CHEMICAL ANALYSES OF SURFACE WATER IN ILLINOIS, 1958–74
VOLUME III
OHIO RIVER TRIBUTARIES AND MISSISSIPPI RIVER TRIBUTARIES SOUTH OF ILLINOIS RIVER BASIN

By R. W. Healy and L. G. Toler

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Ohio River tributaries and Mississippi River tributaries south of the Illinois River basin

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ABSTRACT

Samples of surface water were collected and analyzed by the Illinois Environmental Protection Agency and its predecessor, the Stream Pollution Control Bureau of the Illinois Department of Public Health. The results for the period 1958 to 1974 are presented in tabular form and the history of sampling and analytical methods 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 their water quality sampling program is to determine the nature and extent of water pollution in the State, and to provide the basic water quality data necessary to carry out the Agency's mission of reducing pollution of Illinois waters.

In 1974, the latest year for which data are included in this report, the Agency collected samples at 614 sites. The most common frequency of sample collection was monthly. Each year the Agency 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. White that summary served the needs of many data users and fulfilled the Agency's objective of determining the nature and extent of water pollution, there are many data users who would benefit much more from the actual analyses than from the summary. The main purpose of this report is to make all the data available to data users.

The U.S. Geological Survey (USGS) maintains a network of streamflow gaging stations in Illinois in cooperation with State, local, and other Federal agencies. Many of the stations sampled by the Illinois Environmental Protection Agency and included in this report, are at or near these gaging stations. Because discharge data are necessary for computing loads and assessing stream conditions associated with the time of sampling, discharge values from USGS records have been added where possible.

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 sample was collected. It should be recognized that 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 discharge values obtained were merged into the computer file of chemical analyses and used in a series of programs to evaluate the possibility of gross differences in the data that might result from differences in analytical laboratories, time changes that might indicate invalid data, and discharge to chemical parameter relationships or parameter to other parameter relationships that might appear suspect. The data presented in table 5 were finally visually scanned for gross errors. No large blocks of data were eliminated.

DEFINITION OF TERMS

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

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

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

Coliform organisms are a group of bacteria used as an indicator of the sanitary quality of the water. The number of coliform colonies per 100 milliliters is determined by the immediate incubation membrane filter method.

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 approximately 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.

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 ($CaCO_3$).

Milligrams per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represents the weight 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.

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	Iodide (I^{-1})	0.00788
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
Calcium (Ca^{+2})	.04990	Manganese (Mn^{+2})	.03640
Carbonate (CO_3^{-2})	.03333	Nickel (Ni^{+2})	.03406
Chloride (Cl^{-1})	.02821	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	Sodium (Na^{+1})	.04350
Fluoride (F^{-1})	.05264	Strontium (Sr^{+2})	.02283
Hydrogen (H^{+1})	.99209	Sulfate (SO_4^{-2})	.02082
Hydroxide (OH^{-1})	.05880	Zinc (Zn^{+2})	.03060

Methylene blue active substance (MBAS) is a measure of apparent detergents. The determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

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.

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.

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.

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

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

Methods of sample collection and preservation are not well documented prior to about 1972. The general procedure for collecting samples was to take a dip sample with a bucket from the upper six to eight inches of the water column in mid stream. 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.

Preservation procedures are documented since about 1972 and, in general, are compatible with those in use during the 1974 water year. Special color coded bottles, with required preservatives previously added in the laboratory, are supplied to the field personnel. These bottles are filled from the sampling bucket and immediately refrigerated if required. Table 2 summarizes the latest methods of preservation.

Table 2.—Methods of Sample Preservation

Bottle Type	Bottle Size (ounces)	Preservative	Constituent
Plastic	64	Refrigeration	Alkalinity BOD Boron COD Hexevalent chromium MBAS (discontinued) Nitrogen species Phosphorous species Residue on evaporation pH Sulfate Suspended solids
Plastic	6	2.0 ml $CuSO_4 + H_3PO_4$	Phenol
Glass	6	0.15 ml 10 percent thiosulfate and refrigeration	Fecal coliform bacteria
Glass	32	4.0 ml 1:1 H_2SO_4 and refrigeration	Oil
Plastic	6	0.4 ml 2N zinc acetate	Sulfide
Plastic	32	20 ml 1:1 HNO_3	Metals
Plastic	6	1.0 ml 5N NaOH and refrigeration	Cyanide
Glass	128	Refrigeration	Pesticides
Glass	2	2.5 ml 37 percent formaldehyde	Plankton

In October 1967, the reporting units for temperature, in reports of the U.S. Geological Survey, were changed from degrees Fahrenheit (°F) to degrees Celsius (°C). For consistency, all temperature values in this report are in degrees Celsium and may be converted to degrees Fahrenheit by using table 3.

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.

All samples for chemical analyses were collected by personnel of the Illinois Environmental Protection Agency and its predecessor. All samples, except some for stations I 81, K 81, J 81, and J 82 which were analyzed by the U.S. Geological Survey, were analyzed by the Illinois Environmental Protection Agency 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. The history of analytical methodology, as it can be documented, is summarized in table 4.

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

A. Property or constituent for which methodology has remained relatively unchanged over the past 10 years. All results should be compatible.

B. Property or constituent for which methodology has changed over the past 10 years but results should be compatible.

C. Property or constituent for which there are questions about methodology and compatibility or they are unknown prior to mid 1972.

PROPERTY OR CONSTITUENT	LAB	COMPATI-BILITY	METHOD SUMMARY
ALKALINITY	All	A	Titrimetric method using standard acid and methyl purple indicator (pH of end point 4.8).
TOTAL ACIDITY	All	C	Titration to phenolphthalein end point (pH 8.2).
	1		Prior to mid 1972; titrated at boiling temperature. Mid 1972 to February 1975; titrated hot after adding peroxide and back titrated as per American Society of Testing and Materials (ASTM) procedures. Feb. 1975 to present; titrated at ambient temperature which for some samples caused a reduction in values.
	2		1967 to present; titrated at boiling temperature.
	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.
BORON	All	C	Prior to mid 1972; no record of method. Mid 1972 to present; colorimetric (carminic acid) on auto-analyzer.
BIOCHEMICAL OXYGEN DEMAND (BOD)	All	A	Determination accomplished by diluting suitable portions of the sample with water saturated with oxygen and measuring the dissolved oxygen in the mixture immediately and after a period of 5 days incubation at 20°C.

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

PROPERTY OR CONSTITUENT	LAB	COMPATI-BILITY	METHOD SUMMARY
CHEMICAL OXYGEN DEMAND (COD)	1	C	Dichromate reflux method except for a period from 1970 to 1972 when autoanalyzer techniques were used. Results may not be compatible.
	2	C	Dichromate reflux prior to 1968. Autoanalyzer procedures from 1968 to present. Samples filtered if a lot of particulate matter present.
	3	A	Dichromate reflux method.
CHLORIDE	All	B	Mercuric nitrate titration prior to 1968. Changed to colorimetric ferricyanide autoanalyzer method during period 1968 to 1972. Currently all laboratories use latter method.
COLOR	1,3	B	Colorimetric and spectrophotometric. Most are colorimetric.
	2	A	Initiated in 1973. Visual comparison with chloroplatinate standards.
CYANIDE	1	C	Prior to mid 1972; pyridine-benzidine colorimetric method either manually distilled or direct. From mid 1972 to April 1975; automated pyridine-benzidine with micropredistillation. April 1973 to present; automated pyridine-barbituric acid method with micropredistillation.
	2	C	Same as laboratory 1 except automated pyridine-benzidine method began in March 1973.
	3	C	Same as laboratory 1 but exact month of changes not available.
FLUORIDE	1	B	Prior to mid 1972; a combination of automated distillation, manual distillation and ion electrode without distillation. Mid 1972 to present; colorimetric SPADNS on Technician Autoanalyzer using a microdistillation step in the analysis.

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

PROPERTY OR CONSTITUENT	LAB	COMPATI-BILITY	METHOD SUMMARY
FLUORIDE (continued)	2	B	Prior to December 1973; specific ion electrode, no distillation. December 1973 to present; automated colorimetric SPADNS method as above.
	3	B	Prior to 1968; colorimetric with manual distillation. 1968 to present; automated colorimetric SPADNS method as above.
HARDNESS	All	A	EDTA titrimetric method.
NITROGEN: AMMONIA	1,3	C	Prior to mid 1972; direct nesslerization. 1972 to present; colorimetric analysis (phenolate method) on autoanalyzer.
	2	C	1967 to March 1971; direct nesslerization. March 1971 to August 1974; colorimetric phenolate analysis on autoanalyzer. August 1974 to present; automated phenolate method using sodium nitroprusside to give greater sensitivity.
NITROGEN: NITRATE	All	C	Prior to February 1968; analysis by phenoldisulfonic acid method (manual). February 1968 to November 1972; hydrazine reduction method on autoanalyzer. 1972 to present; cadmium reduction method on autoanalyzer.
OIL	All	C	Prior to mid 1972; carbon tetrachloride extraction of oil: gravimetric analysis. 1972 to present; solvent changed to Freon in the extraction. Compatibility of results unknown.
DISSOLVED OXYGEN	All	A	Azide modification of Winkler method (iodometric titration).
pH	All	A	pH meter, using known standards for meter calibration.

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

PROPERTY OR CONSTITUENT	LAB	COMPATI-BILITY	METHOD SUMMARY
PHENOL	1	C	Prior to mid 1972; manual distillation followed by colorimetric analysis by the Gibbs method (formation of antipyrine dye followed by extraction by n-butanol). 1972 to present; colorimetric analysis (4-aminoantipyrine with potassium ferricyanide) on autoanalyzer with automated distillation. Compatibility unknown.
	2,3	C	Automated method started in 1968.
MBAS	1	C	Analysis discontinued in 1974 due to poor credibility of results.
	2	C	1967 to February 1968; colorimetric analysis (methylene blue method). Changed to colorimetric autoanalyzer in February 1968. Discontinued in 1976.
	3		No record.
METALS, GENERAL BARIUM CADMIUM CALCIUM CHROMIUM COPPER	1	C	Prior to mid 1972; colorimetric methods on non-preserved samples. Mid 1972 to present; atomic absorption method directly from acid-preserved sample: No digestion prior to analysis. Values lower than total metal concentration.
IRON LEAD MAGNESIUM MANGANESE NICKEL SILVER	2	C	Atomic absorption initiated in October 1971. Samples preserved with concentrated nitric acid since June 1973. Al, Ca, Mg, Na, K, and Ag added in mid 1972. 1973 to present; lead analyzed by the boat method.
ZINC	3	C	Prior to late 1967; all metals analyzed by manual colorimetric methods on non-preserved sample. After late 1967, Cu, Fe, Mn, Ca, and Mg analyses were on acid preserved samples by atomic absorption.
METALS, SPECIFIC MERCURY	All	B	1972 to 1973; MAS mercury analyzers used for analysis. 1973; mercometer analyzers used. Presently 2 labs using semi-automated-flameless atomic absorption.

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

PROPERTY OR CONSTITUENT	LAB	COMPATI-BILITY	METHOD SUMMARY
METALS, SPECIFIC (continued)			
ARSENIC SELENIUM	All	C	Generation of gaseous anhydride by sodium borohydride reduction followed by atomic absorption analysis. (Initiated in 1973 in Champaign and Marion labs; in 1972 in Chicago.)
PHOSPHATE (TOTAL INORGANIC)	1,3	C	Prior to mid 1972; manual analysis. Strong acid digestion followed by stannous chloride reduction or amino napthal sulfonic acid (colorimetric analysis). 1972 to present; colorimetric analysis on autoanalyzer using stannous chloride reduction. Compatibility of results unknown.
	2	C	1967 to March 1971; stannous chloride method. March 1971 to February 1972; autoanalyzer used; amino napthal sulfonic acid reduction. February 1972 to present; automated stannous chloride method used.
RESIDUE ON EVAPORATION	All	A	Gravimetric analysis of sample filtered through a glass fiber filter and dried at 180°C.
SILICA	1,3		Not reported.
	2	A	Late 1973 to present; ANSA method on autoanalyzer.
SULFATE	All	B	Prior to 1972; manual turbidimetric analysis. Between 1972 and 1973; converted to automated turbidimetric analysis. 1973 to present; methylthymol blue method of analysis on autoanalyzer.
SPECIFIC CONDUCTANCE	All	A	Wheatstone bridge with standardized conductivity cell.
SUSPENDED SOLIDS	All	A	Gravimetric analysis. Filtration is performed with glass fiber filters; sample dried at 103°C.
VOLATILE SUSPENDED SOLIDS	All	A	Gravimetric analysis; glass fiber filters used in TSS analysis ignited in furnace at 550°C.

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

PROPERTY OR CONSTITUENT	LAB	COMPATI-BILITY	METHOD SUMMARY
TURBIDITY	1	B	Prior to mid 1972; analysis by Jackson turbidimeter. 1972 to present; analysis on nephelometer.
	2	B	Prior to 1971; analysis on Jackson or Hellige turbidimeter. 1971 to present; analysis on Hach nephelometer.
	3		Not reported.

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.

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

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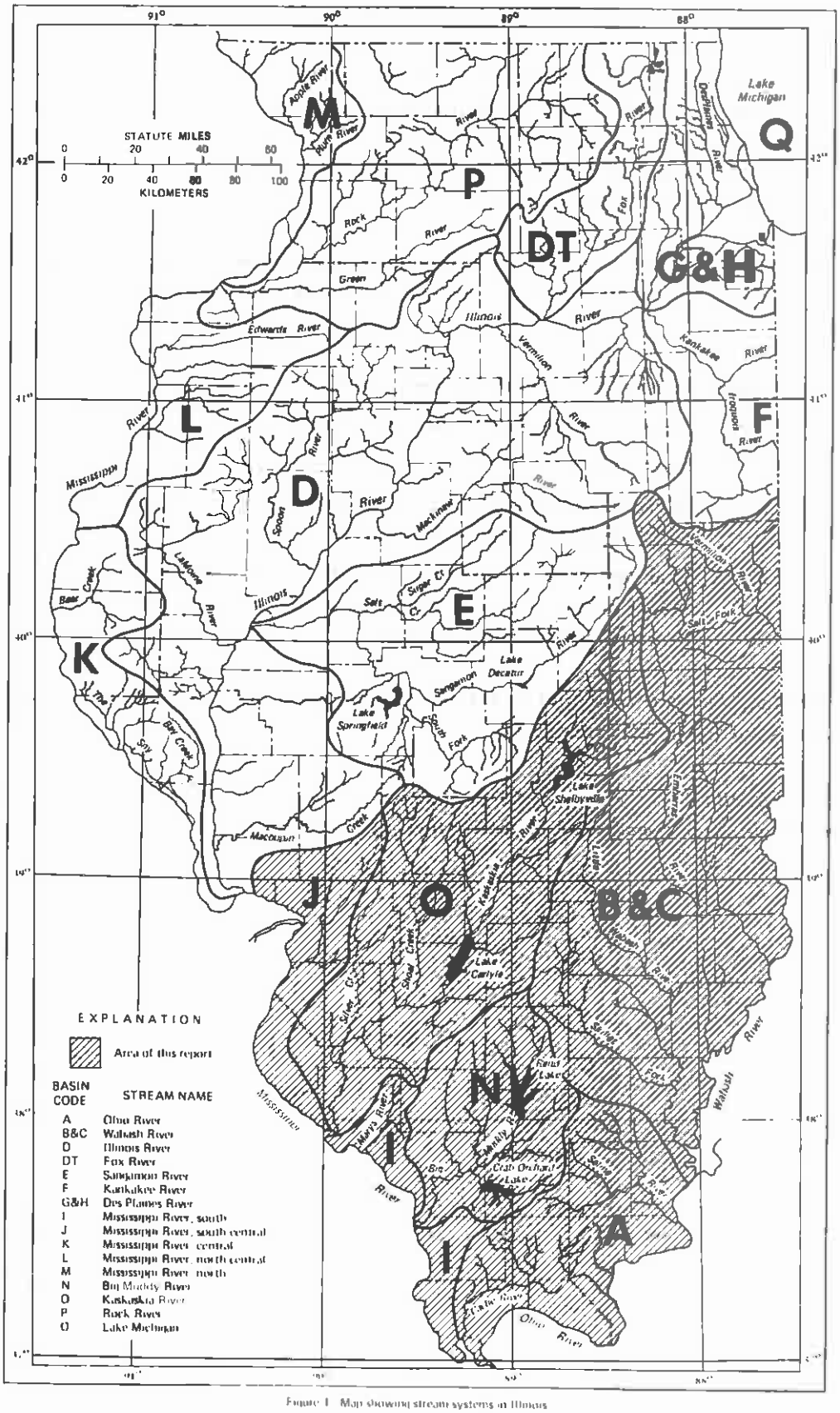

