7.6	8.0	0.050		400	0.10	0.5	733				
750619		21.0	8.0	8.1	0.910		440	0.90	1.6	1333				
750516		16.5	8.5	7.7	0.500		12000	0.37	2.2	1167				
750422		8.5	11.9	8.5	0.110		0	0.05	1.4	683				
750325		1.0	11.4	8.2	0.180	0.005	130	0.00	0.9	483	0.7	0.85	12	55
750218		5.0	10.7	7.8	1.200		7600	1.00	4.2	983				
750107		6.0	8.5	7.8	0.230		300	0.15	0.9	867				
741210		4.0	11.2	7.8	2.000	0.005	2300	2.50	3.5	1050	0.7	1.50	65	250
741119			10.0			0.005	380							
741010		13.5	9.6	7.8	0.190	0.005	1400	0.00	0.1	567				

OC 03 RICHLAND CREEK
COUNTY ROAD BRIDGE 3 MI SOUTH 3 MI WEST OF FREEBURG --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770411		0.0	0.8	0.000	0.00	0.04		0.00		0.0		0.000	0.0	0.3
751209	0.004	0.0	0.1	0.000	0.00	0.00	0.005	0.01	0.0	0.0	0.00	0.000	0.0	0.2
750325	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.3
741210	0.000	0.0	0.8	0.000	0.00	0.08	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.6

OC 03 RICHLAND CREEK
COUNTY ROAD BRIDGE 3 MI SOUTH 3 MI WEST OF FREEBURG --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770411			0.00						620	130
760428						0.50				200
760211						0.40				155
751209		0.00				0.10				
750915						0.20				50
750325		0.00				0.20				
741210		0.00				0.80				
741010						0.20				

OD 04 SILVER CREEK
COUNTY ROAD BRIDGE 4 MI SOUTH 1.5 MI EAST OF FREEBURG
LAB: MARION DISCHARGE DATA: 05594800 SILVER CREEK NEAR FREEBURG, IL
DRAINAGE AREA: 464 RATIO: 1.15

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770622	10	23.5	5.7	7.8	0.420		720	0.15	0.3	650				
770525	7.3	24.5	9.0	7.9	0.400		170	0.25	0.5	783				
770503	40	19.0	6.5	7.3	0.460		370	0.35	7.2	750				
770411	75	23.5	11.6	7.4	0.970		80	0.40	3.7	1433	0.7	0.92	70	490
761220	8.0	2.0		7.8	2.000		30	1.30	2.0	833				
761116		6.5	12.5	7.7	6.000		30	1.60	20.5	1317				
761004			9.0	7.7	0.400	0.030	180	0.25	2.4	1000	0.9	0.49	52	150
760909	3.2	21.0	5.5	7.8	2.250		290	0.40	5.6	1300				
760712	6.4	32.0	9.8	7.6	0.300		5000	0.10	0.0	867	1.0	0.67	50	125
760621	10	28.0	11.2	7.9	0.350		60	1.40	0.7	717				
760524	21	24.0	8.7	7.8	0.500		10	0.10	1.1	983				
760428	60	11.0	9.6	8.0	0.600	0.005	80	0.10	1.0	767	1.2	1.10	38	125
760324	100	10.5	9.2	7.6	0.400		100	0.10	1.3	650				
760211	232	4.5	14.4	7.7	0.670		300	0.75	1.9	517				
751209	62		10.4	7.6	0.670		160	0.30	1.4	567				
751120	14		7.7	8.2	0.220		240	0.00	1.0	583				
751023	7.4	20.0	5.0	7.7	1.500	0.080	0	0.10	1.0	550	0.5	0.40	27	66
750915	97	20.0	7.2	7.6	0.400		9600	0.20	1.0	433				
750904	79			7.0	1.400		1300	2.60	0.1	500				
750820	45	24.5	5.5	7.5	0.650		1600	0.35	1.4	483				
750722	103	24.0	7.6	8.1	0.050		360	0.06	0.6	667				
750619	481	21.0	5.4	8.0	0.610		1400	0.20	1.0	633				
750515	334	17.0	8.6	7.6	0.400		370	0.12	1.4	517				
750422	244	8.5	10.7	8.5	0.110	0.005	0	0.05	1.4	667	0.3	0.00	18	125
750325	243	1.0	12.6	8.2	0.170		100	0.00	0.8	483				
750218	311	5.0	11.8	8.0	0.380		220	0.40	2.2	650				
750107	301	6.0	11.5	8.3	0.120	0.005	310	0.09	1.1	867	0.5	0.30	25	165
741210	71	4.5	12.1	7.8	0.570	0.000	60	0.25	1.3	750				
741119	94		9.9	7.7	0.140	0.005	30	0.14	6.0	500				
741010	25	13.5	9.5	7.9	0.160	0.005	1960	0.00	0.1	567	1.2	0.55	12	75

OD 04 SILVER CREEK
COUNTY ROAD BRIDGE 4 MI SOUTH 1.5 MI EAST OF FREEBURG --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770411		0.0	2.2	0.000	0.00	0.02		0.00		0.0		0.000	0.1	0.8
761004	0.003	0.1	0.7	0.000	0.00	0.00	0.075	0.00	0.0	0.0	0.00	0.000	0.1	0.5
760712	0.001	0.1	0.0	0.000	0.00	0.05	0.005	0.00	0.0	0.0	0.00	0.000	0.1	0.5
760428	0.000	0.0	0.3	0.000	0.00	0.13	0.000	0.02	0.3	0.0	0.00	0.000	0.0	0.5
751023	0.000	0.0	0.5	0.000	0.00	0.93	0.000	0.01	0.1	0.0	0.00	0.000	3.4	0.5
750422	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.4
750107	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
741010		0.0	0.1	0.000	0.00	0.00	0.155	0.02	0.0	0.0		0.000	0.0	0.2

OD 04 SILVER CREEK
COUNTY ROAD BRIDGE 4 MI SOUTH 1.5 MI EAST OF FREEBURG --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770411			0.00						330	160
761004		0.04	0.04				27			
760712		0.00	0.00							
760428			0.00			0.20				210
760211						0.60				56
751023		0.00				0.20				
750915						0.20				96
750422		0.00	0.00			0.20				
750107		0.00				0.20				
741210						0.30				
741119						0.50				
741010		0.00				0.20				

OD 05 SILVER CREEK
ROUTE 177 BRIDGE 0.5 MI WEST OF MASCOUTAH
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770622		20.0	4.9	7.5	1.500		1500	0.30	1.3	633				
770525		25.5	5.8	7.7	0.650		70	0.20	0.5	700				
770503		20.5	4.4	7.5	0.670		220	0.65	5.0	733				
770411		20.0	9.5	7.0	0.500		30	0.30	8.8	600	0.9	0.56	32	97
770324		10.0	6.0	6.9	0.590		10	0.35	13.5	667				
761220		2.0		7.7	4.000		0	1.10	3.5	817				
761116		4.5	6.0	7.3	7.500		0	0.65	3.5	617				
761004			4.7	7.5	3.500		120	0.30	5.3	800				
760909		20.0	6.0	7.7	2.000		100	0.20	1.9	600				
760712		31.5	6.0	7.8	1.350			0.20	1.6	700	1.8			
760621		26.0	6.2	7.6	0.850		100	0.25	0.9	533				
760524		23.5	7.6	7.8	1.000	0.000	0	0.10	1.3	833	1.0	0.80	50	100
760428		11.0	7.8	7.9	0.650		100	0.25	1.1	733				
760324		9.5	7.9	7.6	0.300		80	0.10	1.4	650				
760211		4.0	9.9	7.5	0.660	0.010	160	0.60	1.5	433	1.6	0.25	65	60
751209			9.7	7.6	0.470		280	0.45	1.5	450				
751120			8.2	8.2	0.060	0.015	150	0.00	1.0	583	0.8	0.14	9	25
750915		20.0	6.0	7.6	0.180		1600	0.20	0.6	433				
750822		24.5	7.7	8.1	0.070		70	0.10	0.5	583				
750820		25.0	4.3	7.4	0.740	0.006	700	0.35	1.1	383	4.3	0.50	19	40
750617		20.0	7.2	7.6	0.660		110	0.10	1.1	633				
750522		19.5	5.7	7.6	0.340	0.004	180	0.10	1.6	550	3.1	0.55	22	70
750422		9.0	6.7	8.5	0.100		0	0.00	1.4	667				
750325		1.5	8.8	7.9	0.700		3000	0.50	1.3	1100				
750206		0.0	13.0	7.6	0.180	0.005	270	0.30	1.7	533	1.3	0.06	18	100
741210		4.0	10.2	7.4	0.990	0.005	0	0.55	1.5	667				
741119			9.9			0.005	370				1.0	0.20		
741010		13.0	9.7	7.8	0.160	0.005	1460	0.00	0.0	567				

OD 05 SILVER CREEK
ROUTE 177 BRIDGE 0.5 MI WEST OF MASCOUTAH --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770411		0.0	1.0	0.000	0.00	0.00		0.02		0.0		0.000	0.0	0.3
760712						0.04	0.010							
760524	0.000	0.0	0.4	0.000	0.00	0.17	0.020	0.00	0.1	0.0	0.00	0.000	0.0	0.7
760211	0.000	0.0	0.3	0.010	0.00	0.02	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.3
751120	0.001	0.2	0.1	0.010	0.00	0.10	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
750820	0.002	0.0	0.2	0.000	0.00	0.00	0.000	0.02	0.7	0.0	0.00	0.000	0.0	0.4
750522	0.003	0.0	0.2	0.010	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.4
750206	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2

OD 05 SILVER CREEK
ROUTE 177 BRIDGE 0.5 MI WEST OF NASCOUTAH —CONTINUED

DATE	ARSENIC (UG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
741119	0.000	0.0		0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	

OD 05 SILVER CREEK
ROUTE 177 BRIDGE 0.5 MI WEST OF NASCOUTAH --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	THI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	SBAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770411			0.00						240	125
760524		0.00	0.00			0.40	19			
760428						0.20				200
760211		0.02				0.30				50
751120		0.00				0.10				
750915						0.20				49
750820		0.00				0.30				
750522		0.00				0.20				
750206		0.00				0.40				
741210						0.30				
741119		0.00								
741010						0.10				

OD 06 SILVER CREEK
US 40 BRIDGE 3 MI WEST OF SAINT JACOB
LAB: MARION DISCHARGE DATA: 05594450 SILVER CREEK NEAR TROY, IL
DRAINAGE AREA: 154 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770914	256	21.0	8.2	6.4			6800	0.15	0.5	200	2.7	0.87	7	42
770829	138	23.0	3.4	6.8			41000	0.20	0.4	183	4.0	0.64	10	18
770418	8.7	24.5	10.0	8.0	0.150		2300	0.25	0.4	867	0.8	0.63	84	80
770214	404	4.5	12.8	7.7	0.210		2800	0.50	0.3	267				
761025	138	11.0	7.2	7.0	0.900		13000	0.25	0.4	217				
760929	0.32		8.9	7.3	0.600	0.005	900	0.25	4.0	433	1.4	0.20	20	45
760726	1.2	30.5	6.3	7.9	1.250		230000	1.50	1.6	1033				
760628	2.1	28.0	3.4	7.5	0.500		1100	0.50	3.8	617	1.0	1.30		45
760518	10	21.5	4.0	7.3	0.350		4800	0.50	1.1	533				
760428	20	12.0	8.5	8.0	0.400		970	0.35	0.7	900				
760329	549		6.9	7.2	0.400		2100	0.30	0.5	350				
760211	102	4.0	9.0	7.7	0.330		150	0.25	0.6	333				
751124	2.3		7.8	7.6	1.450		60	2.05	0.6	967				
750915	4.8	20.0	6.0	7.7	0.340		2800	0.20	0.6	433				
750815	13	23.5	4.2	7.6	0.390		260	0.10	0.9	800				
750708	543	21.5	4.5	6.5	0.450		1000	0.50	0.8	168				
750603	20	22.0	7.4	7.7	0.250	0.005	980	0.20	0.8	633	2.6	0.33	21	130
750501	547	15.5	7.7	7.2	1.100		8800	0.55	0.6	317				
750401	242	6.5	8.0	7.3	0.280		680	0.15	0.8	433				
750310	46	1.5	13.4	8.0	0.160	0.005	110	0.20	1.3	833	0.2	0.15	17	175
750206	100	0.0	13.4	7.8	0.170		320	0.30	1.7	533				
750122	49	4.5	13.7	7.7	0.190		880	0.41	1.9	767				
741205	14	3.0	12.6	7.0	0.410	0.005	2600	0.65	3.0	883	0.1	0.03	41	170
741119	15		10.0	8.3	0.150	0.005	600	0.10	1.2	400				
741010	1.1	13.0	9.6	7.9	1.300	0.005	1300	0.00	0.0	567				

OD 06 SILVER CREEK
US 40 BRIDGE 3 MI WEST OF SAINT JACOB —CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770914								0.02	0.1				0.0	
770829								0.07	1.0				0.0	
770418		0.1	0.2	0.000	0.00	0.00		0.04		0.0		0.000	0.0	0.2
760929	0.002	0.0	0.4	0.000	0.00	0.16	0.010	0.01	0.0	0.0	0.00	0.000	0.1	0.2
760628	0.001	0.1	0.3	0.000	0.00	0.05	0.010	0.01	0.0	0.0	0.00	0.000	0.0	
750603	0.000	0.1	0.2	0.000	0.00	0.00		0.00	0.0	0.0	0.00	0.000	0.0	0.5
750310	0.000	0.0	0.2	0.000	0.00	0.00		0.00	0.0	0.0	0.00	0.000	0.0	0.2
741205	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.4

OD 06 SILVER CREEK
US 40 BRIDGE 3 MI WEST OF SAINT JACOB --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	BOD5 (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770914					2					0
770829										18
770418			0.00						310	240
760929		0.05	0.05				60			
760628		0.00	0.00							
760428						0.20				220
760211						0.10				58
750915						0.20				49
750603		0.00				0.20				
750310		0.00				0.20				
741205		0.00				0.60				
741119						0.30				
741010						0.10				

OH 01 SUGAR CREEK
WEST ROUTE 161 BRIDGE 4 MI EAST OF NEW BADEN
LAB: MARION . DISCHARGE DATA: 05594090 SUGAR CREEK AT ALBERS, IL
DRAINAGE AREA: 124 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770922	5.5	22.0		7.2		0.009		0.40	5.5	517	2.0	0.74		57
770829	11	24.0	6.4	7.4			6700	0.30	0.6	333	1.5	0.50		45
770720	1.5	29.0		7.3			200	0.25	0.6	467	0.8	1.20		45
770606	0.66	25.5	5.4	7.9	13.200		420	0.30	3.0	1217				
770506	4.7	25.5	3.1	7.6	1.170		110	0.50	1.3	833				
770307	12	11.0	9.4	7.2	1.350		20	2.50	11.0	650				
761012	0.60	18.0	6.0	6.9	1.200	0.015	3400	0.65	4.1	400	14.5	0.53	34	35
760907	0.66	22.0	3.5	7.3	0.350		1400	1.00	0.1	517				
760817	3.4	29.0		7.1	1.020		3300	0.70	0.0	408				
760708	1.0	31.5	7.5	8.0	0.800		500	0.10	0.9	1017	1.4	0.75	95	150
760615	2.0	28.0	2.3	7.5	4.500		530	0.90	0.1	467				
760521	3.7	25.0	4.4	8.0	3.000		990	2.30	1.8	1083				
760414	5.2		10.1	8.4	0.700		120	0.00	0.6	817				
760322	41	8.0		7.1	0.060		3100	0.30	1.5	450				
760226	8.0	9.0		7.9	1.100		0	0.15	0.1	683				
760209	30	1.0	10.2	7.4	0.850		1900	1.75	2.1	367				
751203	12	3.5		7.5	1.400		6800	0.65	1.3	400				
751124	3.0		8.1	7.6	1.450		80	2.05	0.6	950				
751008	1.6	19.5	2.3	7.5	0.530	0.014	240	0.45	0.1	483	1.1	1.50	28	37
750823	0.90	22.0	5.3	7.2	0.460		1400	0.30	1.0	250				
750617	8.9	20.0	4.2	7.5	0.310		1000	0.00	0.8	733				
750513	65	19.5	7.6	7.7	0.500		4700	0.30	0.9	483				
750408	26	6.0	10.3	8.2	0.190		480	0.05	0.7	883				
750306	31	4.5	12.6	8.1	0.030		130	0.00	1.3	650				
750206	92	0.0	13.6	7.7	0.170		340	0.30	1.7	517				
750117	23	3.0	10.7	7.4	0.730	0.005	25800	0.43	2.4	533	5.0	0.40	25	80
741218	15	3.5	10.8	7.8	0.950	0.005	770	0.45	1.3	750				

OH 01 SUGAR CREEK
WEST ROUTE 161 BRIDGE 4 MI EAST OF NEW BADEN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
741125	5.7	8.0	8.5	7.6	1.400	0.000	0	1.10	2.2	1067				
741016	17	16.5	10.5	8.2	0.080			0.04	1.4	350				

OH 01 SUGAR CREEK
WEST ROUTE 161 BRIDGE 4 MI EAST OF NEW BADEN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770922							0.009	0.00	0.0				0.0	
770829								0.06	0.0				0.0	
770720								0.02	0.0				0.0	
761012	0.003	0.1	0.4	0.000	0.00	0.23	0.015	0.02	0.1	0.0	0.00	0.000	0.0	0.6
760708	0.004	0.1	0.8	0.000	0.00	0.05	0.020	0.00	0.0	0.0	0.00	0.000	0.0	0.9
751008	0.005	0.1	0.1	0.000	0.00	0.00	0.010	0.01	0.3	0.0	0.00	0.000	0.0	0.5
750117	0.000	0.2	0.3	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.2

OH 01 SUGAR CREEK
WEST ROUTE 161 BRIDGE 4 MI EAST OF NEW BADEN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770922										100
770829										64
770720										100
761012		0.00	0.00				200			
760708		0.01	0.01							
751008		0.00				0.20				
750117		0.00				0.20				
741218						0.30				
741125						0.40				
741016						0.10				

OI 05 SHOAL CREEK
ROUTE 161 BRIDGE 1 MI SOUTHEAST OF GERMANTOWN
LAB: MARION DISCHARGE DATA: 05594000 SHOAL CREEK NEAR BREESE, IL
DRAINAGE AREA: 735 RATIO: 1.21

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770506	64	23.5	6.5	7.7	0.560	0.013	120	0.15	0.1	783	2.4	0.85	34	106
770307	342	10.0	10.5	7.5	0.550		520	0.60	1.6	417				
770216	756	4.5		6.9	1.280	0.007	790	1.00	4.5	283	3.1	0.55	17	45
761012	19	18.5	9.4	7.7	0.160		800	0.10	0.2	583				
760907	7.8	23.5	6.0	7.6	0.200		410	0.10	1.0	400				
760817	317	28.5	5.5	7.1	0.770		9000	0.50	0.7	250				
760708	25	32.0	10.2	8.1	0.350		100	0.00	0.0	733				
760615	36		7.3	8.0	0.300		260	0.05	0.3	750				
760521	65	26.5	7.8	8.1	0.350		2600	0.25	0.6	800				
760414	123		11.5	8.0	0.350		440	0.00	0.0	767				
760209	497	0.5	11.0	7.5	0.430	0.010	350	0.75	0.8	400	1.4	0.30	37	50
751203	447	3.5		7.5	0.010		6700	0.65	1.3	383				
751124	36		7.3	7.8	1.450		180	1.95	0.6	983				
751008	21	20.0	7.0	7.9	0.590		3400	0.00	0.2	767				
750904	105	23.5		7.6	1.100		1100	1.90	0.3	433				
750828	98	23.5	3.8	7.0	0.050	0.015	32000	0.15	0.0	283	5.6	0.40	8	45
750513	1920	20.0	7.9	7.6	0.450	0.005	13000	0.27	1.3	433	4.3	0.70	15	70
750408	453	6.0	15.5	8.1	0.120	0.000	80	0.06	1.3	617	0.6	0.30	13	115
750306	561	4.5	11.5	7.8	0.190		70	0.10	1.2	600				

OI 05 SHOAL CREEK
ROUTE 161 BRIDGE 1 MI SOUTHEAST OF GERMANTOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
750206	1900	0.0	13.2	7.7	0.170	0.005	270	0.30	1.7	517	0.8	0.06	18	100
750117	1330	3.0	11.3	7.5	0.480		960	0.25	1.1	350				
741218	452	3.5	8.8	7.5	1.400	0.005	270	0.11	2.0	567				
741125	133	8.0	8.7	7.9	1.200	0.000	90	0.93	2.1	1067	0.2	0.33	75	180

OI 05 SHOAL CREEK
ROUTE 161 BRIDGE 1 MI SOUTHEAST OF GERMANTOWN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770506	0.000	0.0	0.5	0.000	0.00	0.03		0.02	0.0	0.1	0.00	0.000	0.0	0.3
770216	0.004	0.0	0.3	0.000	0.00	0.39	0.020	0.01	0.0	0.0	0.00	0.000	0.1	0.2
760209	0.001	0.0	0.2	0.030	0.00	0.01	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.2
750828	0.000	0.0	0.0	0.000	0.00	0.00	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.2
750513	0.007	0.1	0.1	0.000	0.00	0.00		0.01	0.0	0.0	0.00	0.000	0.0	0.3
750408	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
750206	0.000	0.1	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
741125	0.000	0.0	0.4	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3

OI 05 SHOAL CREEK
ROUTE 161 BRIDGE 1 MI SOUTHEAST OF GERMANTOWN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770506		0.00	0.00							
770216		0.03	0.03							
760209		0.00				0.30				
750828		0.00				0.10				
750513		0.00				0.20				
750408		0.00				0.20				
750206		0.00				0.40				
741218						0.20				
741125		0.00				0.40				