Figure 1. Map showing stream systems in Illinois

Table 5.--Chemical analyses of surface water

A 01 OHIO RIVER
GOLCONDA WATER INTAKE BUOY SOUTH RONDEAU 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
740918	179000	25.0	8.2	6.7	0.170		0.005	260	0.00	0.9	333		0.20	
740813	85600	26.7	3.0	7.1	0.100		0.000	120	0.00	1.4	417	0.0	0.20	
740716		28.9	2.6	7.8	0.110		0.005	80	0.10	1.9	417		0.20	
740606	454000	22.2	6.9	7.3	0.510		0.005	240	0.10	1.4	317		0.40	
740522	273000	20.0	7.9	7.0	0.080		0.005	50	0.00	1.0	367	0.0	0.40	
740425	194000	16.1	8.2	7.5	0.290		0.005	330	0.05	1.6	383		0.20	
740327	402000	11.1	4.7	7.9	0.100		0.250	340	0.00	1.2	283		0.20	
740204	544000	5.6	10.9	7.7	0.170		0.005	40	0.15	2.3	333	0.2	0.50	
740116	505000	3.9	12.1	7.7	0.360		0.005	320	0.15	1.2	283		0.40	
731206	513000	7.8	8.8	7.5	0.450		0.010	730	0.00	1.5	300		0.20	
731106	125000	12.8	9.4	7.9	0.260		0.005	570	0.15	2.0	650	0.0	0.50	
731025		17.2	11.7	8.4	0.120		0.005	180	0.05	1.6			0.20	
731010		23.9	9.1	8.0	0.130		0.005	300	0.10	1.4	633		0.50	
730911		26.7	7.2	8.2	0.100		0.000	1200	0.10	1.0	517	0.0	0.50	
730718	75000	26.7	8.0	8.0	0.140		0.010	350	0.15	2.0	433		0.40	
730613	211000	24.4	6.4	7.6	0.180		0.000	400	0.15	2.5	350		0.60	
730501	472000	15.6	8.4	7.8	0.220		0.000	260	0.13	1.1	317	0.0	0.40	
730405	420000	12.2	9.5	7.8	0.120		0.007	150	0.30	1.7	333		0.50	
730301	121000	6.1	11.8	7.9	0.480		0.000	160	0.53	1.4	383		0.50	
730207	304000	5.6	11.8	7.7	0.180		0.000	110	0.50	2.0	433	0.3	0.50	
730123	167000	4.4	11.4	7.8	0.330		0.000	400	0.13	0.3	383		0.20	
721121	330000	6.7	9.7	7.8	0.410		0.006	510	0.13	1.4	350		0.60	
721024		15.0	9.9	8.0	0.150		0.000	900	0.24	2.3	717	0.0	0.80	
720926		23.9	7.5	7.8	0.130		0.007	6000	0.10	1.7	417	0.0	0.60	
720907		25.0	7.3	8.1	0.070		0.010	10	0.37	0.6	383	0.0	0.70	
720814		26.1	9.8	7.4	0.610		0.005	10	0.11	1.1	403	0.0	0.50	
720726		29.4	10.5	7.8	0.040		0.000	10	0.18	1.5	367	0.0	0.10	
720719	96300	26.1	6.9	7.8	0.560		0.000	200	0.05	1.4	333		0.30	
720711	215000	21.7	6.9	7.6	0.040		0.000	600	0.13	0.9	300		0.40	
720608		24.4	8.1	7.7	0.070		0.000	190	0.13	1.1	417		0.30	
720509	281000	17.2	6.6	8.0	0.060		0.000	120	0.08	1.8	333		0.50	65
720417	536000	14.4	8.1	7.5	0.030		0.000	800	0.23	1.6	275		0.40	
720222	272000	4.4	12.2	7.3	0.060		0.000	150	0.40	1.3	378		0.00	90
711108		14.4	12.4	7.2	0.228	12		30	0.10	0.2				45
710603	117000	21.1	7.5	7.4	0.359	41			0.50	0.5			0.90	75
710428	65000	17.8	9.3	7.8	0.196	2			0.10	0.2			0.00	55
710324	274000	7.2	11.2	7.8	0.392	2			0.30	0.5			0.00	140
701118	116000	10.6	9.9	7.6	0.131	23			0.40	0.2			0.80	90
700902		28.9		7.8	0.033	12			0.30	0.2			0.60	25
700722		26.1	7.8	7.7	0.065	12	0.000	400		0.2			0.90	13
700617	99300	25.6	6.7	6.9	0.000	6			0.10	0.2			0.50	120
700415	435000	12.8	7.4	7.4	0.424	9			0.40	0.2			0.10	110
700218	346000	3.3	12.2	7.6	0.424	9			0.40	0.2			0.10	130
691009		22.2	7.9	7.8	0.065	7			0.20	0.2			0.90	40
690821	70200	28.3	7.3	7.8		8	0.000	160	0.10	0.2			0.70	70
690717	153000	28.9	4.5	7.4	0.196	14			0.20	0.2			0.10	95
690528	158000	21.7	7.1	7.5	0.326	10			0.20	0.2			0.00	90
690403	176000	9.4	10.6	7.3	0.131	14			1.00	0.7			0.00	90
690219	276000	3.3	11.4	7.4	0.359	12			0.10	1.4			0.00	120
681211	155000	6.1	11.2	7.6	0.359	7			0.60	0.5			0.10	90
681016		20.6	8.9	7.4	0.196	11			0.20	0.5			0.20	25
680828		27.2	8.1	7.8	0.261	17	0.000	30	0.10	1.1			0.20	40
680717		28.3	6.6	7.8	0.098	12			1.30	1.6			0.20	50
680606	720000	21.1	6.4	7.6	0.033	11			0.10	0.9			0.30	110
680424	166000	16.7	7.5	7.6	0.098	11			0.80	1.4			0.30	160
680320	410000	8.3	10.1	7.3	0.359	10			1.80	1.1			0.20	240
680124	126000	2.8	13.2	7.5	0.000	4			1.00	1.4			0.10	73
671213	239000	8.3	10.3	7.6	0.979	7			1.10	0.9			0.70	130
671025		15.6	9.6	8.0	0.033	22			0.70	0.2			0.10	55
670920		25.0	7.4	7.5	0.098	10	0.000		0.60	0.9			0.10	20
670809	70500	25.0		7.1					1.50	0.2			0.20	230
670614		26.1	10.3	7.8									0.10	20
670503	295000	16.7	8.2	7.3									0.20	170
670227	179000	3.3	12.8	7.6									0.30	70
670123	53000	7.8	12.5	7.7									0.20	60
661214	405000	10.6	8.9	7.6									0.30	260
650802		27.8	5.8	7.5									0.20	25
641201	80000	7.8	9.9	7.6									0.40	45

A 01 OHIO RIVER
GOLCONDA WATER INTAKE BUOY SOUTH ROMDEAU ISLAND —CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
630730		27.8	7.4	7.8									0.50	20
620815		25.6	6.4	7.6									0.00	15
611121		10.0	10.1	7.6									0.10	35
590722		15.0	7.3	8.5									2.00	15
580616	162000		5.6	7.6					0.10	0.2				300

A 01 OHIO RIVER
GOLCONDA WATER INTAKE BUOY SOUTH ROMDEAU ISLAND —CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740813		0.0	0.000	0.7	0.13	0.0	0.2	23	75	0.00	0.01	0.0		
740522		0.0	0.000	2.0	0.14	0.0	0.1	18	66	0.00	0.02	0.0		
740204		0.0	0.000	3.0	0.15	0.0	0.2	16	51	0.00	0.01	0.1		
731106		0.0	0.000	1.0	0.18	0.0	0.3	54	129	0.00	0.01	0.0		
730911		0.0	0.000	0.6	0.05	0.0	0.3	32	87	0.00	0.00	0.0		
730501		0.0	0.000	2.6	0.10	0.0	0.2	14	48	0.00	0.02	0.0		
730207			0.000	3.0	0.15		0.2	25	65	0.06	0.03	0.0		
721024		0.0	0.000	0.5	0.07	0.0	0.3	37	115	0.10	0.02	0.0		
720509		0.0	0.000	2.3	0.25	0.0	0.2	16	65	0.04	0.01	0.0		
720222			0.000	4.6	1.56			20	75					
700722		0.0	0.000	0.1	0.00	0.0	0.4	42	127	0.00	0.00	0.0	206	88
690821		0.0	0.000	0.0		0.0	0.4			0.00	0.00	0.0		
690717				0.0			0.0				0.00			
680828		0.5	0.000	0.2	0.00	0.0	0.3	32	29	0.05	0.00	0.0	196	112
670920		0.0	0.000	0.1	0.00	0.0	0.5	58	43	0.00	0.00	0.0	232	100
670614	2							19	28				176	124
670503	2							21	15				132	74
670227	1							29	19				186	86
670123	1							26	22				168	102
661214	3							36	17				224	124
650802	1							36	22				164	96
641201	3							53					184	68
630730	1							14	46				172	104
620815	4							53	12				164	86
611121	2							64					220	80
590722	1						0.2	30					176	98
580616				0.1	0.30		0.3	14	62				133	84

A 01 OHIO RIVER
GOLCONDA WATER INTAKE BUOY SOUTH ROMDEAU ISLAND —CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740813	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740522	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740204	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
731106	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
730911	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
730501	0.000	0.1	0.010	0.00	0.00			0.00	0.000					
730207			0.000	0.00	0.00									
721024	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720509			0.000	0.00	0.00				0.000					
720222							0.06							
700722			0.000	0.00	0.00									
690821	0.000		0.000	0.00	0.00									
690717			0.000											
680828	0.000		0.000	0.00	0.00									
670920	0.000		0.000	0.00	0.00									
670809													16	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	NBAS (MG/L)	TURBID-ITY UNITS
740918		22.2	8.0	6.9	0.150		0.005	340	0.00	1.0	333	0.0	0.10	
740812		28.9	2.7	7.7	0.100		0.005	180	0.05	1.2	400		0.20	
740717		26.1	2.3	7.5	0.090		0.005	300	0.15	1.6	383		0.20	
740617		22.8	7.7	7.5	0.220		0.010	240	0.10	1.0	283	0.0	0.50	
740507		18.3	8.8	7.8	0.130		0.005	390	0.05	1.4	417		0.40	
740410		10.0	9.3	7.8	0.350		0.000	280	0.10	1.6	350		0.30	
740327		9.4	10.7	8.0	0.160		0.000	300	0.05	1.5	317	0.2	0.30	
740204		4.4	11.0	7.6	0.150		0.000	30	0.15	2.5	333		0.50	
740116		5.0	11.6	7.5	0.160		0.005	70	0.20	1.5	300		0.50	
731206		7.2	8.6	7.7	0.380		0.025	740	0.00	1.4	350	0.2	0.20	
731106		13.3	9.8	8.0	0.100		0.005	240	0.00	1.8	560		0.50	
731025		20.0	8.5	8.0	0.200		0.005	10	0.10	0.9			0.20	
731010		23.9	8.4	7.9	0.110		0.000	160	0.20	1.2	600	0.0	0.50	
730912		26.7		8.3	0.120		0.005	400	0.10	0.7	400		0.20	
730702		26.7	7.8	8.1	0.360		0.005	800	0.20	2.0	383		1.60	
730613		24.4	6.2	7.7	0.240		0.000	100	0.15	2.1	300	0.3	0.40	
730501		15.6	8.2	7.7	0.140		0.000	480	0.23	1.1	300		0.40	
730405		11.7	8.9	7.6	0.150		0.008	190	0.33	1.0	300		0.30	
730301		5.0	12.0	8.0	0.190		0.000	110	0.34	1.4	400	0.0	0.50	
730207		5.0	11.8	7.7	0.170		0.000	310	0.55	2.1	433		0.50	
730123		3.9	11.7	7.8	0.290		0.000	500	0.08	1.4	367		0.40	
721120		6.7	10.4	7.1	0.340		0.007	360	0.15	2.1	367		0.50	
721024		15.0	9.5	8.0	0.150		0.000	420	0.18	2.2	550	0.0	0.80	
720926		23.9	7.7	7.8	0.090		0.007	6000	0.09	0.1	383	0.2	0.40	
720907		26.7	7.6	8.0	0.090		0.005	90	0.24	0.7	317	0.0	0.60	
720829		27.8	8.6	7.8	0.120		0.005	30	0.20	1.1	350	0.0	0.60	
720719		25.6	6.9	7.6	0.270		0.000	190	0.05	1.5	317	0.0	0.40	
720608		23.9	9.0	8.2	0.100		0.000	20	0.09	1.2	400		0.03	10
720508		17.8	6.4	7.9	0.060		0.000	170	0.08	1.8	333		0.50	
720417		12.8	8.0	7.4	0.040		0.000	800	0.23	1.5	275		0.40	
720314		6.1	10.0	6.8	0.010		0.000	150	0.30	1.6	273		0.42	75
720201		4.4	11.9	7.2	0.710		0.000	310	0.30	1.0	317		0.50	87
711108		13.9		8.0	0.163	8		90	0.10	0.2				30
711012		21.1	7.8	7.8	0.131	29		100	0.00	0.0				25
710603		21.1	7.5	7.4	0.392	40			0.40	0.5			1.00	70
710324		7.2	10.7	7.9	0.392	5			0.30	0.5			0.00	
701118		10.6	10.0	7.6	0.065	23			0.30	0.2			0.80	75
700902		28.9		8.0	0.033	12			0.10	0.2			0.50	25
700722		25.6	7.7	7.8	0.065	12	0.000	10	0.10	0.2			0.90	13
700617		26.7	7.0	7.5	0.065	10			0.20	0.2			0.50	75
700415		12.8	8.2	7.5	0.489	12			0.40	0.2			0.00	180
700218		4.4	12.3	7.6	0.653	10			0.50	0.2			0.20	290
691009		22.2	7.6	7.6	0.065	10			0.10	0.2			0.90	35
690821		28.3	8.0	8.0	0.065	8	0.000	10	0.10	0.2			0.70	80
690717		29.4	4.7	7.4	0.131	14			0.30	0.2			0.10	55
690528		21.7	7.1	7.6	0.294	7			0.20	0.2			0.20	80
690403		9.4	10.7	7.4	0.098	11			1.20	0.7			0.00	85
690219		3.3	11.3	7.4	0.424	10			0.10	1.4			0.10	150
681211		6.1	10.9	7.6	0.359	10			1.00	0.9			0.10	100
681016		20.6	9.8	7.3	0.131	10			0.10	0.2			0.20	25
680828		26.7	7.2	7.6	0.163	16	0.000	10	0.10	1.1			0.20	70
680717		28.3	7.1	7.8	0.914	14			1.00	1.6			0.20	140
680606		21.7	5.8	7.6	0.033	14			0.10	2.5			0.30	110
680424		16.1	8.1	7.6	0.163	11			0.80	1.4			0.40	190
680320		8.3	9.8	7.4	0.457	8			2.10	2.0			0.30	280
680124		2.2	12.7	7.5	0.000	5			0.50	1.6			0.10	67
671213		8.3	10.0	7.6	1.305	8			1.10	0.9			0.40	140
671025		14.4	9.2	8.2	0.033	10			0.60	0.5			0.10	45
670920		25.0	6.9	7.4	0.098	12	0.000		0.50	0.5			0.10	26
670809		26.7		7.5					1.10	0.2			0.20	55
670614		26.1	8.6	7.8									0.10	15
670503		16.7	8.1	7.3									0.20	120
670227		2.2	12.8	7.9									0.30	70
670123		8.3	12.7	7.7									0.30	50
661214		8.3	8.9	7.4									0.30	200
650802		26.7	5.5	7.6									0.10	20
641130		7.8	10.6	7.5									0.30	35
630730		27.8	6.7	7.8									0.50	10
620815		25.6	7.2	7.6									0.00	10
611121		10.0	10.1	7.6									0.10	30