OI 06 SHOAL CREEK
US 40 BRIDGE 1.5 MI NORTHEAST OF POCAHONTAS
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770620		28.0	8.6	7.5	0.400		200	0.15	0.4	483				
770526		25.5	4.8	7.9	0.460		450	0.35	0.9	750				
770418		23.5	9.6	7.8	0.500		220	0.20	3.2	750	1.3	1.15	25	120
770315		14.5	10.1	7.3	0.280		400	0.30	6.2	533				
770214		4.5	13.2	7.2	0.800		2100	0.70	1.2	250				
761025		9.0	7.0	7.3	0.850		28000	0.20	0.8	367				
760929			4.4	7.1	0.500	0.005	370	0.20	5.8	633	0.6	0.60	30	38
760901		26.0	6.6	7.5	0.350		1700	0.20	0.6	333				
760817		24.5	3.9	7.1	0.500		600	0.60	3.0	417	3.6			
760726		30.0	8.0	8.0	0.300		150	0.30	0.3	700				
760604		24.5	8.4	8.1	0.600	0.005	220	0.00	0.0	500	2.1	0.32	45	75
760518		21.5	9.8	8.1	0.250		260	0.10	0.0	800				
760329			9.3	7.2	0.500		4000	0.30	1.1	450				
760209		0.0	12.3	7.7	0.380		160	0.70	0.6	467				
751205				7.7	0.400		6100	0.45	1.1	450				
751114			7.3	8.0	1.400		510	0.45	0.2	717				
751030		18.0		7.7	1.400		330	0.45	0.0	633				

OI 06 SHOAL CREEK
US 40 BRIDGE 1.5 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
750905		23.5		7.7	0.380		1000	0.25	0.9	350				
750828		21.0	5.1	6.9	0.390		22000	0.25	0.5	400				
750523		20.0	6.8	7.8	0.230		3800	0.10	1.2	600				
750408		6.0	8.1	7.8	0.120		40	0.06	1.3	617				
750306		4.0	12.6	8.0	0.110	0.000	140	0.10	0.9	783	1.0	0.30	13	200
750206		0.0		7.7	0.170		320	0.30	1.7	533				
750121		3.0	14.1	7.6	0.130		70	0.18	1.1	667				
741212		5.0	12.8	8.2	0.200	0.005	4900	0.29	1.5	683	0.6	0.03	45	
741108		10.5	8.2	7.4	0.430	0.015	2600	0.28	0.3	500				

OI 06 SHOAL CREEK
US 40 BRIDGE 1.5 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770418		0.1	0.4	0.050	0.00	0.03		0.24		0.0		0.000	0.1	0.2
760929	0.003	0.0	0.5	0.000	0.00	0.06	0.015	0.01	0.0	0.0	0.00	0.020	0.0	0.3
760817						0.15	0.005	0.03						
760604	0.000	0.0	0.2	0.000	0.00	0.15	0.050	0.02	0.0	0.0	0.00	0.000	0.0	0.2
750306	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.02	0.0	0.0	0.00	0.000	0.0	0.4
741212	0.000	0.0	0.0	0.000	0.00	0.02	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2

OI 06 SHOAL CREEK
US 40 BRIDGE 1.5 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770418			0.00						315	230
760929		0.05	0.05				20			
760604		0.00	0.00							
750306		0.00				0.20				
741212		0.00				0.40				
741108						0.30				

OI 07 SHOAL CREEK
COUNTY ROAD BRIDGE 2 MI NORTHWEST OF PANAMA
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770906		25.5						0.10	0.2		1.1	0.54		
770718		33.5	12.4	8.2			130	0.00	0.0	667				76
770608		20.0			0.200				0.0					
770427		15.5			0.200						1.0	0.95	19	120
770323		10.0			0.360	0.000			0.9		0.7	0.46	19	130
770302		2.0			0.500				1.1				27	130
770202		0.0			1.100				2.0					
770105		0.0			0.870	0.005					0.7	0.61	40	180
761208		0.0			1.400				3.4					
761020		8.5			0.490	0.006			1.1		0.6	0.20	42	89
760920		21.0	4.3	8.3	0.320		1500	0.06	0.1	633				
760811		24.5			0.370									
760721		28.5		8.1	0.420	0.005			0.1		0.5	0.10	31	78
760609		24.0			0.360				0.6					
760513		15.5	9.1	8.1	0.190		310	0.07	0.7	750				
760412		10.0	13.3	8.1	0.270	0.000	90	0.04	0.7	700	0.4	0.42	19	120

OI 07 SHOAL CREEK
COUNTY ROAD BRIDGE 2 MI NORTHWEST OF PANAMA --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
760317		4.0			0.250			0.18	1.0					
760225		10.0			0.290				1.2					
760128		1.5			0.360	0.005			1.4		1.0	0.30	17	81
751124		3.5	14.3	8.2			46	0.10						
751023		16.0	8.9	7.7	0.260	0.000	270	0.02	0.1	700	0.6	0.49	28	97
750922		15.5	9.2	8.4	0.300		1000	0.07	0.8	383				
750825		26.0	8.8	8.3	0.290		190	0.06	0.3	683				
750806		25.0	12.1	8.5	0.310	0.000	360	0.02	0.7	667	0.6	0.28	23	76
750526		24.5	8.4	8.2	0.240		2600	0.08	1.4	583				
750428		18.0		8.0	0.200		1700	0.08	2.3	450				
750410		13.0	10.2	8.2	0.260	0.000	180	0.37	2.0	550	1.5	0.20	16	103
750313		1.5	12.7	7.9	0.450		900	0.32	2.7	333				
750213		0.0	12.6	7.9	0.360		2800	0.30	2.0	567				
750102		1.0	13.0	8.0	0.360	0.000	1700	0.20	1.4	433	1.1	0.16	14	58
741104		11.5	8.7	7.7	0.590	0.000	3200	0.10	0.4	800				
741001		14.0	10.3	8.0	0.260	0.005	3900	0.10	0.6	600	0.7	0.28	10	72

OI 07 SHOAL CREEK
COUNTY ROAD BRIDGE 2 MI NORTHWEST OF PANAMA —CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770906	0.010			0.000		0.00		0.00	0.3				0.0	
770427			0.3	0.000		0.00				0.0			0.0	
770323	0.000	0.1	0.4	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.1	0.2
770302			0.4											0.3
770105	0.000	0.1	0.6	0.000	0.00	0.03	0.000	0.22	0.0	0.0	0.00	0.000	0.2	0.4
761020	0.000	0.1	0.3	0.000	0.00	0.00	0.000	0.00		0.0	0.00	0.000	0.0	0.3
760721	0.000	0.1	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.4
760412	0.000	0.2	0.1	0.000	0.00	0.01	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.4
760128	0.000	0.1	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.1	0.3
751023	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750806	0.002	0.1	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750410	0.000	0.0	0.1	0.000	0.00	0.01	0.000	0.00	0.0	0.0	0.00	0.000	0.1	0.3
750102	0.000	0.1	0.1	0.000	0.00	0.00	0.000	0.00	1.0	0.0	0.00	0.000	0.1	0.2
741001	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.1	0.2

OI 07 SHOAL CREEK
COUNTY ROAD BRIDGE 2 MI NORTHWEST OF PANAMA --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770906			0.00							
770718										235
770427									336	252
770323		0.00							290	195
770302									271	167
770105		0.00								
761020		0.00								
760721		0.00								
760412		0.00				0.20				
760128		0.00				0.20				
751023		0.00				0.20				
750806		0.00				0.30				
750410		0.01				0.30				
750102		0.00				0.40				
741104						0.40				
741001		0.00				0.20				

OID 01 EAST FORK SHOAL CREEK
US 40 BRIDGE 2 MI NORTHEAST OF POCAHONTAS
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (UG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770620		26.5	3.8	8.3	1.700		110	0.15	0.0	1217				
770526		26.5	8.4	8.2	0.100		30	0.10	0.0	667				
770818		25.5	9.6	7.9	0.150		20	0.10	1.2	750	0.8	2.00	20	125
770315		15.5	9.4	7.6	0.400		300	0.40	1.2	433				
770214		4.5	12.7	7.0	0.790	0.010	700	0.80	5.6	283	2.7	0.40	12	35
761025		10.0	6.5	7.4	1.000		13000	0.40	0.8	333				
760929			5.9	7.5	0.350		24000	0.75	0.6	650				
760901		25.5	6.5	7.5	0.250		3000	0.25	0.6	400				
760817		23.5	7.2	7.4	0.220		4600	0.30	0.4	317				
760726		29.0	5.4	7.9	0.500		280	0.35	0.3	833				
760604		25.0	7.9	7.8	0.250		9100	0.15	0.4	767				
760518		20.0	7.6	7.7	0.550		750	0.35	0.8	767				
760329			8.9	7.4	0.700		4200	0.40	0.9	417				
760209		0.0	12.0	7.7	0.460	0.010	60	0.80	0.5	400	0.8	0.30	35	60
751205				7.6	0.500		2400	0.45	1.2	400				
751114			9.2	7.8	0.190		430	0.00	0.1	683				
751030		18.0		7.8	1.400		430	0.50	0.0	650				
750905		23.5		7.5	0.400		800	0.25	1.0	350				
750828		21.0	4.8	7.0	0.390	0.010	12000	0.25	0.4	400	5.3	0.52	12	70
750523		20.0	7.3	7.8	0.480	0.005	2400	0.10	1.1	625	6.7	0.40	13	65
750408		6.0	8.4	7.9	0.100		90	0.06	1.8	617				
750306		4.0	12.1	8.0	0.110		150	0.10	0.9	767				
750206		0.0	13.2	7.8	0.170	0.005	470	0.30	1.7	567	1.2	0.05	18	100
750121		3.0	14.5	7.7	0.140		50	0.17	1.0	667				
741212		5.0	13.1	8.1	0.410	0.010	530	0.23	1.0	650				
741108		10.5	10.4	7.5	0.470	0.015	2800	0.30	0.3	483	2.0	0.30	23	45

OID 01 EAST FORK SHOAL CREEK
US 40 BRIDGE 2 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770418		0.1	0.3	0.000	0.00	0.00		0.03		0.0		0.000	0.0	0.2
770214	0.006	0.1	0.3	0.000	0.00	0.11	0.020	0.02	0.0	0.0	0.01	0.000	0.0	0.2
760209	0.001	0.0	0.2	0.020	0.00	0.02	0.000	0.01	0.0	0.1	0.00	0.000	0.0	0.2
750828	0.001	0.0	0.2	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.7
750523	0.002	0.1	0.2	0.010	0.00	0.00	0.000	0.02	0.0	0.0	0.00	0.000	0.0	0.3
750206	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
741108	0.000	0.2	0.2	0.000	0.00	0.04	0.000	0.02	0.0	0.0	0.00	0.000	0.0	0.3

OID 01 EAST FORK SHOAL CREEK
US 40 BRIDGE 2 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770418			0.00						330	250
770214		0.00	0.00							
760209		0.00				0.30				
750828		0.00				0.20				
750523		0.00				0.10				
750206		0.00				0.40				
741212						0.30				
741108		0.00				0.30				

OJ 06 CROOKED CREEK
ROUTE 127 BRIDGE 7 MI SOUTH OF CARLILE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770606		26.5	7.2	8.3	0.880		140	0.30	0.4					
770506		24.5	3.3	7.2	0.570		330	0.55	2.7	1217				
770307		10.0	9.7	7.0	0.450		560	0.45	3.2	483				
770216			8.6	7.4	0.920		230	2.80	0.9	850				
761012		18.0	8.4	6.8	0.690	0.015	2700	0.10	6.0	783	2.0	0.40	120	50
760907		21.0	4.8	7.6	0.450		630	1.20	1.0					
760817		27.0	5.1	7.2	0.850		2000	0.25	0.3	450				
760708		34.5	7.4	7.4	0.550		100	0.10	2.0	1150	2.5	1.00	180	125
760615		29.5	2.7	7.6	0.600		400	0.50	0.7	1150				
760521		26.5	6.7	8.0	0.600		170	0.20	1.4	1500				
760414			9.8	7.8	0.500		390	0.10	0.3	1167				
760322		6.5	7.4	6.7	0.800		1700	0.20	1.5	433				
760210		1.5	10.6	7.5	0.690		10	0.90	0.7	950				
751203				7.8	0.330		5900	1.85	0.9	783				
751124			10.2	7.9	1.000		600	0.70	0.5	667				
750912		24.0		7.0	0.720		77000	0.15	0.5	200				
750828			5.2	6.9	0.040		42000	0.15	0.0	283				
750617		19.5	4.4	7.2	0.370		670	0.60	1.3	517				
750513		20.5	6.7	7.1	0.550		3400	0.34	0.9	533				
750408		5.5	9.0	8.1	0.240	0.005	10	0.09	0.5	350	2.4	0.00	12	55
750306		4.5	11.9	8.1	0.030		80	0.00	1.2	650				
750206			13.3	7.8	0.170		300	0.30	1.7	517				
750117		0.0	12.3	7.3	0.550	0.005	3400	0.35	1.8	633	4.2	0.20	80	95
741213			10.5	7.6	0.920	0.010	220	0.69	1.4	1283				
741108		10.5	7.3	8.2	0.420	0.010	10	0.06	1.0	350				

OJ 06 CROOKED CREEK
ROUTE 127 BRIDGE 7 MI SOUTH OF CARLILE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
761012	0.001	0.0	0.4	0.000	0.00	0.08	0.015	0.01	0.0	0.0	0.00	0.000	0.0	0.4
760708	0.001	0.1	0.9	0.000	0.00	0.05	0.020	0.00	0.0	0.0	0.00	0.000	0.0	0.6
750408	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.01	0.1	0.0	0.00	0.000	0.0	0.2
750117	0.000	0.0	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.2	0.2

OJ 06 CROOKED CREEK
ROUTE 127 BRIDGE 7 MI SOUTH OF CARLILE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770606								1110		
761012		0.04	0.04				40			
760907								810		
760708		0.02	0.02							
750408		0.00				0.10				
750117		0.00				0.20				
741213						0.70				
741108						0.20				

OJ 07 CROOKED CREEK
COUNTY ROAD BRIDGE 3.5 MI SOUTH OF ODIN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770512		20.5	7.0	7.1	0.340		360	0.20	0.3	1017				
770420		19.0		7.6	0.200	0.005	370	0.10	0.5	1033	0.7	0.51	85	125
770308		5.0	10.0	7.4	0.400		80	0.60	0.9	717				
770209			6.4	7.4	3.000	0.016	0	8.50	0.3	1200	0.8	0.50	150	120
761220		0.5	16.6	7.8	5.000		10	8.10	0.4	1267				
761108		3.0	5.5	7.4	0.980		10	0.45	0.6	725				
761012		13.5	5.6	7.6	2.800	0.015	210	3.50	0.8	1100	0.8	0.32	144	60
760915		18.5	11.3	8.1	0.400		500	0.05	1.7					
760818		25.5	5.5	7.4	0.610		460	0.20	0.2	367				
760719		28.5	9.4	8.1	0.620	0.020	180	0.35	2.9		0.5	1.15	650	100
760617		24.5	6.1	7.6	0.300		230	0.20	0.3	933				
760506		15.5	9.9	7.9	0.250		100	0.15	0.9	1608				
760414		16.0	16.1	8.4	0.250	0.010	70	0.00	0.0	1283	1.0	0.70	200	260
760308		8.5	9.6	7.5	0.300		1100	0.40	1.0	667				
760219		8.5	8.8	7.6	0.970		1100	1.75	0.1	1117				
760113		0.0	11.0	7.3	0.750	0.003	30	1.50	1.4	1183	0.4	0.45	220	280
751217		1.0	10.2	6.8	0.200		8900	0.20	0.8	467				
751119		15.0	7.6	7.9	1.500		90	1.60	0.5					
751022		14.5	4.0	7.1	0.430	0.011	20	0.00	0.0	1067	0.4	1.27	185	79
750924		15.0	7.3	7.1	0.320		420	0.20	0.4	500				
750813		23.5	5.8	7.6	0.210		130	0.15	0.0	917				
750714		19.5	5.5	7.4	0.270		460	0.20	1.1	767				
750603			7.0	7.4	0.450		970	0.30	1.8	967				
750512		18.0	6.5	7.4	0.250		5200	0.15	0.7	900				
750402		9.5	9.8	7.1	0.250	0.000	140	0.15	0.8	733	3.0	0.45	97	105
750318		3.0	11.3	7.1	0.130		510	0.20	0.6	717				
750212		0.0	11.5	7.3	0.200		10	0.65	1.3	900				
750129		1.5	11.0	7.3	0.470	0.000	90	0.70	0.8	1233	1.3	0.70	180	215
741211		2.0	11.0	7.7	0.320	0.005	530	0.13	1.2	767				
741031		16.0	2.5	7.3	1.400	0.005	1200	2.50	0.0	1002				
741009		13.0	5.7	7.5	0.750	0.005	0	1.20	2.3	533	0.7	0.25	58	60

OJ 07 CROOKED CREEK
COUNTY ROAD BRIDGE 3.5 MI SOUTH OF ODIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770420	0.000	0.1	0.4	0.000	0.00	0.00	0.000	0.03	0.0	0.0	0.00	0.000	0.0	0.2
770209	0.001	0.0	0.5	0.010	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.5
761012	0.002	0.0	0.5	0.020	0.00	0.04	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.7
760719	0.003	0.1	2.0	0.010	0.00	0.12	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.9
760414	0.001	0.1	0.3	0.000	0.00	0.05	0.010	0.00	0.0	0.0	0.00	0.000	0.0	0.3
760113	0.000	0.0	0.5	0.010	0.00	0.01	0.020	0.01	0.1	0.0	0.00	0.000	0.0	0.3
751022	0.001	0.0	0.3	0.010	0.00	0.01	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.5
750402	0.000	0.0	0.1	0.010	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.6
750129	0.000	0.1	0.0	0.004	0.00	0.00	0.000	0.00	0.2	0.0	0.00	0.000	0.0	0.2
741009	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.2	0.0	0.00	0.000	0.0	0.7

OJ 07 CROOKED CREEK
COUNTY ROAD BRIDGE 3.5 MI SOUTH OF ODIN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770420		0.00							300	140
770209		0.02	0.02							
761012		0.04	0.04							
760915								1580		
760719		0.01	0.01				1590			
760506								960		
760414		0.00	0.00			0.40				

OJ 07 CROOKED CREEK
COUNTY ROAD BRIDGE 3.5 MI SOUTH OF ODIN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
760113		0.00				0.40				
751119								1210		
751022		0.00				0.30				
750402		0.00				0.30				
750129		0.00	0.00			0.40				
741211						0.40				
741031						0.60				
741009		0.00				0.50				

OJA 01 LITTLE CROOKED CREEK
ROUTE 177 BRIDGE 2.5 MI WEST OF NEW HINDEN
LAB: MARION DISCHARGE DATA: 05593575 LITTLE CROOKED CREEK NEAR NEW HINDEN, IL
DRAINAGE AREA: 84.3 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/-1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	BARG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770614	4.1	25.5	0.7	7.5	0.620		15000	0.80	0.5	483				
770506	41	25.5	2.9	7.4	0.840	0.015	790	1.20	0.2	883	1.0	2.80	50	150
770412	5.7	22.0	6.5	7.4	0.600		570	0.15	3.3	717	0.8	0.54	37	155
770322	4.9	4.5	9.5	7.2	0.610		80	0.75	4.1	550				
761119	0.54	10.0	0.9	7.0	2.000		800	0.15	0.1	533				
761019	1.1	11.0	2.2	7.0	0.610		560	0.30	0.0	450				
760921	0.23		2.7	7.1	0.500		900	0.40	0.2	283				
760824	0.15	29.0	3.8	7.4	0.800		420	0.40	0.1	333				
760709	0.27	35.0	4.4	7.7	0.650		800	1.30	0.4	900			55	125
760604	3.4	24.0	2.8	7.1	1.200		3400	0.95	1.1	500				
760527	0.84	23.5	6.4	7.7	0.800	0.010	50	0.25	0.7	1100	0.8	1.45	75	250
760210	5.4	0.5	12.1	7.6	0.650		30	1.00	0.6	750				
751203	4.4			8.0	1.200		2000	0.10	0.6	450				
751124	0.35		5.8	7.5			190	1.85	1.0	933				
750912		22.0		7.0	0.820		450000	0.10	0.6	217				
750617	0.90	20.0	3.9	7.2	0.380		690	0.60	1.3	533				
750502	94	17.0	7.9	7.2	0.480	0.011	6900	0.33	0.5	333	4.3	0.50	18	70
750410	8.6		6.0	7.2	0.460		80	0.02	5.2	350				
750306	17	4.5	11.6	7.8	0.200		50	0.10	1.2	617				
750206	43	0.0	13.2	7.7	0.180	0.005	320	0.32	1.7	533	1.3	0.06	18	95
750117	6.5	1.0	12.6	7.6	1.000		190	0.60	1.7	635				
741213	20		10.8	7.6	1.200	0.010	2500	0.70	2.0	617				
741108	3.3	10.5	9.5	7.9	0.370	0.005	30	0.19	0.6	467	0.4	0.05	17	38

OJA 01 LITTLE CROOKED CREEK
ROUTE 177 BRIDGE 2.5 MI WEST OF NEW HINDEN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770506	0.002	0.0	0.8	0.000	0.00	0.03		0.04	6.8	0.0	0.00	0.000	0.0	0.4
770412	0.000	0.0	0.7	0.000	0.00	0.41		0.01	0.2	0.0	0.00	0.000	0.1	0.3
760709			0.4											0.6
760527	0.001	0.0	0.3	0.000	0.00	0.17	0.010	0.00	0.1	0.0	0.00	0.000	0.0	0.6
750502	0.000	0.0	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750206	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
741108	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.02	0.0	0.0	0.00	0.000	0.0	0.3

OJA 01 LITTLE CROOKED CREEK
ROUTE 177 BRIDGE 2.5 MI WEST OF NEW HINDEN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHLOR-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770506		0.00	0.00							
770412			0.00						240	120
760527		0.00	0.00			0.40				
750502		0.00				0.10				
750206		0.00				0.30				
741213						0.50				
741108		0.00				0.20				