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
590721		27.8	8.2	8.5									2.00	18
580616			5.9	7.7					0.00	0.5				240

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740918		0.0	0.000	2.1	0.14	0.0	0.2	18	50	0.00	0.00	0.0		
740617		0.0	0.000	2.6	0.19	0.0	0.2	9	30	0.00	0.01	0.0		
740327		0.2	0.000	1.3	0.10	0.0	0.1	14	54	0.00	0.01	0.0		
731206		0.0	0.000	4.8	0.20	0.0	0.2	19	70	0.02	0.02	0.0		
731010		0.0	0.000	0.5	0.07	0.0	0.3	41	105	0.43	0.20	0.1		
730613		0.1	0.000	3.5	0.30	0.0	0.2	16	57	0.00	0.02	0.0		
730301		0.0	0.000	2.2	0.20	0.0	0.2	21	55	0.05	0.02	0.0		
721120			0.000	3.2	0.10	0.0	0.2	22	70	0.02	0.01	0.0		
720907		0.0	0.000	0.6	0.05	0.0	0.2	19	55	0.10	0.01	0.0		
720608		0.0	0.000	0.4	0.08	0.0	0.2	22	72	0.14	0.32	0.0		
720314			0.000	3.3	0.21		0.1	15	61	0.19				
720201			0.000	2.6	0.14		0.1	20	67					
700722		0.0	0.000	0.1	0.00	0.0	0.3	36		0.00	0.00	0.1	182	92
690821		0.0	0.000	0.0		0.0	0.4			0.00	0.00	0.0		
690717				0.0			0.0				0.00			
680828		0.0	0.000	0.5	0.10	0.0	0.3	28	19	0.07	0.00	0.0	176	130
670920		0.0	0.000	0.1	0.00	0.0	0.3	38	19	0.10	0.00	0.0	140	80
670614	1							18	28				172	106
670503	2							22	20				154	84
670227	2							29	22				202	86
670123	2							23	17				168	102
661214	3							56	19				236	120
650802	1							14	11				58	60
641130	3							61					196	74
630730	1							8	11				120	80
620815	2							44	22				108	80
611121	2							56	80				178	76
590721	3						0.3	23					172	100
580616				0.5	0.00		0.5	13	72				140	86

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740918	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
740617	0.001	0.0	0.010	0.00	0.00			0.00	0.000					
740327	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731206	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731010	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
730613	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
730301	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
721120			0.010	0.00	0.00									
720907	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720608			0.000	0.00	0.00				0.000					
720314							0.25							
720201							0.08							
700722			0.000	0.00	0.00									
690821	0.000		0.000	0.00	0.00									
690717			0.000											
680828	0.000		0.000	0.00	0.00									
670920	0.000		0.000	0.00	0.00									
670809														7

A 03 OHIO RIVER
SHORE 0.3 MILES SOUTHEAST OF JOPPA
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711108		13.9	10.2	7.9	0.163	8		350	0.20	0.2				30
711012		21.7	8.2	7.8	0.163	9		300	0.60	0.0				25
630730		27.8	7.9	7.7									0.40	20
620815		25.6	7.0	7.5									0.00	10
611121		10.0	10.0	7.7									0.10	10
590721		26.7	7.9	8.5									0.00	22
580616			5.5	7.7					0.00	0.5			0.30	230

A 03 OHIO RIVER
SHORE 0.3 MILES SOUTHEAST OF JOPPA --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
630730	1							7	11				96	76
620815	3							43	19				106	74
611121	2							48	70				160	70
590721	1						0.2	15					116	80
580616				0.1	0.00			15	69				138	84

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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740912		27.2	6.9	7.4	0.920		0.005	200	0.08	1.3	383		0.20	
740819		29.4	1.8	7.7	0.110		0.010	200	0.07	0.7	300		0.10	
740722			1.5	7.7	0.110		0.005	30	0.07	1.5	317	0.0	0.20	
740619		23.3	9.6	7.5	0.090		0.000	60	0.05	0.8	250		0.30	
740514		21.1	8.0	8.0	0.080		0.005	50	0.05	1.0	367		0.30	
740424		16.1	8.5	7.9	0.110		0.000	220	0.05	1.5	367	0.0	0.30	
740325		8.9	10.3	7.7	0.200		0.000	280	0.05	1.4	317		0.20	
740206		6.1	9.4	7.7	0.150		0.000	10	0.10	2.0	317		0.40	
740121		5.6	11.8	7.4	0.320		0.005	600	0.30	1.0	200	0.0	0.20	
731213		10.6	9.0	7.7	0.220		0.000	230	0.00	1.3	533		0.20	
731107		13.9	9.7	7.8	0.220		0.005	190	0.10	2.2	590		0.50	
731024		20.6	7.8	8.0	0.100		0.000	80	0.10	1.1		0.3	0.20	
730927		22.8	7.3	8.0	0.100		0.000	10	0.10	0.6	383		0.20	
730806		28.9	6.2	7.8	0.140		0.000	100	0.10	1.2	267		0.30	
730723		27.8	6.0	8.0	0.240		0.030	100	0.15	1.5	367		0.30	
730618		26.7	5.2	7.8	0.120		0.010	120	0.00	2.4	367		0.70	
730515		17.8	8.9	7.8	0.130		0.005	100	0.15	1.3	283		0.40	
730404		11.1	9.5	7.9	0.140		0.000	100	0.30	1.5	317	0.0	0.40	
730321		11.1	9.2	7.8	0.240		0.000	400	0.25	1.7	350		0.50	
730226		6.1	11.1	7.9	0.200		0.000	100	0.30	1.6	367		0.40	
730109		4.4	11.2	7.6	0.230		0.000	230	0.25	1.4	317	0.2	0.50	
730104		5.0	10.8	7.7	0.180		0.000	300	0.11	0.9	300		0.50	
721116		6.7	8.9	7.5	0.250		0.000	2600	0.18	1.4	367		0.60	
721017		20.6	7.1	7.9	0.090		0.000	30	0.15	1.7	417	0.0	0.60	
720925		25.0	6.5	7.2	0.070		0.000	1200	0.10	0.7	383	0.0	0.40	
720809		25.0	6.2	7.2	0.130		0.000	80	0.15	4.0	317	0.0	0.20	
720712		23.3	6.0	8.0	0.040		0.000	320	0.14	1.0	250		0.40	75
720607		23.9	6.0	8.0	0.060		0.000	10	0.15	0.8	367		0.30	
720501		17.2	7.6	7.3	0.050		0.000	300	0.25	1.5	267		0.40	
720410		7.2	8.8	8.0	0.020			190	0.13	1.9	383		0.57	45
720313		8.3	10.0	7.5	0.330		0.005	220	0.30	1.4	328		0.51	120
720202		5.0	11.8	7.4	0.080		0.000	470	0.30	2.1	308		0.50	95
711109		15.0	7.7	7.4	0.163	8		100	0.20	0.2				35
711012		21.1	6.3	7.8	0.131	11		200	0.50	0.0				25
710602		20.6	6.5	7.5	0.392	47			0.70	0.2			0.60	70

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
710427		18.3	8.6	8.0	0.163	2			0.10	0.2			0.00	40
710323		7.8	11.1	8.1	0.457	6			0.30	0.5			0.00	150
701117		12.2	9.3	7.7	0.131	26			0.40	0.2			0.80	45
700901		29.4		7.3	0.098	10			0.30	0.0			0.40	40
700721		27.8	7.6	7.8	0.065	13	0.000	30	0.20				0.80	40
700616		26.7	8.5	7.6	0.098	9			0.20	0.2			0.50	75
700414		12.8	8.7	7.6	0.685	9			0.30	0.2			0.10	260
700217		3.9	10.1	7.8	0.489	11			0.50	0.2			0.10	160
691008		23.3	6.2	7.6	0.065	5			0.20	0.0			0.80	150
690820		28.9	4.8	7.5	0.098	7	0.000	100	0.20	0.2			0.70	70
690716		29.4	4.4	7.3	0.131	12			0.20	0.2			0.00	50
690527		21.7	6.7	7.5	0.294	18			0.20	0.2			0.00	65
690402		10.6	10.6	8.0	0.098	11			1.20	0.7			0.10	85
690218		4.4	11.5	7.4	0.522	8			0.10	1.4			0.00	170
681210		7.2	9.2	7.5	0.457	12			0.70	0.9			0.00	120
681015		21.1	6.8	7.1	0.131	12			0.10	0.2			0.20	25
680827		28.9	5.7	7.4	0.098	13	0.000	50	0.10	1.1			0.20	70
680716		28.9	6.7	7.4	0.196	14			1.10	1.4			0.20	37
680605		21.1	5.6	7.6	0.033	14			0.10				0.30	150
680423		17.8	7.5	7.6	0.457	11			0.60	1.4			0.30	280
680319		8.3	8.7	7.5	0.522	8			2.00	1.6			0.30	250
680123		3.9	12.6	7.7	0.000	4			0.60	1.4			0.10	90
671212		7.2	8.4	7.6	1.305	7			1.50	0.7			0.10	170
671024		17.8	7.6	8.5	0.098	10			0.80	0.2			0.10	70
670919		25.0	5.8	7.3	0.131	12	0.000		0.60	0.5			0.10	27
670809		27.2		7.5					1.20	0.2			0.20	130
670613		26.1	7.6	7.6									0.10	65
670503		18.3	8.1	7.5									0.20	200
670228		4.4	12.0	7.7									0.30	150
670124		7.8	12.0	7.8									0.30	50
661214		10.0	9.3	7.5									0.30	330
650803		26.7	6.5	7.5									0.20	35
641130		12.8	9.6	7.5									0.30	85
630730		27.8	7.0	7.7									0.30	7
620815		25.6	6.3	7.2									0.00	15
611122		11.1		7.6									0.00	16
590722		26.7	6.5	7.8									0.00	17
580617			5.3	7.7					0.00	0.5				130

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722		0.0	0.000	1.2	0.10	0.0	0.2	15	55	0.02	0.03	0.0		
740424		0.0	0.000	1.7	0.09	0.0	0.1	15	56	0.09	0.02	0.1		
740121		0.0	0.000	4.4	0.19	0.0	0.1	9	39	0.07	0.02	0.1		
731024		0.0	0.000	0.4	0.04	0.0	0.3	25	64	0.02	0.00	0.0		
730723		0.0	0.000	3.0	0.23	0.0	0.2	18	46	0.01	0.03	0.0		
730404		0.0	0.000	2.6	0.20	0.0	0.2	16	54	0.07	0.03	0.0		
730109		0.0	0.000	3.3	0.15	0.0	0.2	16	52	0.10	0.01	0.0		
721017		0.0	0.000	0.7	0.00	0.0	0.3	28	79	0.10	0.02	0.0		
720712		0.2	0.000	4.0	0.37	0.0	0.2	15	67	0.08	0.07	0.1		
720410		0.0	0.000	1.3	0.13	0.0	0.2	23	70	0.00	0.00	0.0		
720313			0.000	4.2	0.34		0.1	17	55	0.04				
720202								20	72					
700721		0.0	0.000	0.1	0.00	0.0	0.4	35	90	0.00	0.00	0.0		94
690820		0.0	0.000	0.0		0.0	0.4			0.00	0.00	0.0		
690716				0.0			0.0				0.00			
680827		0.0	0.000	1.1	0.10	0.0	0.3	23	14	0.05	0.00	0.0	158	96
670919		0.0	0.000	0.2	0.03	0.0	0.3	27	14	0.00	0.00	0.0	116	70
670613	1							14	19				122	82
670503	2							22					158	90
670228	2							29	16				176	82
670124	1							18	11				150	96
661214	4							36	17				224	84
650803	1							17	14				92	64

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
641130	4							53	73				168	70
630730								10	13				116	68
620815	3							44	17				104	72
611122								47	70				160	72
590722	1						0.0	17					106	74
580617				0.1	0.00		0.4	14	65				124	78

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740722	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740424	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740121	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731024	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
730723	0.000	1.1	0.000	0.00	0.00			0.00	0.000					
730404	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
730109	0.000	1.8	0.000	0.00	0.00			0.00	0.000					
721017	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720712	0.000	0.0	0.000	0.00	0.00	0.00		0.00	0.000					
720413			0.000	0.00	0.00				0.000					
720311							0.10							
710602			0.000											
700721			0.000	0.00	0.00									
690820	0.000		0.000	0.00	0.00									
690716			0.000											
680827	0.000		0.000	0.00	0.00									
670919	0.000		0.000	0.00	0.00									
670809													5	

A 05 OHIO RIVER
SHORE WEST OF US 45 BRIDGE AT BROOKPORT
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711108		13.9	11.2	7.9	0.163	10		130	0.10	0.2				30
711012		21.7	9.6	8.0	0.098	2		100	0.20	0.0				25
580617				7.7					0.00	0.2				170

A 05 OHIO RIVER
SHORE WEST OF US 45 BRIDGE AT BROOKPORT --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
580617				0.0	0.00		0.3	6	46				83	64

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740916		22.2	2.5	7.5	0.150		0.000	430	0.00	1.2	433		0.10	
740819		29.4	2.3	7.5	0.120		0.015	180	0.07	0.8	317	0.0	0.10	
740722			2.3	7.5	0.190		0.000	530	0.12	1.7	333		0.10	
740619		24.4	9.6	7.5	0.220		0.005	360	0.15	0.9	283		0.30	
740514		20.6	10.1	8.0	0.180		0.010	240	0.10	1.1	400	0.0	0.40	
740424		15.0	8.6	7.9	0.170		0.010	550	0.10	1.5	367		0.30	
740325		9.4	10.4	7.7	0.160		0.000	190	0.10	1.5	317		0.30	
740206		7.2	10.6	7.6	0.190		0.000	50	0.10	2.1	317	0.0	0.40	
740122		7.2	11.1	7.4	0.210		0.000	400	0.75	1.0	217		0.20	
731206		7.2	8.5	7.6	0.400		0.020	780	0.00	1.5	333		0.20	
731107		13.9	10.1	7.9	0.230		0.005	150	0.10	1.9	620	0.0	0.50	
731024		20.6	9.4	8.2	0.100		0.000	110	0.05	1.0			0.20	
730927		21.1	6.9	8.0	0.080		0.000	80	0.15	0.6	383		0.20	
730912		26.7		8.0	0.120		0.000	100	0.20	0.6	350	0.0	0.10	
730702		26.7	5.9	7.8	0.260		0.005	700	0.10	2.2	367		0.80	
730612		23.3	7.0	7.6	0.140		0.000	100	1.20	3.0	333		0.40	
730515		16.7	8.2	7.7	0.120		0.005	100	0.20	1.2	333	0.0	0.50	
730404		10.0	9.4	7.4	0.130		0.000	100	0.33	1.5	317		0.40	
730301		5.6	11.8	7.9	0.260		0.000	350	0.39	1.4	383		0.50	
730209		5.0	11.7	7.7	0.120		0.000	190	0.53	2.0	433	0.0	0.50	
730123		4.4	11.3	7.7	0.260		0.000	100	0.13	1.0	333		0.40	
721120		7.8	8.4	7.1	0.170		0.007	500	0.15	2.0	367		0.50	
721024		15.0	8.7	7.9	0.150		0.000	230	0.20	1.7	417	0.0	0.70	
720926		23.9	6.3	7.7	0.100		0.000	27000	0.15	0.9	317	0.3	0.40	
720907		26.1	6.2	7.8	0.070		0.000	40	0.32	0.5	267	0.0	0.70	
720829		27.2	5.2	7.6	0.090		0.000	28	0.31	0.8	267	0.0	0.50	
720719		27.8	6.8	7.4	0.040		0.000	110	0.05	1.2	300	0.0	0.30	
720607		23.3	6.9	7.9	0.070		0.000	10	0.18	0.7	367		0.02	30
720508		17.8	6.5	7.8	0.170		0.000	130	0.09	1.7	325		0.50	
720417		10.0	7.4	7.3	0.050		0.010	2200	1.15	1.3	250		0.45	
720313		7.2	10.2	7.4	1.210		0.005	150	0.30	1.4	340		0.51	95
720201		5.0	12.0	7.3	0.070		0.000	460	0.20	1.5	317		0.50	70