OK 01 EAST FORK KASKASKIA RIVER
US 51 BRIDGE 5 MI NORTH OF SANDOVAL
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770913		19.5	10.5	7.5	0.220		940	0.15	0.3	183				
770810		22.0	6.2	7.1	0.460		8400	0.00	0.2	117				
770714		30.0	7.4	8.0	0.180		900	0.35	0.4	183				
770615		23.5	9.6	7.9	0.130	0.005	100	0.10	0.0	733	0.2	0.25	60	120
770512		20.5	11.2	7.8	0.100		60	0.00	0.0	683				
770420		19.0		7.8	0.100		340	0.10	0.0	700	0.5	0.27	30	150
770308		5.5	10.6	7.4	0.400	0.010	30	0.35	1.0	383	4.8	0.12	54	90
770224		2.0	10.3	7.6	0.450		470	0.70	0.7	367				
761220		0.5	6.0	7.5	0.850	0.014	40	0.10	0.0	500	4.4	7.70	35	50
761108		1.0	5.7	7.4	0.340		20	0.15	0.0	400				
761012		14.0	10.2	8.2	0.100		10	0.10	0.1	400				
760914		21.5	10.6	7.9	0.100	0.000	20	0.10	0.1	283	0.5	0.15	10	40
760818		26.0	6.0	7.1	0.430		1300	0.20	0.4	167				
760719		28.5	9.0	8.2	0.320	0.010	80	0.15	0.2	583	0.3	0.25	37	100
760602		18.5	7.3	7.7	0.350	0.200	320	0.10	0.1	800	1.5	0.72	30	125
760506		16.0	8.0	7.9	0.100		60	0.10	0.0	950				
760414		17.0	9.4	7.9	0.100		70	0.00	0.0	817				
760308		8.0	10.5	7.5	0.400	0.000	1200	0.40	1.5	400	3.6	0.32	18	80
760219		8.5	10.9	7.7	0.170		230	0.20	0.2	700				
760113		0.0	10.4	7.2	0.280		230	0.25	1.9	500				
751217		1.0	10.9	7.3		0.000	40000	0.30	0.8	383	5.1	0.20	35	48
751118		14.5	5.8	7.1	0.130		0	0.05	0.0	417				
751022		15.0	5.1	7.1	0.140		70	0.00	0.0	383				
750924		14.5	10.4	7.9	0.120	0.010	100	0.15	0.3	283	1.9	0.23	17	27
750813		23.5	8.3	7.9	0.110		150	0.00	0.0	333				
750714		20.0	8.9	7.8	0.160	0.005	290	0.30	0.5	367	2.5	0.50		50
750603		23.5	7.6	7.8	0.150	0.005	300	0.15	0.6	550	1.8	0.25	31	85
750512		17.0	9.4	7.5	0.300		2100	0.28	0.7	433				
750402		9.5	10.0	7.2	0.230		210	0.15	0.6	433				
750318		3.0	12.8	7.4	0.090	0.000	20	0.20	0.5	533	2.7	0.25	18	125
750212		0.0	13.7	7.6	0.180		60	0.17	1.7	583				
750129		1.5	12.1	7.9	0.100		200	0.13	0.6	818				
741211		3.0	11.7	7.2	0.190	0.005	850	0.10	1.2	633	1.1	0.05	50	120
741031		15.5	2.7	7.4	0.340	0.015	20	0.00	1.1	505				
741009		11.0	8.2	7.9	0.090	0.005	70	0.00	0.1	367				

OK 01 EAST FORK KASKASKIA RIVER
US 51 BRIDGE 5 MI NORTH OF SANDOVAL --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SELE-NIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770615	0.002	0.1	0.2	0.040	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
770420	0.000	0.1	0.2	0.010	0.00	0.00		0.00	0.0	0.0	0.00	0.000	0.0	0.2
770308	0.005	0.0	0.5	0.000	0.00	0.00	0.000	0.02	0.0	0.0	0.00	0.000	0.0	0.2
761220	0.006	0.1	0.2	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.2
760914	0.001	0.0	0.1	0.000	0.00	0.00	0.015	0.00	0.0	0.0	0.00	0.000	0.0	0.1
760719	0.002	0.0	0.2	0.020	0.00	0.22	0.000	0.03	0.0	0.0	0.00	0.000	0.0	0.4

OK 01 EAST FORK KASKASKIA RIVER
US 51 BRIDGE 5 MI NORTH OF SANDOVAL —CONTINUED

DATE	ARSENIC (UG/L)	BARIUM (UG/L)	BORON (UG/L)	CADMIUM (UG/L)	HEX CHROMIUM (UG/L)	COPPER (UG/L)	CYANIDE (UG/L)	LEAD (UG/L)	MERCURY (UG/L)	NICKEL (UG/L)	SELENIUM (UG/L)	SILVER (UG/L)	ZINC (UG/L)	FLUORIDE (MG/L)
760602	0.000	0.0	0.1	0.030	0.00	0.06	0.010	0.03	0.0	0.0	0.00	0.000	0.0	0.2
760308	0.000	0.0	0.2	0.010	0.00	0.05	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.2
751217	0.000	0.0	0.5	0.000	0.00	0.00	0.010	0.02	0.0	0.0	0.00	0.000	0.0	0.3
750924	0.000	0.0	0.1	0.000	0.00	0.00	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.3
750714	0.001	0.0	0.1	0.010	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.3
750603	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.3
750318	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.1
741211	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2

OK 01 EAST FORK KASKASKIA RIVER
US 51 BRIDGE 5 MI NORTH OF SANDOVAL --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770615		0.04	0.04							
770420		0.00							280	150
770308		0.00	0.00							
761220		0.03	0.03							
760914		0.00	0.00							
760719		0.02	0.02							
760602		0.00	0.00			0.30				
760308		0.02	0.02			0.20				
751217		0.00	0.00			0.10				
750924		0.00				0.20				
750714		0.00				0.20				
750603		0.00	0.00			0.20				
750318		0.00				0.20				
741211		0.00				0.30				
741031						0.30				
741009						0.20				

OL 01 HURRICANE CREEK
US 40 BRIDGE 3 MI NORTHEAST OF MULBERRY GROVE
LAB: MARION DISCHARGE DATA: 05592800 HURRICANE CREEK NEAR MULBERRY GROVE, IL
DRAINAGE AREA: 152 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
760407	31	16.5	10.2	7.9	0.150		2200	0.10	0.1	767				
760209	134	0.0	12.0	7.8	0.300		90	0.90	1.0	533				
751030	9.4	18.0		7.7	1.400	0.015	380	0.50	0.0	633	1.0	1.55	35	93
750925	5.0	19.5	7.1	7.5	0.250		2800	0.10	0.4	333				
750826	96	23.5	4.9	7.2	1.000		120000	0.25	0.6	233				
750624	704		6.0	7.2	0.530		4200	0.20	0.9	367				
750416	40	9.5	10.1	8.0	0.290		140	0.05	0.6	658				
750312	2300	4.0	12.1	7.4	0.570		2200	0.40	1.3	217				
750220	108	4.5		7.8	0.210		340	0.10	2.2	683				
750121	57	4.5	13.9	7.9	0.110		30	0.17	0.9	733				
741212	86	5.0	12.5	8.1	0.100	0.010	340	0.06	1.0	667				
741125	23	8.0	7.8	8.0	1.100	0.005		0.76	2.0	1050				
741024	19	12.0	13.8	9.3	0.070	0.000	10	0.00	0.2	1317				

OL 01 HURRICANE CREEK
US 40 BRIDGE 3 MI NORTHEAST OF MULBERRY GROVE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
751030	0.005	0.0	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.6

OL 01 HURRICANE CREEK
US 40 BRIDGE 3 MI NORTHEAST OF MULBERRY GROVE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOR (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
751030	300	0.00				0.30				
741212						0.30				
741125						0.40				
741024						0.20				

OP 15 BIG CREEK
COUNTY ROAD BRIDGE 8 MI NORTH OF BROWNSTOWN
LAB: BARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770613		21.0	11.2	8.1	0.050		540	0.15	0.0					
770502		20.5	15.5	8.3	0.050		90	0.10	0.0					
770405		14.5	10.3	7.8	0.080	0.010	80	0.15	0.6		1.2	0.70	470	92
770322		7.0	15.1	8.0	0.050		60	0.30	0.3					
770214		0.5	11.9	7.4	0.780	0.012	2200	0.70	1.2	500	4.8	0.35	100	35
761220		0.5	26.9	7.7	0.250		70	0.20	0.0					
761117		1.0	8.9	7.4	0.150		10	0.10	0.2					
761005		18.5	5.9	7.6	0.100	0.015	100	0.00	0.1		0.4	0.30	460	60
760914		22.0	9.0	7.9	0.700		110	0.10	0.2					
760816		24.5	7.4	7.4	0.200		120	0.25	0.2	900				
760707		23.0	7.8	8.1	0.150	0.025	50	0.15	0.1		2.5	0.95	700	75
760602			7.8	7.7	0.300		700	0.40	0.6	1433				
760504		10.5	10.8	8.0	0.080		130	0.10	0.3					
760407		18.0	12.7	7.9	0.050		610	0.00	0.0					
760308		4.5	11.0	7.4	0.100		260	0.20	0.9	550				
751030				7.5	0.120	0.017	310	0.25	0.2	300	0.6	0.42	8	43
750925		19.0	8.3	7.6	0.120		680	0.10	0.5	533				
750826		23.0	4.5	7.7	0.070		200	0.05	0.0	550				
750624		21.0	6.4				8000							
750416		9.5	8.9	7.9	0.230		170	0.05	0.7	650				
750312		4.0	11.5	7.4	0.560		2400	0.40	1.3	200				
750220		4.5		7.8	0.210		300	0.10	2.2	667				
750121		4.0	13.4	7.9	0.060		40	0.07	0.8					
741212			12.1	7.2	1.000	0.015	3200	0.09	1.8	900				
741125		8.0	7.2	8.1	1.600	0.005	150	1.20	2.2	1033				
741024		12.0	11.1	7.9	0.070	0.000	980	0.00	1.5	333				

OP 15 BIG CREEK
COUNTY ROAD BRIDGE 8 MI NORTH OF BROWNSTOWN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770405	0.000	0.1	0.6	0.000	0.00	0.06	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.2
770214	0.001	0.1	0.2	0.010	0.00	0.00	0.005	0.01	0.0	0.0	0.00	0.000	0.0	0.2
761005	0.000	0.1	0.2	0.010	0.00	0.00	0.010	0.00	0.0	0.0	0.00	0.000	0.0	0.2
760707	0.000	0.5	0.1	0.020	0.00	0.07	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.3
751030	0.000	0.0	0.1	0.000	0.00	1.13	0.000	0.05	0.0	0.0	0.00	0.000	6.5	0.2

OP 15 BIG CREEK
COUNTY ROAD BRIDGE 8 MI NORTH OF BROWNSTOWN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (UG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	ABAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770613								2110		
770405		0.00	0.00					990		
770322								1430		
770214		0.00	0.00							
761220								7040		
761117								2800		
761005		0.04	0.04					990		
760914								900		
760707		0.02	0.02					2020		
760504								1600		
760407								1298		
751030		0.00				0.10				
750121								1790		
741212						0.50				
741125						0.40				
741024						0.20				

OQ 01 BECK CREEK
COUNTY LINE ROAD BRIDGE 2 MI WEST OF HERRICK
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770629		22.0			0.880				1.8					
770601		22.0			0.310									
770504		20.0			0.340	0.005					0.8	0.54	180	110
770330		15.5			0.210				1.2		1.5	0.72	16	97
770315		12.0	9.0	7.9	0.300		200	0.61	1.1	650			20	110
770209		1.0			3.200	0.000			0.0		5.0	3.50	39	65
761216		1.0	11.9	7.7	1.800			2.30	0.8	783				
761029		0.0	8.7	7.8	1.600	0.000		1.80	0.8	683	0.9	0.17	29	46
761021		5.0	12.2	7.7	0.280		270	0.06	0.2	567				
760922		15.0			0.450				0.8					
760817		21.0			0.320	0.005			0.4		1.1	0.73	35	54
760715		26.5	6.0	7.9	0.250		270	0.02	0.1	683				
760616		23.5			0.310									
760517		15.0	6.4	8.1	0.530	0.005	6000	0.62	1.1	533	2.9	0.69	15	88
760414		16.5			0.150			0.07	0.1					
760322		8.0	10.7	8.0	0.130		210	0.17	0.6	667				
760217		9.5	10.1	7.6	1.000	0.005	3400	0.95	2.3	450	16.3	1.06	28	83
760127		0.0	11.7	7.7	0.340		7300	0.72	1.3	367				
751210		3.0			0.320			0.53	1.0	683				
751105		16.0	6.4	8.4	0.530	0.000	100	0.10	0.3	667	0.7	0.35	21	81
751002		13.0	8.7	8.4	0.330		310	0.13	0.7	633				
750904		24.5	6.2	8.2	0.380		700	0.12	0.8	517				
750724		25.0	5.7	8.4	0.250		1800	0.16	0.9	467				
750605		19.0	6.7	7.7	3.300		24000	1.30	3.4	300				
750508		17.0	7.7	8.2	0.073	0.000	9900	0.16	0.8	517	10.5	1.00	12	88
750416		11.0	10.2	8.2	0.250		370	0.08	0.6	633				
750318		8.0	10.4	8.0	0.430		1600	0.29	1.2	600				
750220		4.0	13.5	7.9	0.200	0.000	750	0.20	1.9	500	0.8	0.05	14	88
750128		3.5	12.1	8.0	0.230		1600	0.20	1.5	533				
741212		3.0	13.0	8.1	0.430	0.000	1500	0.20	0.9	733				
741119		8.5	10.1	8.1	0.230	0.000	260	0.10	1.0	800	0.7	0.44	18	100
741016		12.0	7.2	7.8	0.650		2900	0.10	0.4	683				

OQ 01 BECK CREEK
COUNTY LINE ROAD BRIDGE 2 MI WEST OF HERRICK --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770504	0.000	0.1	0.2	0.000	0.00	0.03	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
770330			0.2	0.000		0.00				0.0			0.0	
770315			0.2											0.2
770209	0.010	0.1	0.3	0.000	0.00	0.01	0.000	0.03	0.0	0.0	0.00	0.000	0.0	0.5
761029	0.000	0.1	0.5	0.000	0.00	0.00	0.000	0.05	0.0	0.0	0.00	0.000	0.0	0.9
760817	0.000	0.1	0.3	0.000	0.00	0.00		0.00	0.0	0.0	0.00	0.000	0.0	0.4
760517	0.000	0.1	0.3	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.4
760217	0.000	0.4	0.6	0.000	0.00	0.02	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
751105	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.3
750508	0.001	0.2	0.2	0.000	0.00	0.02	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750220	0.000	0.1	0.1	0.000	0.00	0.00	0.000	0.00	0.1	0.0	0.00	0.000	0.0	0.2
741119	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.00	0.4	0.0	0.00	0.000	0.0	0.2

OQ 01 BECK CREEK
COUNTY LINE ROAD BRIDGE 2 MI WEST OF HERRICK --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770504		0.00								
770330									237	151
770315									289	195
770209		0.00	0.00							
761029		0.00								
760817		0.00								
760517		0.00				0.30				
760217		0.01				0.30				
751105		0.00				0.30				
750508		0.01	0.01			0.20				
750220		0.00				0.40				
741212						0.70				
741119		0.00				0.60				
741016						0.70				

OT 01 WEST OKAW RIVER
ROUTE 121 BRIDGE 6 MI NORTHWEST OF SULLIVAN
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770622		19.5			0.080				6.6					
770510		13.5	8.8	7.9	0.190	0.005	470	0.08	14.0	567	0.5	0.06	22	32
770412		18.0	10.0	8.3	0.050		90	0.01	9.4	600				
770316		10.0			0.160				8.2		0.3	0.07	28	44
770223		5.5			0.440	0.010			2.9		0.5	0.31		
761222		1.0			0.040				0.2					
761030		0.0	16.7	8.3	0.060	0.005		0.04	0.0	950	0.3	0.13	58	16
761005		19.5		8.2	0.400		5200	0.23	0.0	750				
760909		20.5	4.0	7.9	0.510		66000	0.24	0.3	483				
760803		20.5	6.0	8.4	0.240	0.000		0.01	0.0	617	0.9	0.23	37	24
760713		24.0	8.0	8.4	0.270		190	0.06	1.5	633				
760608		23.0	7.7	8.3	0.190		880	0.01	7.8	667				
760427		11.5	10.7	8.3	0.080	0.000	300	0.06	7.7	667	0.3	0.06	25	43
760406		13.0	10.5	8.3	0.060		90	0.07	9.4	667				
760318		6.0	12.0	8.2	0.040		30	0.05	8.9	633				
760226		9.0	10.5	8.4	0.090	0.000	400	0.15	9.7	617	0.9	0.05	17	32
760129		0.0	14.0	8.2	0.060		400	0.01	7.2	683				
760108		0.0	8.8	7.7			30			717				
751125		3.0	12.7	8.4	0.110	0.000	60	0.07	5.4	650	0.2	0.05	18	37
751027		12.0	9.9	8.6	0.110		620	0.05	5.6	667				
750930		15.5	9.1	8.5	0.080		3600	0.05	6.5					

OT 01 WEST OKAW RIVER
ROUTE 121 BRIDGE 6 MI NORTHWEST OF SULLIVAN —CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
750827		26.0	6.6	8.1	0.130	0.000		0.06	1.5	550	1.3	0.09	21	32
750715		21.0	8.7	8.5	0.120		270	0.04	7.6	617				
750604			8.4	8.3	0.160		530	0.06	10.1	600				
750506		18.5	8.8	8.4	0.090	0.000	490	0.03	9.4	567	1.0	0.00	15	44
750409		8.5	11.5	8.3	0.100		110	0.02	9.4	583				
750312		4.5	12.1	8.4	0.140		330	0.05	8.6	567				
750219		3.0	12.2	8.2	0.180	0.000	180	0.10	8.6	583	0.5	0.00	16	40
750121		1.5		8.2	0.120		90	0.00	9.1	233				
741217		3.0	12.9	8.2	0.310	0.000	340	0.10	8.1	767				
741120		9.5	10.4	8.2	0.230	0.000	390	0.10	7.2	750	1.5	0.12	16	46
741017		12.0		7.9	0.260		5000	0.10	0.7	700				

OT 01 WEST OKAW RIVER
ROUTE 121 BRIDGE 6 MI NORTHWEST OF SULLIVAN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770510	0.000	0.1	0.4	0.000	0.00	0.00	0.000	0.00	0.1	0.0	0.00	0.000	0.0	0.3
770316			0.4	0.000		0.01				0.0			0.0	0.2
770223	0.000	0.0		0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	
761030	0.000	0.1	0.6	0.000	0.00	0.01	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.5
760803	0.000	0.2	0.2	0.000	0.00	0.00		0.00	0.0	0.0	0.00	0.000	0.0	0.3
760427	0.000	0.0	0.3	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
760226	0.000	0.1	0.1	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.2
751125	0.000	0.1	0.3	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.3
750827	0.000	0.1	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750506	0.000	0.1	0.0	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750219	0.000	0.0	0.1	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.2
741120	0.000	0.1	0.0	0.000	0.00	0.00	0.000	0.00	0.1	0.0	0.00	0.000	0.0	0.3

OT 01 WEST OKAW RIVER
ROUTE 121 BRIDGE 6 MI NORTHWEST OF SULLIVAN —CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770510		0.00								
770316									299	203
770223		0.00							210	138
761030		0.00								
760803		0.00								
760427		0.00				0.50				
760226		0.00				0.60				
751125		0.00				0.30				
750827		0.00				0.20				
750506		0.00				0.60				
750219		0.00				0.90				
741217						1.50				
741120		0.00				1.40				
741017						0.60				

02C 01 PLUM CREEK
COUNTY ROAD BRIDGE 2.5 MI SOUTH OF BALDWIN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG/C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NO3+NO2 NITRO-GEN (MG/L)	SPEC COND UMHOS	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)
770622		22.0	4.5	7.4	0.180		27000	0.35	0.4					
770525		23.0	3.1	7.7	0.140	0.005	380	0.20	0.1	1017	1.4	0.92	29	360
770411		19.5	9.3	8.0	0.080		210	0.15	0.2	1133	0.7	0.52	33	340
770307		4.5	10.2	7.7	0.250		70	0.50	1.3	733				
770217		0.0	11.0	7.4	0.180		10	0.45	2.0	617				
761215		1.0	3.9	7.6	0.250		30	0.45	0.0					
761101		6.5	8.5	7.3	0.280	0.015	1600	0.00	0.5	867	8.0	1.13	25	200
761013		16.5	4.5	7.4	0.350		4100	0.30	0.2	1100				
760922		15.5	2.1	7.2	0.300		5300	0.25	0.1	650				
760819		23.5	3.7	7.4	0.200	0.012	1900	0.20	0.1	942	0.9	1.43	30	225
760714		29.0	4.2	7.7	0.200		120	0.20	0.1	917				
760623		22.0	7.9	7.8	0.400		700	0.20	0.1	833				
760520		19.5	6.6	7.8	0.150	0.015	230	0.25	0.5	1300	0.8	2.17	45	340
760415		16.5	7.0	8.0	0.100		280	0.05	0.2	1267				
760304		15.0	8.5	8.0	0.150		260	0.15	0.0	1267				
760218		8.0	10.0	7.9	0.100	0.005	190	0.15	0.1	1267	0.6	0.73	95	460
760128		0.0	13.6	7.6	0.240		530	0.65	2.0	983				
751211		3.0	10.7	7.8	0.160		270	0.15	1.2	833				
751105		15.0	4.6	7.8	0.280	0.012	170	0.20	0.1	1017	0.5	0.65	35	215
751008		18.0	7.5	7.5	0.270		20000	0.10	0.3	633				
750911		21.5	6.0	7.3	0.110		790	0.15	1.9	967				
750826		21.5	6.2	7.2	0.700	0.009	21000	0.40	0.4	183	22.5	0.51	10	40
750710		24.5	6.0	7.3	0.150		1200	0.20	1.1	467				
750605		22.0	6.0	7.8	0.130		410	0.15	0.2					
750505		19.5	8.0	8.0	0.080	0.005	500	0.17	0.6	967	2.0	0.70	42	235
750410		9.5	10.0	8.0	0.060		180	0.02	0.1	1283				
750303		0.5	13.5	8.0	0.130		90	0.20	1.1	1133				
750210			14.2	7.9	0.110	0.005	170	0.26	1.2	1367	0.7	0.75	105	500
750116		0.0	14.6	7.9	0.250		360	0.27	1.2	1000				
741218		0.0	13.9	8.2	0.070	0.005	40	0.10	1.1					
741030		15.5	2.3	7.1	0.360	0.030	420	0.05	0.0	1000	1.9	2.32	47	150
741001		13.5	8.1	7.3	0.150	0.005	4100	0.10	0.8	450				