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740819		0.0	0.000	0.8	0.10	0.0	0.1	17	45	0.00	0.00	0.0		
740514		0.0	0.000	1.6	0.22	0.0	0.2	18	55	0.00	0.01	0.0		
740206		0.0	0.000	2.4	0.13	0.0	0.2	14	56	0.00	0.01	0.0		
731107		0.0	0.000	1.2	0.18	0.0	0.4	52	131	0.00	0.00	0.0		
730912		0.0	0.000	1.0	0.08	0.0	0.3	19	46	0.00	0.00	0.0		
730515		0.0	0.000	2.4	0.20	0.0	0.3	15	61	0.05	0.02	0.0		
730209			0.000	1.6	0.04		0.2	25	65	0.01	0.02	0.0		
721024		0.0	0.000	0.6	0.10	0.0	0.3	26	79	0.05	0.02	0.0		
720607		0.0	0.000	1.1	0.16	0.0	0.2	21	72	0.07	0.04	0.0		
720201							0.1	20	67					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740819	0.000	0.2	0.000	0.00	0.00			0.00						
740514	0.002	0.2	0.000	0.00	0.00			0.00	0.000					
740206	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731107	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
730912	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
730515	0.000	0.2	0.000	0.00	0.00			0.00						
730209			0.000	0.00	0.00									

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	PLANKTON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
721024	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720607			0.000	0.00	0.00				0.000					

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	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740917	196000	21.1	7.0	7.4	0.230		0.000	310	0.05	0.9	333	0.0	0.10	
740801		27.8	3.2	8.3	0.090		0.005	110	0.07	1.2	433		0.20	
740703	235000	25.6	7.9	7.6	0.300		0.005	400	0.13	0.3	383		0.70	
740625	190000	21.1	7.0	7.6	0.210		0.000	470	0.10	1.9	400	0.0	0.60	
740520	311000	22.2	8.2	7.4	0.200		0.010	310	0.10	1.8	400		0.20	
740418	427000	15.0	9.0	8.0	0.250		0.005	200	0.05	2.3	367		0.30	
740328	396000	12.2	10.7	8.0	0.160		0.000	110	0.05	1.6	350	0.2	0.30	
740204	544000	6.7	10.8	7.7	0.280		0.000	30	0.15	2.6	350		0.50	
740116	505000	4.4	12.1	7.8	0.280		0.000	250	0.20	1.4	283		0.30	
731205	516000	7.2	9.0	7.9	0.450		0.015	540	0.00	1.7	333	0.1	0.20	
731106	125000	12.8	9.3	7.8	0.240		0.005	60	0.10	2.0	640		0.50	
731025		19.4	10.7	8.5	0.200		0.005	2100	0.10	1.6			0.20	
730924		20.6	8.6	8.2	0.100		0.000	30	0.10	1.1	633	0.2	0.50	
730911		25.6	9.0	8.5	0.100		0.000	10	0.10	1.0	533		0.50	
730723	120000	27.2	7.6	8.0	0.160		0.000	410	0.05	1.6	433		0.40	
730619	152000	25.0	6.6	8.0	0.240		0.000	230	0.15	3.1	433	0.3	0.80	
730516	327000	16.7	8.0	7.8	0.350		0.005	500	0.18	1.4	333		0.50	
730412	449000	8.3	10.5	8.0	0.170		0.007	320	0.18	1.7	400		0.50	
730326	599000	10.0	9.2	8.0	0.150		0.007	260	0.26	2.1	317	0.0	0.50	
730221	269000	2.8	12.9	7.9	0.260		0.000	200	0.50	1.8	383		0.50	
730124	189000	3.9	10.6	7.8	0.380		0.000	1500	0.15	2.0	408		0.50	
721121	330000	7.2	9.8	7.6	0.320		0.000	610	0.23	1.3	350		0.60	
721025		11.7	10.0	7.8	0.190		0.000	300	0.18	2.1	567	0.0	0.70	
720927		23.3	8.7	7.9	0.090		0.007	22000	0.10	1.5	433	0.0	0.60	
720912		25.0	7.8	7.2	0.380		0.000	120	0.20	0.9	367	0.0	0.60	
720815		27.8	7.5	8.2	0.070		0.000	10	0.09	0.7	367		0.40	12
720711	215000	22.2	7.1	7.9	0.050		0.000	660	0.15	1.0	317	0.0	0.40	
720612		23.3	7.9	8.2	0.060		0.005	30	0.15	1.6	433		0.40	
720510	284000	16.7	6.9	8.3	0.070		0.000	190	0.08	1.5	400		0.60	65
720418	572000	15.0	7.6	7.7	0.050		0.000	900	0.25	1.9	290		0.50	
720316	416000	7.2	9.8	7.6	0.090		0.000	160	0.20	2.0	367		0.70	95
720223	249000	5.0	12.3	7.5	0.060		0.000	250	0.45	1.5	420		0.50	100

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
740917		0.0	0.000	1.8	0.15	0.0	0.2	15	45	0.00	0.01	0.0		
740625		0.0	0.000	3.2	0.18	0.0	0.1	18	75	0.00	0.00	0.1		
740328		0.0	0.000	2.9	0.20	0.0	0.1	16	58	0.00	0.01	0.0		
731205		0.4	0.000	7.0	0.50	0.0	0.2	19	60	0.00	0.03	0.0		
730924		0.1	0.000	0.2	0.05	0.0	0.3	40	98	0.00	0.00	0.0		
730619		0.2		2.2	0.12	0.0	0.2	22	74	0.02	0.09	0.2		
730326		0.0	0.000	2.8	0.10	0.0	0.2	17	50	0.05	0.05	0.0		
721121			0.000	4.4	0.34	0.0	0.2	18	58	0.05	0.01	0.0		
720912		0.0	0.000	0.3	0.00	0.0	0.2	25	78	0.10	0.02	0.0		
720815		0.0	0.000	0.3	0.16	0.0	0.1	29	100	0.00	0.02	0.0		
720510		0.0	0.000	2.4	0.24	0.0	0.1	18	72	0.08	0.02	0.0		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740917	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
740625	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740328	0.001	0.1	0.000	0.00	0.00			0.00	0.000					
731205	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
730924	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
730619	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
730326	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
721121			0.000	0.00	0.00									
720912	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720815	0.000	0.1	0.000	0.00	0.00	0.00		0.00	0.000					
720510			0.000	0.00	0.00				0.000					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740904		22.2	1.9	7.5	0.290		0.010	440	0.10	1.3	383		0.40	
740801		27.2	3.0	8.0	0.080		0.005	0	0.00	1.0	500		0.20	
740702		24.4	6.6	7.9	0.300		0.000	260	0.20	2.3	800	0.4	0.50	
740624		21.1	7.5	7.7	0.250		0.005	390	0.15	2.8	483		0.50	
740520		22.8	6.5	7.6	0.200		0.005	240	0.15	2.1	383		0.20	
740418		14.4	8.9	8.1	0.240		0.005	110	0.05	2.4	400	0.0	0.30	
740321		6.7	10.8	7.9	0.200		0.005	160	0.10	2.4	400		0.40	
740204		4.4	10.7	7.5	0.190		0.005	20	0.25	1.8	283		0.30	
740117		4.4	12.2	7.8	0.160		0.005	30	0.25	2.8	450	0.0	0.80	
731205		6.1	9.1	8.1	0.220		0.020	140	0.10	3.6	400		0.30	
731105		12.8	9.6	8.0	0.200		0.005	470	1.15	1.9	650	0.2	0.60	
730924		20.6	12.8	8.6	0.100		0.005	30	0.00	0.6	550		0.40	
730911		25.0	7.4	8.4	0.100		0.000	10	0.15	1.1	600		0.40	
730723		27.2	7.6	8.3	0.180		0.000	1100	0.05	1.6	467		0.50	
730619		26.1	6.9	7.4	0.200		0.000	100	0.35	3.5	467		0.70	
730516		15.6	7.4	7.9	0.160		0.002	430	0.19	1.7	417		0.50	
730412		7.2	10.4	8.1	0.130		0.000	10	0.20	2.0	400	0.0	0.50	
730326		10.0	9.1	7.6	0.230		0.010	100	0.50	1.2	233		0.40	
730208		3.3	11.5	7.9	0.170		0.000	100	0.26	3.5	467		0.60	
730124		3.9	10.9	8.0	0.270		0.008	800	0.18	2.6	417	0.0	0.50	
721227		1.1	11.0	7.7	0.210		0.008	40	0.20	2.5	417		0.70	
721025		10.6	9.3	8.1	0.210		0.000	290	0.20	2.4	567	0.0	0.80	
720927		23.9	8.4	8.0	0.110		0.007	1000	0.10	2.0	483	0.2	0.60	
720912		26.7	9.5	8.2	0.100		0.005	20	0.22	0.7	400	0.0	0.60	
720808		24.4	7.0	7.9	0.160		0.000	210	0.12	1.2	350	0.0	0.50	
720726		28.3	6.8	8.2	0.060		0.015	20	0.15	0.1	500		0.10	15
720612		22.2	6.8	8.2	0.070		0.000	210	0.15	2.9	517		0.60	
720510		16.7	7.1	8.4	0.090		0.000	220	0.09	1.7	450		0.60	
720418		15.6	7.0	7.7	0.070		0.000	100	0.65	3.1	380		0.60	80
720316		7.2	9.5	7.2	0.070		0.010	260	0.10	2.5	400		0.70	80
720307		7.8	10.5	8.0	0.010		0.000	510	0.20	1.0	290		0.40	170

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740702		0.0	0.000	5.4	0.21	0.0	0.2	10	40	0.30	0.90	0.1		
740418		0.0	0.000	2.7	0.10	0.0	0.1	17	49	0.22	0.20	0.0		
740117		0.0	0.000	1.3	0.02	0.0	0.2	21	51	0.05	0.02	0.1		
731105		0.0	0.000	0.8	0.15	0.0	0.3	50	130	0.28	0.14	0.0		
730723		0.0	0.000	0.9	0.11	0.0	0.2	26	57	0.00	0.01	0.0		
730412		0.0	0.000	1.7	0.05	0.0	0.2	18	51	0.05	0.02	0.0		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
730124			0.000	4.9	0.20		0.2	25	79	0.05	0.02	0.0		
720927		0.1	0.000	0.5	0.08	0.0	0.3	30	70	0.07	0.02	0.0		
720726		0.0	0.000	0.6	0.15	0.0	0.2		70	0.14	0.10	0.0		
720418		0.0	0.000	2.0	0.09	0.0	0.2	21	59	0.08	0.00	0.0		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740702	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740418	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740117	0.000	0.0	0.057	0.00	0.00			0.00	0.000					
731105	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
730723	0.000	1.1	0.000	0.00	0.00			0.00	0.000					
730412	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
730124			0.000	0.00	0.00									
720927	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720726	0.000	0.2	0.000	0.00	0.00	0.00		0.00	0.000					
720418			0.000	0.00	0.00				0.000					

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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	HBAS (MG/L)	TURBID-ITY UNITS
740916		17.2	9.0	7.1	0.420		0.005	1800	0.10	0.4	183		0.10	
740812		23.3	1.7	7.1	0.150		0.005	33000	0.25	0.4	383	0.0	0.20	
740717		21.7	1.8	7.3	0.110		0.000	0	0.25	0.5	467		0.10	
740617		18.3	7.5	7.3	0.330		0.010	2500	0.20	0.7	267		0.50	
740507		16.1	7.3	7.2	0.180		0.010	370	0.20	0.2	200	0.0	0.20	
740410		10.6	9.6	7.5	0.210		0.005	2700	0.20	0.3	233		0.00	
740327		10.0	10.6	7.7	0.160		0.005	400	0.15	0.4	217		0.20	
740206		5.0	9.1	7.0	0.150		0.005	130	0.15	0.3	183	0.3	0.20	
740122		7.8	8.6	6.8	0.240		0.010	1800	0.65	0.4	133		0.20	
731206		5.6	7.8	7.0	0.320		0.015	2400	0.10	0.4	150		0.10	
731107		6.1	8.4	7.7	0.130		0.005	90	0.10	0.5	450	0.0	0.20	
731010		19.4	6.0	7.6	0.110		0.005	5000	0.25	0.2	467		0.20	
730927		20.0	5.5	7.7	0.080		0.000	100	0.25	0.1	467		0.20	
730912		23.9		7.8	0.200		0.000	100	0.25	0.3	367		0.30	
730702		26.1	5.9	7.4	0.300		0.010	1700	0.50	0.1	250		0.50	
730612		24.4	5.1	7.3	0.240		0.000	100	0.35	0.2	183		0.30	
730501		15.6	5.5	7.1	0.180		0.006	160	0.35	0.4	155		0.20	
730404		10.0	7.3	7.2	0.190		0.000	700	0.45	0.3	158		0.30	
730301		5.6	10.5	7.7	0.140		0.000	20	0.35	0.5	400		0.30	
730207		6.1	9.9	7.2	0.140		0.000	100	0.48	0.3	200		0.30	
730123		3.9	9.9	7.0	0.330		0.008	2100	0.20	0.0	117		0.20	
721120		5.6	8.6	7.1	0.220		0.010	2400	0.23	0.7	167		0.30	
721024		11.7	7.1	7.6	0.320		0.007	12000	0.24	1.3	400	0.0	0.60	
720926		20.6	6.5	7.5	0.470		0.010	3500000	0.49	0.7	217		0.20	
720907		19.4	7.3	7.9	0.080		0.005	30	0.29	0.2	400	0.0	0.40	
720829		23.3	6.4	7.7	0.340		0.005	370	0.50	0.6	267	0.0	0.40	
720719		24.4	5.7	7.6	0.090		0.010	810	3.20	0.9	233		0.30	160
720607		19.4	6.3	7.9	0.070		0.000	230	0.21	0.0	417		0.20	
720508		17.2	3.9	7.3	0.130		0.010	210	0.16	0.2	167		0.40	
720417		10.0	6.0	7.0	0.070		0.000	7700	0.25	0.4	68		0.20	250
720307		6.1	8.0	7.3	0.090		0.000	310	0.20	0.5	147		0.30	125
720201		2.2	12.4	7.2	0.160		0.000	1600	0.20	2.1	263		0.50	32

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740812		0.0	0.000	1.8	0.82	0.0	0.3	12	20	0.00	0.03	0.2		
740507		0.0	0.000	3.7	0.40	0.0	0.1	7	24	0.25	1.00	0.0		
740206		0.0	0.000	2.2	0.20	0.0	0.1	6	34	0.02	0.00	0.0		
731107		0.0	0.000	1.3	0.72	0.0	0.2	11	24	0.00	0.00	0.0		
721024		0.2	0.000	3.2	0.65	0.0	0.2	11	32	0.07	0.02	0.0		
720719		0.0		8.0	0.61	0.0		7	28	0.09	0.03	0.0		
720417		0.0	0.000	10.6	0.38	0.0	0.1	4	20	0.28	0.06	0.1		
720307			0.005	6.7	0.15		0.1	7	26	0.19				
720201							0.1	21	48					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	HOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740812	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740507	0.002	0.1	0.000	0.00	0.00			0.00	0.000					
740206	0.000	0.1	0.020	0.00	0.00			0.00	0.000					
731107	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
721024	0.000	0.3	0.000	0.00	0.00			0.00	0.000					
720719	0.000	0.0	0.000	0.00	0.00	0.00		0.00	0.000					
720417			0.000	0.00	0.00				0.000					
720307							1.79							

AD 02 CACHE RIVER
COUNTY ROAD 1 MILE NORTHEAST OF BELKNAP
LAB: MARION DISCHARGE DATA: 03612000 CACHE RIVER AT FORMAN, 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740916	225	16.7	8.7	6.8	0.310		0.005	2000	0.11	1.2	172	0.2	0.10	
740812	60	23.9	2.7	7.3	0.100		0.005	850	0.10	0.2	383		0.20	
740717	6.5	25.0	2.4	7.2	0.150		0.005	100	0.30	0.2	383		0.20	
740617	169	18.3	6.9	6.6	1.200		0.010	1600	0.35	6.2	250	0.0	0.80	
740507	214	15.6	7.2	7.3	0.170		0.010	340	0.20	0.2	200		0.10	
740410	230	10.6	9.9	7.5	0.200		0.005	650	0.15	0.2	233		0.10	
740327	289	8.9	10.8	7.6	0.140		0.000	170	0.05	0.3	200	0.0	0.20	
740122	2500	8.9	8.5	6.8	0.330		0.010	800	0.70	0.3	133		0.20	
731206	590	5.6	8.1	7.2	0.320		0.010	4800	0.15	0.3	167	0.0	0.20	
731107	5.0	6.7	9.9	7.7	0.220		0.010	120	0.10	0.9	400		0.40	
731010	2.6	19.4	6.3	7.7	0.130		0.010	400	0.10	0.3	500		0.30	
730927	0.27	19.4	5.3	7.7	0.140		0.005	140	0.10	0.1	300		0.20	
730912	44	22.8		7.8	0.200		0.005	200	0.20	0.4	317		0.50	
730702	17	25.6	6.0	7.8	0.220		0.005	1000	0.15	0.8	267		0.40	
730612	185	24.4	5.8	7.3	0.180		0.000	200	0.55	0.5	158		0.30	
730501	642	15.6	5.8	7.2	0.180		0.000	130	0.32	0.4	1550		0.20	
730404	803	10.0	8.0	7.4	0.190		0.008	100	0.58	0.0	158		0.20	
730301	83	4.4	12.2	7.9	0.110		0.000	30	0.28	0.6	300		0.30	
730209	800	5.0	10.4	7.3	0.120		0.000	160	0.43	0.3	217		0.30	
730206	278	3.9	9.9	7.1	0.120		0.010	110	0.10	0.3	200		0.20	
730123	1480	3.9	10.1	7.0	0.300		0.008	700	0.20	0.0	117		0.20	
721120	622	5.6	9.4	7.2	0.210		0.007	1900	0.20	0.6	167		0.30	
721024	22	12.8	7.2	7.6	0.290		0.011	11000	0.25	0.4	267	0.0	0.50	
720926	70	20.6	6.2	7.6	0.440		0.010	7500000	0.48	0.7	1670	0.3	0.10	
720907	2.0	21.7	6.8	7.8	0.220		0.005	180	0.44	0.4	183	0.0	0.50	
720829	15	25.0	6.2	7.6	0.410		0.005	370	0.60	0.7	160		0.40	200
720719	48	25.0	4.9	7.6	0.940		0.015	60	0.13	0.2	300	0.0	0.40	
720607	2.8	22.2	6.7	7.9	0.060		0.000	10	0.09	0.0	367		0.20	
720508	160	17.2	6.2	7.4	0.090		0.010	120	0.20	0.3	200		0.40	40
720417	4990	10.0	5.6	6.8	0.120		0.000	5000	0.33	0.3	78		0.18	
720307	763	6.1	8.2	7.1	0.100		0.000	340	0.20	0.4	150		0.30	110
720201	153	1.1	12.7	7.0	0.630		0.000	1800	0.20	1.3	263		0.50	32

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740916		0.0	0.000	1.6	0.35	0.0	0.1	5	15	0.00	0.01	0.0		
740617		0.0	0.000	6.3	0.52	0.0	0.1	8	30	0.17	0.02	0.0		
740327		0.0	0.000	1.2	0.10	0.0	0.1	8	32	0.12	0.10	0.0		
731206		0.0	0.000	4.4	0.27	0.0	0.1	5	36	0.00	0.02	0.0		
720907		0.2	0.000	5.9	0.35	0.0	0.2	8	26	0.15	0.02	0.0		
720829		0.0	0.000	8.0	0.45	0.0	1.0	70	21	0.29	0.03	0.1		
720508		0.0	0.000	2.7	0.53	0.0	0.2	7	40	0.08	0.01	0.0		
720201			0.000	1.0	0.14		0.1	25	48					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740916	0.000	0.2	0.005	0.00	0.00			0.00	0.000					
740617	0.005	0.2	0.010	0.00	0.00			0.00	0.000					
740327	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731206	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
720907	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720829	0.000	0.3	0.000	0.00	0.00	0.00		0.00	0.000					
720508			0.000	0.00	0.00				0.000					
720201							0.46							

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740916		16.7	8.7	6.8	0.280		0.005	660	0.13	0.6	183	0.0	0.10	
740812		22.8	1.8	6.5	0.100		0.005	270	0.13	0.3	500		0.20	
740717		22.8	1.4	7.0	0.220		0.005	0	0.40	0.5	550		0.20	
740606		20.0	6.3	7.0	1.300		0.010	30000	0.20	0.9	183	0.3	0.30	
740507		15.0	7.1	7.3	0.190		0.010	760	0.20	0.5	267		0.30	
740410		10.0	10.7	7.6	0.220		0.005	1000	0.15	0.4	300		0.10	
740327		8.3	10.9	7.9	0.140		0.000	320	0.10	0.5	283	0.2	0.20	
740206		3.9	11.3	7.5	0.130		0.000	120	0.10	0.8	330		0.30	
740122		9.4	8.3	6.8	0.260		0.005	1900	0.65	0.5	117		0.20	
731206		6.1	8.1	7.2	0.350		0.015	5200	0.15	0.3	200	0.0	0.10	
731107		5.6	8.0	7.5	0.390		0.010	220	0.10	1.3	400		0.40	
731025		13.9	5.4	7.3	0.240		0.005	1400	0.20	0.3			0.20	
730927		20.0	3.3	7.5	0.200		0.000	150	0.25	0.2	383		0.30	
730912		21.1		7.6	0.400		0.000	10	0.25	0.7	317		0.40	
730732		26.1	4.7	7.7	0.180		0.005	300	0.20	0.5	350		0.50	
730612		23.3	6.1	7.2	0.140		0.000	800	0.25	0.7	300		0.40	
730531		15.6	7.3	7.6	0.180		0.000	410	0.41	0.9	300		0.30	
730404		9.4	6.9	7.3	0.180		0.008	400	0.68	0.2	167		0.20	
730301		3.9	11.9	7.9	0.170		0.000	70	0.30	0.7	367		0.30	
730237			11.0	7.6	0.140		0.000	120	0.38	0.7	300		0.30	
730123		4.4	10.0	7.0	0.310		0.008	1600	0.24	0.0	108		0.20	
721120		5.6	9.9	7.2	0.330		0.008	3600	0.20	0.8	200		0.30	
721024		11.1		7.6	0.220		0.010	360	0.24	0.1	417		0.60	
720926		20.6	5.2	7.7	0.230		0.010	34000	0.20	0.5	500	0.3	0.70	
720907		17.2	5.1	7.7	0.210		0.000	270	0.35	0.4	217	0.0	0.60	
720829		21.7	5.1	7.6	0.430		0.005	1200	0.52	0.8	200	0.0	0.50	
720720		24.4	3.5	7.9	0.090		0.015	140	0.36	1.9	467		0.80	
720719		24.4	4.0	7.7	0.110		0.000	280	0.10	1.6	467	0.0		
720712		22.2	3.4	8.1	0.080		0.005	200	0.20	0.0	417		0.40	
720607		20.6	3.2	7.7	0.080		0.000	100	0.15	0.0	483		0.04	50
720508		17.2	6.0	7.7	0.060		0.000	360	0.08	0.7	333		0.40	
720417		15.0	5.7	6.9	0.280		0.000	2700	0.40	0.4	98		0.10	
720307		5.6	9.0	7.7	0.060		0.000	500	0.15	0.6	200		0.60	130

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720201		1.1	10.8	7.0	0.390		0.008	1000	0.30	2.6	278		0.60	28

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740916		0.0	0.000	1.6	0.35	0.0	0.2	5	15	0.00	0.01	0.1		
740606		0.4	0.000	34.8	1.70	0.0	0.2	5	35	0.60	0.03	0.2		
740327		0.0	0.000	1.3	0.20	0.0	0.1	9	38	0.37	0.22	0.0		
731206		0.0	0.000	4.9	0.22	0.0	0.1	6	115	0.00	0.02	0.0		
720607		0.0	0.000	2.1	1.13	0.0	0.2	23	48	0.05	0.04	0.0		
720201							0.1	20	50					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740916	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
740606	0.004	0.1	0.000	0.00	0.06			0.00	0.000					
740327	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731206	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
720607			0.000	0.00	0.00		0.00		0.000					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740918		18.3	7.1	6.7	0.170		0.005	680	0.08	0.3	150		0.10	
740813		23.3	2.7	6.8	0.210		0.000	5000	0.15	0.5	122	0.2	0.10	
740716		25.6	2.6	7.2	0.150		0.005	290	0.35	0.3	333		0.00	
740606		22.8	6.0	7.4	0.180		0.005	170	0.10	1.5	333		0.40	
740522		22.8	5.3	6.7	0.120		0.005	240	0.10	0.1	133	0.3	0.20	
740425		15.0	7.6	6.9	0.150		0.005	490	0.20	0.1	133		0.00	
740327		8.3	11.5	7.4	0.060		0.005	180	0.05	0.2	133		0.20	
740204		6.1	8.8	6.8	0.080		0.005	20	0.10	0.1	125	0.3	0.20	
740116		2.2	11.5	6.6	0.100		0.010	720	0.15	0.4	100		0.30	
731206		7.2	5.5	6.7	0.120		0.020	90	0.00	0.1	108		0.20	
731106		6.7	9.0	7.8	0.080		0.005	10	0.00	0.1	340	0.2	0.00	
731025		15.0	8.9	7.8	0.080		0.005	100	0.10	0.2			0.10	
731010		21.7	7.9	7.6	0.100		0.000	170	0.45	0.2	333		0.20	
730911		22.8	8.1	7.8	0.180		0.000	10	0.25	0.3	350		0.10	
730718		25.6	6.1	7.5	0.120		0.010	130	0.35	0.2	317		0.10	
730613		23.9	5.1	7.1	0.100		0.000	100	0.30	0.4	158		0.30	
730501		15.6	6.3	7.1	0.100		0.000	50	0.20	0.1	112		0.20	
730405		12.2	6.8	7.1	0.100		0.007	280	0.48	0.0	133		0.20	
730301		6.1	10.4	7.3	0.100		0.000	120	0.39	0.3	217		0.20	
730207		5.6	10.2	7.1	0.080		0.000	50	0.30	0.2	150		0.20	
730123		3.9	10.8	7.1	0.210		0.000	1000	0.70	0.4	100		0.20	
721121		6.7	8.8	7.1	0.110		0.008	1800	0.15	0.2	158		0.30	
721024		11.1	7.4	7.7	0.100		0.000	90	0.25	0.2	300	0.0	0.30	
720926		20.0	6.6	7.7	0.130		0.007	4500	0.19	0.2	200		0.30	
720907		19.4	7.3	8.0	0.080		0.005	250	0.30	0.2	283	0.0	0.40	
720814		22.8	6.1	7.0	0.100		0.005	30	0.20	0.3	300	0.0	0.20	

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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720711		22.2	8.3	7.6	0.030		0.000	10	0.20	0.2	333	0.0	0.30	
720608		19.4	6.0	7.5	0.070		0.000	520	0.30	4.0	250		0.10	
720509		17.2	1.6	7.6	0.080		0.010	30	0.25	0.0	160		0.30	
720417		15.6	6.6	6.9	0.090		0.000	8200	0.30	0.3	62		0.20	
720314		7.8	8.0	6.7	0.330		0.008	90	0.30	0.2	120		0.30	60
720222		5.0	11.3	7.1	0.060		0.000	0	0.20	0.7	227		0.20	20
711220		7.2	8.5	7.6	0.131	17		400	1.20	0.0				50
711115			6.3	7.4	0.033	8		100	0.10	0.0				40
711021			7.4	6.7	0.033	10			0.80	0.0				30
710930			5.4	6.4	0.098	9			0.60	0.0				45
710831			6.8	6.5	0.359	14		1000	0.20	0.0				110
710713			4.8	6.4		12				0.0			0.00	75
710505			7.8	8.0		13				0.0			0.00	30
701208			9.0	6.6		13				0.0			0.00	25
700812			5.6	7.1		19				0.0			0.10	110
700506			4.5	6.8		19				0.0			0.00	25
700203			10.6	7.0		25				0.0			0.10	130
691105			8.9	7.5		10				0.0			0.00	25
690813			7.5	7.7		7				0.0			0.00	45
690507			7.4	7.2		7				0.0			0.10	25
690204			9.8	7.1		20				0.0			0.10	75
681030			10.1	7.4		10				0.0			0.00	25
680807			6.4	6.7		18				0.2			0.20	40
610725		22.2	4.5	7.3									0.00	75
590717		20.0	7.1	7.8									0.00	25

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740813		0.0	0.000	2.6	0.70	0.0	0.1	4	10	0.00	0.01	0.0		
740522		0.0	0.000	1.4	0.36	0.0	0.1	4	22	0.30	0.08	0.0		
740204		0.0	0.000	1.5	0.07	0.0	0.1	5	30	0.00	0.01	0.0		
731106		0.0	0.000	1.0	0.60	0.0	0.1	4	10	0.00	0.01	0.0		
721024		0.0	0.000	0.8	0.65	0.0	0.3	5	11	0.04	0.02	0.0		
720314			0.000	2.6	0.08		0.1	6	43	0.25				
720222				1.0	0.40			11	51					
690813				0.0			0.0				0.00			
610725	4							4	8				116	116
590717	2							28					144	142

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740813	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
740522	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740204	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731106	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
721024	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720314							1.95							
720222							0.44							
690813			0.000											