02C 01 PLUM CREEK
COUNTY ROAD BRIDGE 2.5 MI SOUTH OF BALDWIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	LEAD (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)
770525	0.000	0.2	0.4	0.030	0.00	0.00	0.010	0.01	0.0	0.0	0.00	0.000	0.0	0.5
770411	0.000	0.0	0.1	0.000	0.00	0.00		0.00	0.2	0.0	0.00	0.000	0.0	0.3
761101	0.001	0.1	0.2	0.000	0.00	0.00	0.010	0.02	0.1	0.0	0.00	0.000	0.0	0.4
760819	0.001	0.1	0.2	0.010	0.00	0.02	0.000	0.00	0.0	0.0	0.00	0.000	0.2	0.5
760520	0.000	0.0	0.2	0.000	0.00	0.07	0.010	0.00	0.0	0.0	0.00	0.000	0.0	0.5
760218	0.000	0.0	0.1	0.000	0.00	0.05	0.010	0.00	0.0	0.0	0.00	0.000	0.0	0.5
751105	0.000	0.0	0.1	0.010	0.00	0.00	0.010	0.00	0.0	0.0	0.00	0.000	0.0	0.5
750826	0.002	0.2	0.4	0.010	0.00	0.04	0.000	0.03	0.0	0.0	0.00	0.000	0.1	0.3
750505	0.001	0.2	0.2	0.010	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
750210	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.00	0.0	0.0	0.00	0.000	0.0	0.3
741030	0.000	0.0	0.2	0.000	0.00	0.00	0.000	0.01	0.0	0.0	0.00	0.000	0.0	0.5

02C 01 PLUM CREEK
COUNTY ROAD BRIDGE 2.5 MI SOUTH OF BALDWIN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	THI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
770622								1240		
770525		0.00	0.00							
770411		0.00	0.00						425	210
761215								1200		
761101		0.02	0.02							

OSC 01 PLUM CREEK
COUNTY ROAD BRIDGE 2.5 MI SOUTH OF BALDWIN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	OIL + GREASE (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	BOD (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
760819		0.00	0.00							
760520		0.00	0.00			0.30				
760218		0.00				0.10				
751105		0.00				0.20				
750826		0.00				0.10				
750605								1000		
750505		0.00				0.20				
750210		0.00				0.30				
741218						0.30		1540		
741030		0.00				0.30				
741001						0.30				

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Addison Creek	GLA 01	I	170	92-93
Apple Creek	DB 01	II	68-70	38-39
Apple Creek	DB 02	II	70-71	39-40
Apple River	MN 01	II	356	--
Apple River	MN 02	II	356-357	220-221
Apple River	MN 03	II	357-358	221-222
Apple River	MN 04	II	358-359	222-223
Aux Sable Creek	DW 01	II	242-243	134-135
Bankston Creek	ATGC01	III	57-58	49-51
Bay Creek	AJ 01	III	28-29	27-28
Bay Creek (05513000)	KCA 01	II	329-330	194-195
Bear Creek	KI 01	II	330-331	195-197
Beaucoup Creek	NC 01	III	249-250	--
Beaucoup Creek	NC 02	III	250-253	169-170
Beaucoup Creek (05599000)	NC 03	III	253-254	170-172
Beaucoup Creek	NC 04	III	254-255	--
Beaucoup Creek	NC 05	III	255-256	172-173
Beaver Creek	PQD 04	II	417-420	258-259
Beck Creek	OQ 01	III	349-351	227-228
Big Bureau Creek	DQ 01	II	115-116	75-76
Big Bureau Creek	DQ 02	II	116-117	76-77
Big Creek	AO 01	III	34-35	32-33
Big Creek	BED 01	III	102-103	78-79
Big Creek	BJ 01	III	112	85-86
Big Creek	DJB 01	II	100	63-64
Big Creek	OP 15	III	348-349	226-227
Big Four Ditch	BPK 06	III	138	102
Big Grand Pierre Creek	AL 01	III	32-34	31-32
Big Indian Creek	DTA 01	II	213-214	112-113
Big Indian Creek	DTA 02	II	215	113-114
Big Muddy Creek	CJ 04	III	174-176	120-121
Big Muddy River	N 01	III	230-232	160-161
Big Muddy River	N 02	III	232-241	161-162
Big Muddy River	N 04	III	241-243	162-164
Big Muddy River	N 06	III	244-246	164-165
Big Muddy River	N 07	III	246-247	165-166
Big Muddy River	N 08	III	248	166-167
Big Rock Creek	DTC 01	II	217-218	115-116
Big Sandy Creek	DC 01	II	71-73	40-41
Black Run Ditch	ATGX01	III	59	51-52
Blackberry Creek	DTD 01	II	219-220	117-118
Bonpas Creek	BC 01	III	86-87	68-69
Boone Creek	DTZT01	II	240	--
Brewster Creek	DTZO01	II	234-235	--
Brouilletts Creek	BN 01	III	114	87-88
Butterfield Creek	HBDB01	I	262-265	123-124
Butterfield Creek	HBDB02	I	265	124-125
Cache River	AD 01	III	25-26	23-25
Cache River (03612000)	AD 02	III	26-27	25-26
Cache River	AD 03	III	27-28	26-27
Cache River	IX 01	III	193-194	--
Cache River	IX 02	III	194-195	134-135
Cache River	IX 03	III	195-196	135-136
Cahokia Canal	JN 01	III	216	146
Cahokia Canal	JN 02	III	217	147
Cahokia Canal No. 1	JMA 01	III	212-213	143
Cahokia Creek	JQ 02	III	223	153-154
Cahokia Creek	JQ 03	III	224	154-155
Cahokia Creek	JQ 04	III	225	155-156
Cahokia Diversion Canal	JQ 01	III	221-222	152-153
Calumet River	HAA 01	I	211-214	108-109
Calumet River	HAA 02	I	214-217	109-110
Calumet River	HAA 41	I	217-219	--
Calumet River	HAA 42	I	219-224	--
Calumet Sag Channel	H 01	I	184-188	102
Calumet Sag Channel	H 02	I	188-190	103
Calumet Sag Channel	H 03	I	190-193	104
Cane Creek	ATFJ01	III	52-53	45-46
Canteen Creek	JNA 01	III	218-219	148-149
Canteen Creek	JNA 02	III	219-220	149-150
Casey Fork Big Muddy River	NJ 07	III	279-281	194-195
Cedar Creek	DJP 01	II	101	64-65
Cedar Creek	LDD 01	II	340	207-208
Chicago River	HCB 01	I	287-290	131-132
Chicago River	HCB 02	I	290-293	132-133
Chicago Sanitary and Ship Canal	GI 01	I	132-133	73-74
Chicago Sanitary and Ship Canal (05537000)	GI 02	I	133-138	74-75
Chicago Sanitary and Ship Canal	GI 03	I	138-140	75-76
Chicago Sanitary and Ship Canal	GI 04	I	141-143	76-77
Chicago Sanitary and Ship Canal	GI 05	I	143-146	77-78

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Chicago Sanitary and Ship Canal	GI 06	I	146-148	79
Chicago Sanitary and Ship Canal	GI 07	I	149-151	80
Chicago Sanitary and Ship Canal	GI 08	I	151-153	81
Clear Creek	DTZF01	II	229	--
Clear Creek	EOD 01	II	297	173-174
Coal Creek	OQCA01	III	351	--
Contrary Creek	ATFF01	III	51-52	44-45
Coon Creek	PQF 06	II	422-424	260-261
Copperas Creek	LH 01	II	342-343	210-211
Court Creek	DJJ 01	II	101-102	65-66
Crab Orchard Creek	ND 01	III	261-262	177-179
Crab Orchard Creek	ND 02	III	262-263	179-180
Crab Orchard Creek	ND 03	III	263-264	180-181
Crab Orchard Creek (05597500)	ND 04	III	264-265	182-183
Crooked Creek	OJ 01	III	339	--
Crooked Creek	OJ 06	III	340-342	221
Crooked Creek	OJ 07	III	342-343	222-223
Crow Creek	DO 01	II	114-115	74-75
Crystal Creek	GN 01	I	174-175	95-96
Crystal Lake Creek	DTZR01	II	236-237	--
Crystal Lake Creek	DTZR02	II	237-238	130-131
Cypress Ditch	ATZM01	III	71-73	60-61
Deep Run	GIX 01	I	154-155	81-82
Deer Creek	HBDC01	I	266	125-126
Des Plaines River	G 01	I	15-19	16
Des Plaines River	G 02	I	20	16-17
Des Plaines River	G 03	I	21-24	17-18
Des Plaines River	G 04	I	24-28	18-19
Des Plaines River	G 06	I	28-29	--
Des Plaines River (05528000)	G 07	I	29-30	19-20
Des Plaines River (05527800)	G 08	I	30-32	20-21
Des Plaines River	G 09	I	32-34	21-22
Des Plaines River	G 10	I	34-36	22-23
Des Plaines River	G 11	I	36-40	23-24
Des Plaines River	G 12	I	40-43	24-25
Des Plaines River	G 13	I	43-45	25-26
Des Plaines River	G 14	I	46-48	26-27
Des Plaines River	G 15	I	48-50	27-28
Des Plaines River	G 16	I	51-53	28-29
Des Plaines River	G 17	I	53-55	29-30
Des Plaines River	G 18	I	55-57	30-31
Des Plaines River	G 20	I	58	31-32
Dismal Creek	CM 01	III	176-177	122-123
Drummer Creek	EY 01	II	300	177
Du Page River	GB 01	I	59-60	32-33
Du Page River	GB 02	I	60-62	33-34
Du Page River	GB 03	I	62-63	34-35
Du Page River	GB 04	I	63-64	35-36
Du Page River	GB 05	I	65	--
Du Page River	GB 08	I	65-67	36-37
Du Page River	GB 09	I	67-68	37-38
Du Page River	GB 10	I	69-70	38-39
Eagle Creek	ATE 01	III	43-45	38-39
East Branch Du Page River	GBL 01	I	100-101	56-57
East Branch Du Page River	GBL 02	I	101-103	58
East Branch Du Page River	GBL 05	I	103-105	59-60
East Branch Du Page River	GBL 06	I	105-106	--
East Branch Du Page River	GBL 07	I	106-108	60-61
East Branch Du Page River	GBL 08	I	109-111	61-62
East Branch Du Page River	GBL 09	I	111-113	62-63
East Fork Kaskaskia River	OK 01	III	345-346	224-225
East Fork La Moine River	DGL 01	II	89-90	54-55
East Fork Shoal Creek	OID 01	III	338-339	220
Edwards River (05466500)	LF 01	II	341-342	209-210
Elkhorn Creek	PH 01	II	396-397	243-244
Elm Creek	CD 01	III	170-171	116-118
Embarras River	BE 01	III	87-90	69-70
Embarras River	BE 02	III	90-92	70-71
Embarras River	BE 04	III	92-94	--
Embarras River	BE 05	III	94-96	--
Embarras River	BE 06	III	96-97	72
Embarras River (03345500)	BE 07	III	97-98	73-74
Embarras River	BE 08	III	98-99	74-75
Embarras River (03344000)	BE 09	III	99-100	75-76
Embarras River	BE 10	III	100-101	76-77
Embarras River	BE 11	III	101-102	77-78