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
740918		21.1	6.8	6.8	0.110		0.005	360	0.03	0.6	283	0.0	0.20	
740813		23.3	2.7	6.7	0.200		0.010	570	0.00	0.5	120		0.20	
740716		28.9	3.1	7.5	0.210		0.010	170	0.25	0.6	367		0.20	
740606		22.8	6.3	7.3	0.180		0.005	190	0.10	1.4	317	0.0	0.30	
740522		21.7	6.9	7.0	0.050		0.005	40	0.05	0.3	233		0.20	
740425		15.0	5.5	6.7	0.100		0.005	2200	0.15	0.1	158		0.00	
740327		9.4	12.6	7.4	0.060		0.000	120	0.00	0.1	125	0.0	0.00	
740204		6.1	9.0	6.9	0.060		0.005	10	0.00	0.4	133		0.20	
740116		1.7	10.3	7.1	0.140		0.005	140	0.10	0.8	192		0.20	
731206		7.8	6.6	7.5	0.220		0.015	210	0.00	1.4	333	0.0	0.20	
731106		11.7	6.7	7.7	0.080		0.005	180	0.15	1.5	550		0.40	
731025		14.4	10.0	8.3	0.080		0.005	110	0.00	1.5			0.20	
731010		21.1	7.2	7.7	0.080		0.005	3000	0.10	1.1	583		0.40	
730911		26.7	4.3	7.8	0.080		0.000	10	0.25	0.9	517		0.30	
730718		26.1	6.2	7.6	0.260		0.000	30	0.25	1.3	367		0.40	
730613		23.9	6.7	7.5	0.080		0.000	100	0.10	1.4	350		0.40	
730501		15.6	7.3	7.3	0.080		0.000	50	0.19	0.6	145		0.30	
730405		9.4	8.2	7.1	0.040		0.000	50	0.30	0.0	117		0.10	
730301		5.6	9.5	7.4	0.090		0.000	10	0.30	0.3	167		0.20	
730207		5.0	10.3	7.0	0.040		0.000	50	0.25	0.2	100		0.10	
730123		4.4	11.1	6.9	0.070		0.000	180	0.08	0.2	100		0.20	
721121		6.7	7.0	6.9	0.080		0.000	350	0.15	0.2	122		0.20	
721024		12.2		7.6	0.100		0.000	80	0.25	1.5	450		0.70	
720926		22.8	3.4	7.5	0.090		0.007	4700	0.23	1.0	383		0.40	
720907		22.8	4.8	8.0	0.060		0.005	80	0.32	0.7	317	0.0	0.60	
720814		25.6	6.7	7.4	0.060		0.010	150	0.12	1.1	367	0.6	0.50	
720711		22.2	5.8	7.4	0.020		0.000	90	0.10	1.2	383	0.0	0.50	
720608		23.3	4.8	7.5	0.005		0.000	40	0.36	0.7	350		0.03	20
720509		15.6	1.9	7.5	0.040		0.000	60	0.13	0.0	117		0.20	
720417		14.4	7.6	7.1	0.050		0.000	3400	0.33	0.6	57		0.20	
720314		6.1	8.2	7.0	0.040		0.008	10	0.20	0.4	112		0.57	40
720222		6.1	11.3	7.0	0.000		0.000	0	0.25	0.8	277		0.40	15
711220		8.3	4.5	7.6	0.098	15		200	0.40	0.0				25
710713			6.3	6.3		14				0.0			0.10	45
710505			0.6	7.9		11				0.0			0.00	100
701208			5.5	6.6		15				0.0			0.20	45
700812			6.0	7.4		16				0.2			0.10	25
700506			6.6	7.1		12				0.2			0.00	90
700203			10.2	7.0		16				0.0			0.00	50
691105			4.9	7.3		16				0.0			0.10	25
690813			9.0	8.3		11				0.2			0.10	30
690507			8.7	7.1		3				0.0			0.00	25
690204			10.2	7.0		17				0.2			0.20	75
681030			7.6	7.3		14				0.5			0.20	25
680807				6.3									0.10	25
640820		29.4		7.6									0.50	
610725		24.4	2.7	7.4									0.00	35
590714		25.6	9.1	8.4										15

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740918		0.0	0.000	1.2	0.18	0.0	0.3	15	35	0.00	0.01	0.0		
740606		0.0	0.000	2.5	0.10	0.0	0.2	13	50	0.93	0.08	0.1		
740327		0.0	0.000	0.5	0.09	0.0	0.1	4	29	0.15	0.33	0.0		
731206		0.0	0.000	3.2	0.10	0.0	0.2	18	64	0.15	0.12	0.1		
720907		0.0	0.000	0.8	0.20	0.0	0.2	20	65	0.14	0.02	0.0		
720608		0.0	0.000	1.1	1.68	0.0	0.2	16	59	0.15	0.08	0.1		
720314			0.000	1.8	0.08		0.1	5	31	0.15				
720222				0.7	0.50			14	53					
690813				0.0			0.0				0.00			
640820	4													
610725	3							16	52				128	80

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
590714	4							29					170	102

AK 01 LUSK CREEK
ROUTE 146 BRIDGE AT GOLCONDA —CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	PLANKTON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740918	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
740606	0.001	0.1	0.000	0.00	0.00			0.00	0.000					
740327	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731206	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
720907	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720608			0.000	0.00	0.00		0.00		0.000					
720314							1.26							
720222							0.28							
690813			0.000											

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	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740917	16	17.2	9.6	3.6	0.030		0.005	280	0.05	8.0		0.0	0.60	
740813	12	21.1	2.6	6.3	0.420		0.010	610	0.05	0.3	82		0.20	
740716	0.52	24.4	1.0	6.9	0.020		0.005	50	0.05	0.0	117		0.00	
740606	7.0	22.8	8.0	6.8	0.050		0.005	0	0.10	0.1	108	0.0	0.10	
740522	482	20.0	7.9	6.4	0.080		0.005	2200	0.05	0.1	77		0.20	
740425	31	13.9	9.6	6.7	0.000		0.005	110	0.05	0.0	108		0.00	
740328	50	12.8	11.2	7.1	0.000		0.000	10	0.00	0.1	92	0.2	0.40	
740204	20	5.6	11.4	7.0	0.060		0.000	10	0.00	0.1	100		0.10	
740116	267	3.3	12.5	6.8	0.020		0.005	440	0.00	0.1	83		0.40	
731205	63	5.0	10.0	7.2	0.000		0.015	290	0.00	0.1	967	0.0	0.10	
731106	0.30	5.6	6.4	7.1	0.080		0.005	10	0.10	0.0	150		0.10	
731025	0.28	13.9	6.9	7.1	0.000		0.005	40	0.10	0.0			0.10	
731010	0.00	21.1	3.5	7.1	0.020		0.005	400	0.15	0.0	158		0.20	
730911	0.04	23.9	2.6	7.3	0.020		0.000	10	0.15	0.0	158		0.20	
730718	0.04	25.0	5.9	7.2	0.060		0.000	20	0.25	0.0	133		0.10	
730613	319	23.3	6.7	6.8	0.040		0.000	3200	0.15	0.3	82		0.20	
730501	63	13.9	9.2	7.2	0.020		0.000	10	0.10	0.2	100		0.10	
730405	86	6.7	11.6	7.3	0.000		0.000	10	0.25	0.0	92		0.10	
730301	20	5.6	12.4	7.0	0.080		0.000	10	0.23	0.2	108		0.10	
730207	45	5.0	11.9	7.0	0.020		0.000	10	0.58	0.0	100		0.10	
730123	111	4.4	12.0	7.1	0.030		0.000	20	0.08	1.5	83		0.50	
721121	36	6.7	11.2	7.1	0.020		0.000	110	0.15	0.1	102		0.30	
721024	0.12	11.7		7.3	0.060		0.014	50	0.15	0.0	113		0.30	
720926	1.6	20.6	6.0	7.5	0.030		0.007	4500	1.01		1017		0.20	
720912	0.07	21.1	4.8	6.3	0.030		0.000	20	0.20	0.1	117	0.0	0.40	
720814	0.45	23.9	5.2	6.9	0.010		0.000	46	0.12	0.2	133	0.0	0.50	
720711	0.01	22.2	4.5	7.1	0.020		0.000	40	0.14	0.0	133	0.0	0.10	
720608	0.72	21.1	6.2	7.6	0.030		0.000	53	0.21	0.0	125		0.00	
720509	18	15.0	8.4	7.4	0.030		0.000	20	0.13	0.0	110		0.20	
720417	149	14.4	9.9	7.1	0.020		0.000	90	0.17	0.6	78		0.20	
720314	76	7.2	10.5	6.9	0.110		0.005	50	0.10	0.4	97		0.10	11
720222	10	6.1	12.4	6.7	0.000		0.000	0	0.20	0.1	138		0.40	4
711220	3.4	7.8	10.2	7.7	0.196	10		10	0.20	0.0				25
711115	0.08		2.9	7.1	0.000	13		110	0.20	0.0				25
711021	0.00		0.4	6.3	0.033	13			0.40	0.0				25
710930	0.00		2.6	6.0	0.065	16		50	0.70	0.0				25
710831	0.52		6.3	6.4	0.065	9		400	0.00	0.0				25
710713	0.32		4.5	6.7		10				0.0			0.00	25
710505	22		9.6	7.9		4				0.0			0.00	25

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
710210	30		14.2	8.0		0				0.0			0.00	25
701208	1.9		10.0	6.8		6				0.0			0.00	25
700812	0.06		4.0	6.8		8				0.0			0.10	25
700506	26		9.2	7.0		3				0.0			0.00	25
700203	165		14.2	6.9		10				0.0			0.20	25
691105	6.1		8.2	7.1		12				0.0			0.10	25
690813	0.16		5.4	7.1		7				0.0			0.00	25
690507	9.6		9.4	7.2		2				0.0			0.10	25
690204	47		12.2	7.2		6				0.0			0.10	25
681030	0.01		3.3	7.0		16				0.0			0.10	25
640820		29.4		7.2									0.20	30
610725		23.3	5.3	7.1									0.00	17

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740917		0.0	0.000	0.6	0.05	0.0	0.1	0	15	0.00	0.02	0.0		
740606		0.0	0.000	0.4	0.12	0.0	0.0	3	15	0.00	0.00	0.0		
740328		0.0	0.000	0.3	0.05	0.0	0.0	3	23	0.28	0.18	0.0		
731205		0.0	0.000	0.5	0.12	0.0	0.1	2	24	0.00	0.00	0.0		
720222				0.2	0.14			6	28					
690813				0.0			0.0				0.00			
640820	2								10				80	90
610725	3							2	9				34	28

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740917	0.000	0.0	0.000	0.00	0.00			0.00	0.000			20	30	
740813												60	8	
740606	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740522												44	2	
740328	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
731205	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
720222							0.14							
690813			0.000											

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740917		17.2	9.7	7.2	0.050		0.010	630	0.05	0.1	2000		0.10	
740813		22.2	2.1	6.2	0.030		0.000	110	0.05	4.0	200	0.0	0.40	
740716		25.6	1.4	7.3	0.050		0.010	20	0.15	0.1	733		0.10	
740606		22.8	8.5	7.4	0.000		0.005	50	0.10	0.1	250		0.10	
740522		19.4	7.5	6.6	0.050		0.010	2100	0.05	0.0	108	0.0	0.10	
740425		13.9	9.9	7.4	0.000		0.000	40	0.05	0.0	183		0.00	
740328		13.3	10.7	7.6	0.000		0.000	60	0.00	0.1	158		0.30	
740204		5.6	10.7	7.3	0.060		0.000	20	0.00	0.1	158	0.2	0.10	
741116		2.2	12.3	7.2	0.080		0.005	750	0.50	0.2	108		0.20	
731205		5.6	9.4	7.6	0.040		0.015	1300	0.00	0.2	158		0.10	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
731106		6.1	8.0	7.8	0.010		0.005	10	0.00	0.0	540	0.2	0.10	
731025		14.4	7.5	7.7	0.000		0.005	300	0.05	0.0			0.10	
731010		20.6	5.9	7.8	0.000		0.005	5000	0.70	0.0	583		0.20	
730911		23.3	7.0	8.0	0.020		0.000	10	0.10	0.0	467		0.10	
730718		25.6	7.0	7.6	0.240		0.005	40	0.25	0.0	367		1.10	
730613		23.9	7.2	7.5	0.000		0.000	150	0.05	0.2	217		0.20	
730516		16.1	9.1	7.4	0.000		0.000	110	0.05	0.1	200		0.20	
730405		8.9	10.7	7.5	0.030		0.000	480	0.23	0.0	133		0.10	
730326		9.4	9.8	7.6	0.020		0.000	350	0.15	0.2	150		0.20	
730221		1.7	13.1	7.7	0.070		0.000	30	0.15	0.1	183		0.10	
730124		3.3	12.5	7.5	0.140		0.000	40	0.10	0.2	133		0.20	
721121		6.7	10.9	7.6	0.030		0.000	550	0.13	0.2	183		0.30	
721025		10.6	5.5	7.7	0.110		0.000	10	0.25	0.0	483	0.0	0.30	
720927		20.6	4.8	7.7	0.040		0.007	20000	0.09	0.0	433		0.30	
720912		21.1	6.1	6.7	0.030		0.000	180	0.19	0.1	400	0.0	0.30	
720814		22.8	6.0	7.6	0.020		0.000	10	0.10	0.2	333	0.0	0.20	6
720711		21.7		8.0	1.160		0.000	10	0.13	0.0	433	0.0	0.20	
720608		23.3	7.4	7.8	0.040		0.000	330	0.09	0.0	317		0.10	
720509		15.0	7.6	7.9	0.030		0.000	1900	0.08	0.1	167		0.20	
720417		13.9	9.0	7.2	0.020		0.000	740	0.17	0.3	103		0.20	
720314		7.8	9.3	7.0	0.140		0.008	520	0.20	0.2	160		0.25	35
720222		6.7	12.5	7.8	0.040		0.000	10	0.15	0.1	270		0.00	10
711220		6.1	11.8	7.7	0.000	8		20	0.10	0.0				25
711115			8.1	7.8	0.000	5		60	0.10	0.0				25
711021			6.0	7.4	0.033	14			2.50					25
710930			5.7	6.7	0.033	21			1.00	0.0				25
710831			7.1	7.0	0.065	10		2000	0.00	0.0				30
710713			5.7	6.1		11				0.0			0.10	25
710505			8.6	6.7		0				0.0			0.00	25
710209				7.1		4				0.0			0.00	25
701208			10.9	6.6		7				0.0			0.00	25
700812			6.0	7.5		12				0.0			0.10	25
700506			7.8	7.0		9				0.0			0.00	25
700203			14.1	7.3		13				0.0			0.00	25
691105			6.5	7.4		13				0.0			0.00	25
690813			6.8	7.8		10				0.0			0.10	25
690507			8.8	7.6		1				0.0			0.00	25
690204			11.3	7.0		10				0.0			0.10	25
681030			5.2	7.1		17				0.0			0.20	25
680807			6.1	6.8		12				0.0			0.10	25
610725		23.3	3.9	7.4									0.00	35
590714		20.0	6.8	7.7									0.00	8

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740813		0.0	0.000	0.6	0.15	0.0	0.3	5	20	0.30	0.02	0.3		
740522		0.0	0.000	1.5	0.10	0.0	0.2	2	18	0.40	1.00	0.1		
740204		0.0	0.000	0.3	0.07	0.0	0.2	3	24	0.00	0.00	0.0		
731106		0.0	0.000	0.1	0.02	0.0	0.7	21	61	0.00	0.00	0.0		
721025		0.0	0.000	0.1	0.20	0.0	0.8	20	63	0.07	0.01	0.1		
720814		0.1	0.000	0.2	0.22	0.0	0.4	12	35	0.10	0.04	0.0		
720222				0.6	0.14			8	50					
690813				0.0			0.0				0.00			
610725	2							4	16				88	78
590714	1							6					120	188

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	NOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740801	0.000	0.2	0.000	0.00	0.00			0.00	0.000			150	14	
740522	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740204	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731106	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
721025	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720814		0.1	0.000	0.00	0.00	0.00			0.000					
720222							0.18							
691105											0			
690813			0.000											

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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740917		21.1	7.4	6.7	0.100		0.000	280	0.05	11.0	400	0.0	0.80	
740703		25.0	7.1	7.3	0.100		0.000	240	0.08	1.5	333		0.60	
740625		20.0	6.9	7.5	0.110		0.000	460	0.10	1.6	400	0.0	0.50	
740520		22.8	9.7	7.6	0.050		0.010	100	0.10	1.0	400		0.40	
740418		15.6	10.4	8.0	0.050		0.005	10	0.00	0.0	267		0.10	
740328		10.0	12.9	7.9	0.020		0.000	10	0.00	0.1	217	0.2	0.90	
740204		6.1	9.5	7.3	0.030		0.000	40	0.10	0.3	183		0.20	
740116		3.3	11.4	7.2	0.080		0.010	210	0.00	0.2	125		0.20	
731205		5.6	6.6	7.8	0.220		0.010	260	0.10	1.6	350	0.0	0.20	
731106		5.6	6.6	7.7	0.020		0.005	50	0.00	0.0	360		0.10	
731025		14.4	7.4	7.6	0.040		0.000	120	0.00	0.0			0.00	
731010		20.6	7.5	7.8	0.050		0.005	13000	0.10	0.0	367		0.20	
730911		23.9	4.4	7.8	0.060		0.000	10	0.10	0.0	417		0.10	
730718		25.0	5.9	7.5	0.060		0.010	70	0.25	0.0	400		0.20	
730619		25.0	5.7	7.7	0.120		0.000	120	0.45	2.3	367		0.80	
730516		15.6	6.4	7.5	0.040		0.005	20	0.18	0.6	200		0.20	
730412		8.9	9.8	7.8	0.040		0.000	70	0.24	0.0	233		0.20	
730326		10.0	9.5	7.9	0.120		0.007	30	0.25	2.0	333		0.50	
730221		1.7	14.2	7.8	0.140		0.000	20	0.15	0.1	250		0.10	
730124		5.0	11.4	7.7	0.060		0.000	60	0.15	0.5	217		0.10	
721121		6.7	7.0	7.5	0.060		0.000	110	0.15	0.2	233		0.20	
721025		19.6	5.1	7.6	0.120		0.000	10	0.24	0.0	367		0.40	
720927		20.6	4.2	7.7	0.050		0.007	11000	0.13	0.1	333		0.20	
720912		21.7	4.8	7.0	0.070		0.005	80	0.23	0.1	350	0.0	0.40	
720814		22.8	4.7	7.7	0.030		0.005	10	0.14	0.2	367	0.0	0.20	
720711		23.3	6.8	7.9	0.030		0.000	10	0.14	0.8	400	0.0	0.40	
720612		23.3	3.6	8.0	0.040		0.000	30	0.30	0.2	383		0.10	
720418		15.6	7.2	7.5	0.080		0.000	1500	0.25	0.2	75		0.20	
720314		7.8	8.6	7.0	0.170		0.008	40	0.20	0.3	157		0.25	45
720222		5.6	11.7	7.8	0.030		0.000	10	0.20	0.2	352		0.20	10
711220		8.9	7.3	7.4	0.098	8		600	0.20	0.0				25
711108		7.2	7.8	7.4	0.098	11		220	0.10	0.0				25
710812			7.4	6.7		10				0.0			0.00	40
710505			8.0	6.7		9				0.0			0.00	25
701208			10.4	6.4		6				0.0			0.00	25
700812			7.2	7.7		14				0.0			0.10	35
700506			6.4	7.1		12				0.2			0.10	75
700203			10.0	7.4		16				0.0			0.00	35
610725		22.2	4.5	7.3									0.00	75
590715		25.6	9.3	8.6									2.00	5

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
740917		0.0	0.000	1.2	0.03	0.0	0.2	20	45	0.00	0.02	0.0		
740625		0.0	0.000	1.4	0.26	0.0	0.1	18	40	0.02	0.00	0.0		
740328		0.0	0.000	0.6	0.00	0.0	0.2	4	21	0.30	1.16	0.1		
731205		0.4	0.000	3.1	0.12	0.0	0.2	20	67	0.00	0.02	0.0		
720912		0.1	0.000	1.1	0.20	0.0	0.0	20	27	0.14	0.05	0.0		
720222				0.7	0.22			11	29					
610725	4							4	8				116	116
590715	3							26					176	102

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	PLANKTON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740917	0.000	0.2	0.055	0.00	0.00		0.00	0.000					
740625	0.000	0.1	0.010	0.00	0.00		0.00	0.000					
740328	0.000	0.0	0.000	0.00	0.00		0.00	0.000					
731205	0.000	0.0	0.000	0.00	0.00		0.00	0.000					
720912	0.000	0.2	0.000	0.00	0.00		0.00	0.000					
720222						0.16							
710505												1	

AT 01 SALINE RIVER
SALINE MINES
LAB:

DATE	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBIDITY UNITS
710712			5.6	4.5		12			16.60	0.2			0.10	25
710504			7.9	7.9	0.098	15			1.30	0.2			0.10	140
701116			9.2	6.4	0.000	10			1.30	0.0			0.10	25
700811			5.0	7.2	0.065	17			0.60	0.0			0.00	25
700505			6.0	6.6	0.163	25			0.40	0.0			0.00	45
691104			6.2	7.2	0.131	25			0.80	0.0			0.10	40
690812			7.0	7.1	0.033	13			0.20	0.0			0.10	25
690504				6.9	0.000	8			0.50	0.5			0.20	35
690203			9.8	5.9	0.196	13			0.10	0.2			0.20	100

AT 01 SALINE RIVER
SALINE MINES --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
710712				7.6	17.00			39	1200				1040	
710504								48	370				400	84
701116								155	570				600	20
700811								27	480				500	52
691104								160	290				420	82
690812				0.0			0.0	70	560		0.00		600	50
690504								46	360				440	52

AT 01 SALINE RIVER
SALINE MINES --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
710712													238	42
690812			0.000											

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740917		21.1	7.8	7.2	0.120		0.000	330	0.08	0.8	667		0.10	
740801		31.7	3.5	8.4	0.080		0.005	30	0.00	1.0	517		0.10	
740703		28.3	8.0	7.5	0.100		0.000	190	0.08	1.3	483	0.0	0.50	
740625		19.4	7.3	7.7	0.180		0.000	470	0.10	2.2	417		0.60	
740520		30.6	7.1	7.3	0.100		0.005	480	0.25	2.4	483		0.40	
740418		17.2	8.7	7.8	0.240		0.005	170	0.10	1.3	433	0.0	0.30	
740328		13.3	10.4	7.8	0.120		0.005	240	0.00	1.3	383		0.20	
740204		6.1	10.7	7.5	0.170		0.005	20	0.15	2.0	350		0.50	
740116		2.8	11.7	7.8	0.160		0.005	150	0.15	1.8	333	0.0	0.50	
731205		7.2	8.1	7.9	0.220		0.015	450	0.00	1.8	367		0.20	
731105		12.8	9.0	7.4	0.100		0.005	360	0.25	1.9	680	0.2	0.40	
730924		20.0	9.9	8.4	0.080		0.000	70	0.00	1.0	583		0.40	
730911		26.1	10.7	8.6	0.080		0.000	10	0.10	0.9	533		0.50	
730723		27.2	8.8	8.3	0.140		0.000	330	0.05	1.6	467		0.40	
730619		26.1	5.2	6.9	0.040		0.010	40	1.45	1.4	1167		0.60	
730516		15.6	5.9	7.4	0.230		0.005	200	0.36	0.9	467		0.50	
730412		7.2	10.1	7.9	0.110		0.007	120	0.25	1.6	450	0.0	0.50	
730326		10.0	9.2	7.8	0.150		0.010	120	0.29	2.1	317		0.50	
730221		1.7	11.5	7.4	0.190		0.007	100	0.71	1.8	550		0.50	
730124		3.9	10.4	7.3	0.210		0.010	600	0.25	1.3	308	0.0	0.30	
721121		6.7	7.3	7.2	0.190		0.010	650	0.25	0.6	483		0.50	
721025		12.8	9.0	7.8	0.160		0.000	180	0.20	2.2	633	0.0	0.80	
720927		22.2	7.5	7.9	0.080		0.007	10000	0.14	1.5	483	0.0	0.40	
720912		23.9	8.0	7.4	0.080		0.000	60	0.20	0.8	400	0.0	0.60	
720815		27.8	12.4	8.1	0.060		0.000	40	0.10	0.7	433	0.2	0.40	
720711		23.9	7.1	8.0	0.040		0.010	60	0.21	0.4	500		0.60	25
720612		22.2	7.8	8.0	0.050		0.000	10	0.15	1.6	533		0.60	
720510		16.1	6.6	8.0	0.040		0.010	50	0.26	0.6	483		0.50	
720418		16.1	5.7	7.1	0.110		0.010	1200	0.83	0.9	222		0.30	280
720316		7.8	8.2	7.0	0.020		0.000	480	0.70	1.4	467		0.60	170
720223		5.0	11.6	7.1	0.000		0.000	60	1.20	1.1	700		0.50	45
711116			2.8	7.5	0.033	10		30	0.40	0.5				25
711021			12.2	8.2	0.196	9			5.70	0.2				25
711018			10.6	7.8	0.065	4		100	0.30	0.2				25
710928			10.4	7.3	0.065	5		1000	0.30	0.2				30
710831			7.7	6.2	0.228	12		1000	0.30	0.0				75
710712			7.2	6.2	0.261	11			0.30	0.0			0.10	95
710629		28.3	7.3	7.7	0.000	36			0.40	0.2			1.00	95
710525		17.8	6.3	6.7	0.033	27			1.50	0.5			0.70	2000
710504			7.3	7.8	0.098	13			0.70	0.2			0.10	95
710413		15.6	8.8	7.1	0.000	15			0.70	0.0			1.10	60
710209				7.1	0.489	12			1.00	0.2			0.10	180
701116			9.0	7.0	0.163	9			0.40	0.2			0.00	25
701014		17.2	6.6	6.3	0.065	18			2.30	0.2			1.10	75
700826		28.3	9.9	8.3	0.098	16	0.000	100	0.10	0.0			0.50	30
700811			6.5	7.8	0.131	16			0.40	0.2			0.00	45
700714		30.6	12.1	8.1	0.163	14			0.20	0.2			0.10	35
700603		23.9	7.2	7.2	0.033	10			1.10	0.2			0.80	90
700505			6.4	7.0	0.326	23			0.40	0.2			0.10	65
700331		8.9	9.6	6.8	0.392	14			0.40	0.2			0.00	140
700225		5.0	11.0	7.1	0.398	12			0.70	0.2			0.90	130
700202			11.3	7.3	0.392	30			0.30	0.5			0.10	200
691209		5.0	10.4	6.3	0.228	16			0.40	0.0			0.00	110
691104			10.5	7.8	0.228	13			0.40	0.2			0.00	25
691021		17.2	6.7	5.7	0.424	6			0.40	0.0			0.10	30
690916		25.0	10.0	7.4	0.033	13	0.000	10	0.30	0.0			0.50	25
690812			11.4	8.6	0.098	12			0.20	0.0			0.10	25

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
690709		27.8	4.9	6.1	0.326	15			0.40	0.0			0.10	120
690604		23.9	14.1	7.0	0.228	9			0.00	0.0			0.00	45
690504				6.8	0.033	11			0.50	0.2			0.00	35
690416		15.6	7.5	6.7	0.228	23			0.30	0.7			0.20	170
690226		6.7	10.8	6.5	0.196	11			0.30	0.7			0.10	25
690203			9.8	5.8	0.261	12			0.10	0.5			0.10	140
681204		7.2	10.0	6.2	0.131	11			0.20	0.2			0.00	30
681028			8.8	6.9		13								
681023		18.9	10.2	7.9	0.196	14			0.40	0.5			0.20	25
680911		23.9	8.7	7.9	0.065	10	0.000	10	0.50	0.9			0.30	25
680807			7.9	7.2	0.228	13			0.20	0.9			0.10	50
680723		30.6	9.1	7.7	0.196	14			0.50	1.4			0.30	30
680611		25.0	4.5	7.1	0.131	15			0.80	0.9			0.40	25
680430		18.3	8.2	7.0	0.065	8			0.20	0.7			0.20	38
680312		6.1	9.7	6.8	0.131	12			0.60	0.9			0.20	200
671129		7.2	11.4	7.4	0.033	9			1.40	0.2			0.30	27
671017		17.2	6.8	6.9	0.033	18			0.60	0.0			0.20	190
670906		25.0	9.5	7.9	0.098	12	0.000		0.90	0.9			0.20	27
670620		28.3	7.3	7.6									0.40	58
670405		20.0	7.0	6.8									0.30	45
670201		8.9	11.1	7.2									0.10	80
661109		14.4	9.1	7.5									0.30	25
660928		21.1	5.4	7.6									0.20	35
660810		28.3	8.5	8.2									0.20	90
660615		24.4	6.4	7.6									0.20	6
660427		17.2	6.8	6.8									0.20	450
660315		11.7	9.0	6.8									0.30	20
660117		2.2	10.0	7.1									0.40	55
651109		14.4	13.8	8.4									0.20	35
650823		27.8	8.5	8.6									0.20	20

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740703		0.0	0.000	1.1	0.39	0.0	0.2	20	75	0.00	0.00	0.0		
740418		0.0	0.000	3.4	0.52	0.0	0.1	17	105	0.00	0.01	0.0		
740116		0.0	0.000	1.9	0.10	0.0	0.1	16	48	0.00	0.01	0.0		
731105		0.0	0.000	0.6	0.75	0.0	0.4	49	170	0.00	0.01	0.0		
730723		0.0	0.000	0.8	0.10	0.0	0.2	24	56	0.00	0.01	0.0		
730412		0.0	0.000	2.0	0.30	0.0	0.2	19	76	0.02	0.02	0.0		
730124			0.000	5.8	0.87		0.2	18	120	0.00	0.01	0.0		
720927		0.0	0.000	0.4	0.25	0.0	0.3	33	110	0.10	0.02	0.0		
720711		0.0	0.000	0.9	0.51	0.0	0.2	27	130	0.11	0.02	0.0		
720418		0.0		9.0	0.73	0.0	0.2	11	95	0.15	0.15	0.1		
720223				2.4										
710629								22	76				187	110
710504								45	260				330	82
700826		0.0	0.000	0.8	0.10	0.4	0.3	43		0.00	0.00	0.0	204	96
700603								45	675				630	108
691021				0.8	2.70									
690916		0.0	0.000			0.0	0.2			0.00	0.00	0.0		
690812				0.0			0.0				0.00			
690709				0.0			0.0				0.00			
690504								38	250				360	54
690226								65	300				340	48
681028								61	1000				1120	50
680911		0.0	0.000	0.4	0.03	0.0	0.3	52	36	0.00	0.00	0.0	208	112
680430								40	107				320	76
680312								160	100				420	48
670906		0.0	0.010	0.1	0.00	0.0	0.3	50	28	0.05	0.00	0.0	240	88
670620	2							140	26				216	168
670405	6							40	55				200	88
670201	1							42	28				252	108
661109	2							44	19				236	76
660928	2							57	15				220	80

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
660810	3							39	33				204	110
660615	0							90	103				240	80
660427	3							17	23				122	46
660315	1							92	43				256	44
660117	1							86	116				352	72
651109	5							64	28				248	120
650823	4							78	39				202	108

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740703	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
740418	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740116	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
731105	0.000	0.1	0.010	0.00	0.00			0.00	0.000					
730723	0.000	1.0	0.000	0.00	0.00			0.00	0.000					
730412	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
730124			0.000	0.00	0.00									
720927	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720711	0.000	0.0	0.000	0.00	0.00	0.00		0.00	0.000					
720418			0.010	0.00	0.00				0.000					
720223							0.12							
700826			0.000	0.00	0.00									
691021													36	
690916	0.000		0.000	0.00	0.00									
690812			0.000											
690709			0.000											
680911	0.000		0.000	0.00	0.00									
670906	0.000		0.000	0.00	0.00									