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Farm Creek (05562000)	DZZP01	II	243-244	135-137
Farm Creek	DZZP02	II	244-245	137-138
Flag Creek	GK 01	I	156-158	83-84
Flag Creek	GK 02	I	158-159	84-85
Flat Branch	EOH 01	II	297-298	174-175
Flint Creek	DTZS01	II	238-239	132
Fountain Creek	JH 01	III	211-212	141-142
Fox River	CH 01	III	171	--
Fox River	CH 02	III	171-172	118-119
Fox River	CH 03	III	172-173	119-120
Fox River	DT 01	II	136-137	86-87
Fox River	DT 02	II	137-147	87-88
Fox River	DT 03	II	147-149	88-89
Fox River	DT 04	II	150-160	89-90
Fox River	DT 05	II	160-162	90-91
Fox River (05550000)	DT 06	II	162-173	91-92
Fox River	DT 07	II	173	--
Fox River	DT 08	II	173-175	--
Fox River	DT 09	II	175-177	92-93
Fox River	DT 10	II	178	--
Fox River	DT 11	II	178-180	93-94
Fox River	DT 12	II	180-182	--
Fox River	DT 13	II	182-183	94-95
Fox River	DT 14	II	183-184	--
Fox River	DT 15	II	184-186	95-96
Fox River	DT 16	II	186-187	96-97
Fox River	DT 17	II	187-189	97-98
Fox River	DT 18	II	189-190	98-99
Fox River	DT 19	II	190	--
Fox River	DT 20	II	191	--
Fox River	DT 21	II	191-193	99-100
Fox River	DT 22	II	193-194	--
Fox River	DT 23	II	195-196	100-101
Fox River	DT 24	II	196-197	101-102
Fox River	DT 26	II	198	102-103
Fox River	DT 28	II	199	--
Fox River	DT 29	II	199	--
Fox River	DT 30	II	200-202	--
Fox River	DT 31	II	202-203	--
Fox River	DT 32	II	203	--
Fox River	DT 33	II	203-204	103-104
Fox River	DT 34	II	205-206	104-105
Fox River	DT 35	II	206-207	105-106
Fox River	DT 36	II	207-208	106-107
Fox River	DT 37	II	209	--
Fox River	DT 38	II	209-210	107-108
Fox River	DT 41	II	210-211	108-109
Fox River	DT 42	II	211-212	109-110
Fox River	DT 43	II	212	110-111
Fox River	DT 44	II	213	111-112
Friends Creek	EV 01	II	299	176
Galena River	MQ 01	II	359-360	223-224
Galum Creek	NCD 01	III	257-259	174-176
Galum Creek	NCD 02	III	259-260	176-177
Grand Calumet River	HA 01	I	201-203	107-108
Grand Calumet River	HA 41	I	203-205	--
Grand Calumet River	HA 42	I	206-208	--
Grand Calumet River	HA 43	I	209-211	--
Green River	PB 01	II	390-391	238
Green River	PB 02	II	391-392	239-240
Green River	PB 03	II	392-393	240-241
Harding Ditch Canal No. 1	JMAC01	III	215	145
Henderson Creek	LD 01	II	336-337	203-204
Henderson Creek (05469000)	LD 02	II	338	204-205
Henderson Creek	LD 03	II	338-339	205-206
Hickory Creek	GG 01	I	114-117	64-65
Hickory Creek	GG 02	I	117-118	65-66
Hickory Creek	GG 03	I	119	--
Hickory Creek	GG 04	I	119-121	66-67
Hickory Creek	GG 05	I	121-122	67-68
Hickory Creek	GG 06	I	122-123	68-69
Hickory Creek	GG 07	I	124-125	69-70
Hollenback Creek	DTZG01	II	229-230	125
Horse Creek	OB 01	III	320-322	209-210
Horseshoe Lake	JNF 01	III	220	150-151
Hurricane Creek	NF 01	III	271	188-189
Hurricane Creek	OL 01	III	346-348	225-226

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Illinois and Michigan Canal	GBA 01	I	70	--
Illinois and Michigan Canal	GBA 02	I	70-71	39-40
Illinois and Michigan Canal	GH 01	I	127-129	72
Illinois and Michigan Canal	GH 02	I	129-132	73
Illinois and Mississippi Canal	DQZA02	II	118-119	78-79
Illinois and Mississippi Canal	PZX 01	II	440-441	269-270
Illinois and Mississippi Feeder Canal	PZXA01	II	441-442	270-271
Illinois River	D 01	II	15-18	16-17
Illinois River	D 02	II	18-21	17-18
Illinois River	D 03	II	21-24	18-19
Illinois River	D 04	II	24-27	19-20
Illinois River	D 05	II	27-30	21-22
Illinois River	D 06	II	30	--
Illinois River	D 07	II	31	--
Illinois River	D 08	II	31-34	--
Illinois River	D 09	II	34-37	22-23
Illinois River	D 10	II	37-40	23-24
Illinois River	D 11	II	40-43	--
Illinois River	D 13	II	43-45	--
Illinois River	D 14	II	46-48	24
Illinois River	D 15	II	48-50	25
Illinois River	D 16	II	50-51	26
Illinois River	D 17	II	51-52	--
Illinois River	D 18	II	52-53	27
Illinois River	D 20	II	53-54	27-28
Illinois River	D 22	II	54-55	28-30
Illinois River	D 23	II	55-57	--
Illinois River	D 26	II	57-58	30
Illinois River	D 27	II	58-59	31
Illinois River	D 28	II	60	32-33
Indian Creek	BEZB07	III	108-109	--
Indian Creek	DF 01	II	81-83	--
Indian Creek	DF 02	II	83-84	47-49
Indian Creek	DTZK01	II	232-233	127-128
Indian Creek	GU 01	I	181-182	99-100
Indian Creek	JQA 01	III	226	156-157
Indiana Harbor Canal	HAB 41	I	230-234	--
Iroquois River (05526000)	FL 02	II	312-314	182-183
Iroquois River	FL 03	II	315	183-184
Iroquois River (05525000)	FL 04	II	316	184-185
Jackson Creek	GC 01	I	113-114	63-64
Jelkes Creek	DTZQ01	II	236	--
Johnson Creek	MI 01	II	353-355	218-219
Kankakee River (05527500)	F 01	II	301-304	178
Kankakee River (05520500)	F 02	II	304-306	--
Kankakee River	F 03	II	306-308	178-179
Kankakee River	F 04	II	308-309	179-180
Kankakee River	F 05	II	310	180-181
Kankakee River	F 06	II	310-311	181-182
Kaskaskia River	O 01	III	283-290	198-199
Kaskaskia River	O 02	III	291-293	--
Kaskaskia River	O 03	III	293-296	199-200
Kaskaskia River	O 07	III	296-298	200-201
Kaskaskia River (05592500)	O 08	III	298-300	201-202
Kaskaskia River	O 09	III	300-301	--
Kaskaskia River (05592100)	O 10	III	301-302	202-203
Kaskaskia River (05592000)	O 11	III	302-306	203-204
Kaskaskia River	O 12	III	306-307	--
Kaskaskia River	O 13	III	307-309	204-205
Kaskaskia River	O 14	III	309-311	--
Kaskaskia River	O 15	III	311-312	205-207
Kaskaskia River (05590400)	O 16	III	312-316	207
Kaskaskia River	O 17	III	316-318	--
Kaskaskia River	O 18	III	318	--
Kaskaskia River	O 19	III	318-319	--
Kaskaskia River	O 20	III	319-320	208
Kellogg Ravine	QF 01	I	343-344	157-158
Kickapoo Creek	BEN 01	III	107	82-83
Kickapoo Creek	DL 01	II	110-112	72-73
Kickapoo Creek	DL 02	II	112-114	73-74
Kickapoo Creek	EIE 01	II	288-290	163-164
Kickapoo Creek	EIE 02	II	290-291	164-165
Kickapoo Creek	EIE 03	II	291-292	165-166
Killbuck Creek	PQB 02	II	409-411	253
Kincaid Creek	NB 01	III	249	168-169
Kishwaukee River	PQ 01	II	401-403	248-249
Kishwaukee River	PQ 02	II	403-404	249-250
Kishwaukee River	PQ 03	II	404-405	--
Kishwaukee River	PQ 07	II	405-406	--
Kishwaukee River	PQ 09	II	407	250-251
Kishwaukee River	PQ 10	II	408	251-252

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Kress Creek	GBKB01	I	92-94	53
Kress Creek	GBKB02	I	94-95	--
Kress Creek	GBKB03	I	95-96	54
Kress Creek	GBKB04	I	96-98	55
Kress Creek	GBKB05	I	98-99	55-56
Kress Creek	GBKB06	I	99	--
Kyte River	PL 01	II	398-399	245-246
Kyte River	PL 02	II	399-400	246-247
La Moine River (05585000)	DG 01	II	84-86	49-50
La Moine River	DG 02	II	86-87	50-51
La Moine River	DG 03	II	87-88	51-53
Lake Creek	NGA 01	III	275-276	192-193
Lake Fork (05579500)	EIG 01	II	292-293	166-167
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Lake Michigan	QK 02	I	412-415	--
Lake Michigan	QK 03	I	415-416	--
Lake Michigan	QK 04	I	416-419	180-182
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Lake Michigan	QK 07	I	423-426	182-183
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Lake Michigan	QZA 05	I	568-569	--
Lake Michigan	QZA 06	I	569-570	--
Lake Michigan	QZA 07	I	570	--
Lake Michigan	QZA 08	I	571	--
Lake Michigan	QZB 01	I	571-572	--
Lake Michigan	QZB 02	I	572-573	--
Lake Michigan	QZB 03	I	573	--
Lake Michigan	QZB 04	I	574	--
Lake Michigan	QZB 05	I	574-575	--
Lake Michigan	QZB 06	I	575-576	--
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Mazon River	DV 02	II	241	133
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North Fork Saline River	ATF 03	III	45-48	39-41
North Fork Saline River	ATF 04	III	48-49	41-42
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Rock River	P 08	II	375-377	229-230
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Vermilion River	DS 01	II	121-125	81-82
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Vermilion River	DS 03	II	127-129	83
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