AT 04 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740917		18.9	9.2	5.9	0.000		0.010	40	0.26	0.3			0.10	
740801		27.2	2.9	7.5	0.090		0.005	10	0.38	0.4	2667	0.2	0.40	
740703		28.3	9.0	7.3	0.040		0.005	10	0.32	0.8	1133		0.60	
740625		18.3	6.1	7.3	0.110		0.005	150	0.50	1.3	800		0.60	
740520		26.1	7.8	7.2	0.130		0.010	630	0.45	2.1	583	0.0	0.30	
740418		15.6	8.8	7.3	0.110		0.005	80	0.20	0.9	600		0.20	
740328		10.0	11.1	7.5	0.040		0.000	100	0.20	1.1	650		0.30	
740204		6.1	9.6	7.0	0.110		0.000	50	0.15	1.0	417	0.0	0.30	
740116		2.2	11.4	7.0	0.020		0.005	20	0.50	1.9	700		0.50	
731205		5.6	7.0	7.8	0.180		0.010	120	0.15	1.1	350		0.20	
731105		6.7	9.7	6.8	0.060		0.005	50	5.00	0.2	2600		0.40	
730924		19.4	7.4	6.2	0.020		0.005	10	5.50	0.1	767		0.20	
730911		23.9	6.7	6.6	0.080		0.005	50	1.40	0.3	1467	0.0	0.30	
730723		27.2	5.6	6.4	0.080		0.020	70	9.00	1.0	2500		0.40	
730619		26.1	6.2	7.4	0.220		0.010	3300	3.75	2.1	917		0.70	
730516		15.6	7.5	7.1	0.050		0.008	140	0.88	1.2	833	0.0	0.40	
730412		7.8	10.0	7.5	0.080		0.008	590	0.40	0.8	450		0.40	
730326		8.3	8.6	7.2	0.150		0.012	570	0.40	0.7	333		0.40	
730221		2.2	12.4	7.2	0.070		0.000	100	1.70	2.2	1083	0.0	0.60	
730124		3.9	10.4	7.2	0.260		0.008	700	0.28	1.5	367		0.30	
721121		6.1	10.6	6.9	0.140		0.008	1700	0.68	1.3	583		0.60	
721025		10.6	9.8	5.7	0.070		0.007	10	6.60	0.4	3833	0.0	0.60	
720927		22.2	7.4	5.4	0.020		0.007	440	5.30	0.3	1383	0.0	0.40	
720912		24.4	9.2	7.2	0.110		0.005	90	1.60	0.2	833	0.0	0.40	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720815		28.3	7.2	4.9	0.000		0.005	2	6.70	0.5	933	0.0	0.30	
720711		23.9	6.1	4.7	0.020		0.010		14.00	0.9	2000		0.50	
720612		22.2	5.9	7.5	0.020		0.010	30	5.50	1.6	2833		0.40	
720510		16.7	5.5	7.9	0.030		0.000	90	1.90	0.9	900		0.50	
720418		15.6	5.0	7.1	0.030		0.010	1400	1.10	0.8	222		0.30	190
720316		7.8	8.2	7.8	0.120		0.010	6000	0.70	1.3	400		0.60	1000
720208		0.6	13.2	6.8	0.010		0.000	20	1.60	0.6	590		0.40	35
711220		5.6	10.6	6.6	0.000	8		10	4.50	0.0				25
711116			11.5	4.0	0.000	10		10	24.00	0.0				35
711018			8.0	3.5	0.033	53		100000	12.60	0.0				25
710928			9.3	4.6	0.033	7		0	6.00	0.0				25
710830			6.3	7.5	0.065	6		100	0.70	0.0				25
710810		27.2	6.9	5.5	0.065	9		3000	15.50	0.0			0.00	25
710712			6.3	5.6		12			9.00	0.0			0.00	25
710629		29.4	8.2	4.6	0.000	21			10.00	0.2			1.10	12
710525		17.8	6.9	6.8	0.065	36			1.80	0.2			0.70	1000
710504			8.7	7.6	0.065	13			1.80	0.0			0.00	75
710413		15.6	9.1	7.1	0.000	13			0.90	0.0			1.20	50
710329		9.4	9.7	7.6	0.098	12			1.10	0.2			0.10	35
710303		7.2	8.9	7.5	0.294	27			0.40	0.2			0.00	230
710208			11.5	7.5	0.131	14			0.80	0.2			0.10	70
701123		4.4	9.9	7.2	0.261	18			0.70	0.2			0.10	130
701116			9.0	6.5	0.065	14			1.00	0.0			0.10	25
701014		18.3	5.8	6.9	0.228	20			0.60	0.2			0.90	270
700826		26.1	11.6	7.6	0.033	19	0.000	10	0.20	0.0			0.50	20
700811				7.3	0.228					0.0			0.00	
700714		30.0	9.9	7.6	0.098	15			1.50	0.0			0.10	35
700603		22.8	5.5	6.9	0.033	11			1.30	0.2			0.90	550
700505			4.5	6.8	0.131	27			0.50	0.0			0.10	55
700331		9.4	9.9	6.8	0.261	11			0.40	0.2			0.10	110
700225		6.1	10.9	7.1	0.098	13			0.80	0.2			0.80	60
700202			10.0	7.2	0.489	17			0.30	0.5			0.10	330
700119		0.6	12.4	7.1	0.228	17			0.60	0.0			0.10	65
691209		5.0	10.4	6.6	0.261	16			0.60	0.0			0.00	110
691104			7.9	5.0	0.000	16				0.0			0.00	25
691021		15.0	8.3	6.6	0.359	13			0.70	0.0			0.00	25
690916		23.9	11.2	4.1		8	0.000	10	0.20	0.0			0.40	25
690812			8.1	6.9	0.033	16			0.40	0.0			0.00	25
690811		27.8	9.2	7.2	0.000	14			0.60	0.0			0.00	25
690709		27.8	4.6	6.3	1.142	26			0.50	0.0			0.10	1500
690604		22.2	8.2	2.9		10			0.00	0.0			0.00	100
690504				6.7	0.065	9			0.60	0.5			0.10	35
690416		17.2	7.3	6.8	0.228	21			0.30	0.7			0.10	190
690317		8.3	10.6		0.000	11			0.30	0.7				35
690226		6.1	11.0	6.3	0.033	5			0.50	0.9			0.10	25
690203			9.9	5.0	0.261	12			0.30	0.2			0.20	200
690120		3.3	11.1	6.4	0.294	16			0.30	0.7			0.20	240
681204		6.7	9.8	5.3	0.065	10			1.00	0.5			0.00	25
681028			8.8	3.7	0.098	6			0.20	0.0			0.10	25
681020		15.6	7.2	3.5	0.196	8			0.20	0.0			0.10	25
680930		22.8	9.3	4.8	0.000	14			0.00	0.0			0.10	25
680911		22.8	7.5	7.2	0.131	11	0.000	10	2.80	0.7			0.30	25
680819		30.0	7.3	7.3	0.065	14			0.50	0.2			0.20	25
680806			6.6	4.4	0.065	8			1.50	0.0			0.10	25
680723		28.3	7.2	6.8	0.065	13			0.40	0.5			0.30	11
680611		25.0	4.0	6.9	2.284	13			1.10	0.9			0.30	30
680520		17.8	7.6	6.8	0.131	12			0.70	1.1			0.20	20
680430		18.3	7.8	7.0	0.033	7			0.20	1.1			0.20	20
680312		5.6	9.9	6.1	0.131	6			0.80	1.1			0.30	90
680117		0.6	10.0	5.6	0.163	5			1.80	1.4			0.30	140
671129		4.4	11.0	5.5	0.033	10			1.80	0.2			0.10	17
671017		17.2	2.0	5.7	0.033	14			3.10	0.0			0.20	370
670906		22.8	9.1	6.7	0.098	16	0.000		2.60	0.2			0.30	30
670620		28.3	11.3	6.8									0.30	43
670517		16.7	6.7	6.6									0.10	90
670405		19.4	6.2	6.2									0.20	4
670201		9.4	10.9	6.0									0.10	20
661109		13.9	7.4	4.2									0.10	9
660928		18.9	6.2	4.8									0.10	9
660810		27.2	10.9	5.8									0.20	27
660615		22.8	5.5	6.4									0.00	85

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
660427		17.8	6.8	6.8									0.00	380
660315		12.2	9.4	6.8									0.20	100
660117		1.7	10.3	6.4									0.30	90
651109		12.2	6.3	4.1									0.40	70
650823		26.7	7.7	3.5										40
650512		20.6	6.6	4.7										26
650302		7.2	10.0	7.1									0.30	170
650105		5.6	9.0	3.6									0.20	75
641006		13.3	6.3	3.2										15
640826				3.4									0.00	5
640721		27.2	4.0	4.8									0.20	10
630723		24.4		3.8									0.20	8
630326		10.0	7.4	7.2									0.10	120
621016		21.1		2.8									0.00	30
620206		2.8	10.4	6.5									0.00	22
610612			5.3	6.2									0.10	35
610104		0.0		6.5									0.00	12
590707			6.6	6.2	0.000								0.00	6
590618			7.5	6.7										85
580616			5.5						0.30	0.2				280

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740801		0.0	0.000	0.8	14.00	0.0	0.6	100	1550	0.00	0.01	0.1		
740520		0.0	0.000	3.2	1.30	0.0	0.2	28	180	0.00	0.00	0.0		
740204		0.0	0.000	2.6	0.80	0.0	0.2	17	130	0.02	0.01	0.1		
730911		0.0	0.000	0.6	4.50	0.1	0.4	34	600	0.00	0.01	0.2		
730516		0.0	0.000	2.0	2.80	0.0	0.2	26	360	0.22	0.02	0.1		
730221			0.000	5.0	3.30		0.2	51	385	0.05	0.04	0.1		
721025		0.0	0.000	0.1	11.70	0.3	0.7	71	1100	0.06	0.01	0.4		
720711		0.0	0.000	0.2	14.70	0.3		69	1000	0.22	0.07	0.8		
720418		0.0	0.000	6.7	1.32	0.0	0.2	8	92	0.06	0.00	0.1		
710810				0.2	10.70			22	810				570	0
710712				3.5	10.00			65	980				900	36
710629								78	920				835	
710504								55	410				400	54
710329								97	540				480	320
701123								59	240				296	54
701116								117	330				485	60
700826		0.0	0.000	0.2	6.50	0.0	0.5	70		0.00	0.00	0.0	1920	104
700811								46	330				340	38
700714								52	980				960	70
700603								87	425				380	86
691104				2.6	6.50			118	510				490	
691021					4.60			56	740				760	30
690916		0.0	0.000	1.3		0.3	1.6	62	450	0.06	0.00	1.3	680	
690812				0.0			0.0	62	1100		0.00		1290	34
690811				0.0			0.0	69	1200		0.00		1170	42
690709				0.0			0.0				0.00			
690604									3800				1500	
690504								52	400				516	42
690317								90	420				510	34
690226								62	320				370	30
690203				4.6	1.80									
681028				1.3	12.00			70	1900				1860	
681023				4.0	17.60			75	2100				1680	
680930				0.3	10.40			69	1650				1240	8
680911		0.0	0.000	0.5	4.50	0.1	0.3	73	808	0.06	0.10	0.0	1520	30
680819								71	720				660	22
680806				0.1				41	380				390	
680723								40	2150				2000	50
680520								45	330				456	68
680430								50	70				460	60
680312								225	200				520	40

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
680117								220	325				640	
671129								140	231				630	12
670906		1.5	0.010	0.1	2.80	0.0	0.2	100	155	0.10	0.00	0.1	650	36
670620	3							105	193				610	112
670517	1							27	40				160	28
670405	1							64	90				300	44
670201	0							104	34				288	40
661109	2							120	210				770	
660928	1							60	405				1400	
660810	1							82	750				1460	12
660615	1							70	45				228	24
660427	3							16	17				104	32
660315	2							80	42				252	44
660117	1							142	195				480	22
651109	2							80	662				700	
650823								74	925				1340	
650512								640	739				640	
650302	2							48	185				200	42
650105								800	640				710	
641006								1200	900				1490	
640826	1								1025					0
640721								48	366				640	
630723				0.9				26	200				248	
630326								21	77				84	26
621016								250	500				448	
620206	2							80	295				332	40
610612	3							44	158				176	14
610104	0							128	347				340	36
590707	1							70	530				356	16
590618								54					180	54
580616				0.0	1.90		0.7	75	268				286	34

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740917												570		
740801	0.000	0.2	0.010	0.00	0.00			0.00	0.000			2520		
740520	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740204	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731105												2300		
730924												480	16	
730911	0.000	0.1	0.010	0.00	0.00			0.00	0.000					
730516	0.000		0.000	0.00	0.00			0.00	0.000					
730221			0.000	0.00	0.00									
721025	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720711	0.000		0.030	0.00	0.00	0.00		0.00	0.000					
720410			0.000	0.00	0.00				0.000					
710810													188	
710712													20	
700826			0.000	0.00	0.00									
691104													86	
691021													16	
690916	0.000		0.000	0.00	0.00								840	400
690812			0.000											
690811			0.000											
690709			0.000											
690604													2999	1380
690203													16	
681028													540	140
681023													840	270
680930													312	0
680911	0.000		0.000	0.00	0.00									
680806													88	12
680117													216	6
670906	0.000		0.000	0.00	0.00									

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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740904		19.4	1.8	6.9	0.060		0.010	90	0.83	0.2	1467	0.0	0.20	
740731		28.3	2.8	5.5	0.060		0.002	0	2.00	0.6	3000		0.20	
740703		26.1	10.3	7.2	0.050		0.000	0	0.51	0.3	1267		0.60	
740624		20.0	6.7	7.1	0.110		0.005	440	0.75	1.5	683	0.2	0.40	
740501		17.8	6.8	5.4	0.220		0.010	80	0.55	0.7	667		0.60	
740416		14.4	8.9	6.8	0.050		0.005	20	0.40	0.3	700		0.20	
740319		9.4	10.6	6.7	0.040		0.005	750	0.35	0.6	533	0.0	0.10	
740205		3.9	10.2	7.1	0.060		0.000	20	0.30	0.8	550		0.30	
740117		2.8	12.1	6.0	0.000		0.000	10	1.10	0.7	733		0.20	
731205		7.8	7.6	7.3	0.150		0.005	260	0.25	0.8	383	0.0	0.20	
731105		11.7	9.5	4.4	0.000		0.005	10	14.00	0.9	2700		0.30	
730924		19.4	7.5	3.2	0.040		0.005	10	15.00	0.3	5833		0.30	
730829		30.6	7.7	3.0	0.100		0.000	10	9.00	0.0	8667		0.30	
730723		27.2	6.9	4.4	0.040		0.000	10	27.30	0.5	4833		0.30	
730619		26.1	6.1	6.2	0.120		0.010	300	11.50	0.7	667		0.40	
730516		15.6	7.5	6.7	0.000		0.010	10	2.38	0.7	1200		0.40	
730412		6.7	10.7	7.3	0.090		0.007	260	0.46	0.3	467		0.30	
730326		6.1	9.4	7.2	0.130		0.010	410	0.40	1.0	333		0.40	
730221		2.2	11.7	6.6	0.070		0.000	100	3.40	0.9	1267		0.40	
730124		4.4	10.7	6.8	0.080		0.008	230	0.41	0.9	383		0.30	
721121		6.1	10.0	6.1	0.000		0.006	10	0.95	1.0	633		0.50	
721025		10.0	11.9	3.3	0.080		0.010	2	26.00	0.9	4333	0.0	0.60	
720927		23.3	8.9	4.5	0.030		0.009	470	6.40	0.5	2167	0.0	0.30	
720912		23.9	7.6	7.9	0.280		0.005	700	7.10	0.1	567	0.0	0.40	
720808		22.2	8.3	4.8	0.050		0.000	10	5.50	0.2	3333		0.30	4
720726		27.2	6.1	3.0	0.310		0.005	10	1.50	0.0	6333	0.3	0.10	
720612		21.1	6.1	6.6	0.040		0.010	10	12.00	1.5	3000		0.50	
720510		17.2	4.5	7.5	0.040		0.000	10	6.50	0.4	1167		0.30	20
720418		15.0	5.7	6.2	0.040		0.010	400	1.60	0.6	263		0.30	
720320		7.8	9.4	7.1	0.120		0.000	620	0.20	0.5	617		0.60	65
720220		5.0	11.8	6.7	0.040		0.000	10	4.95	0.6	1372		0.40	35

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740904		0.0	0.000	1.0	8.30	0.1	0.4	15	800	0.00	0.00	0.1		
740624		0.0	0.000	2.6	3.50	0.1	0.2	18	335	0.31	0.18	0.1		
740319		0.0	0.000	2.4	2.00	0.0	0.2	9	215	0.40	0.50	0.4		
731205		0.0	0.000	3.7	0.72	0.0	0.2	14	110	0.00	0.01	0.0		
730829								75	3100					
730723								35	2700					
721025		0.0		2.9	27.00	0.6		39	1700	0.30	0.02	1.1		
720912		0.1	0.000	2.2	7.00	0.1	0.2	24	290	0.07	0.02	0.1		
720808		0.0	0.000	0.4	14.40	0.2	0.6	43	720	0.11	0.02	0.5		
720726		0.0		29.0	39.99	0.2		16	1500	1.10	0.19	3.0		
720510		0.0	0.000	1.3	6.60	0.1	0.3	26	580	0.06	0.01	0.2		
720220			0.000	3.4	6.48			26	540					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740904	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740731												3280		
740624	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
740501												490	45	
740319	0.001	0.0	0.000	0.00	0.00			0.00	0.000					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740117												620	16	
731205	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
731105												2600	360	
730924												3490	1300	
730829													1800	
730723													720	
721025			0.035	0.00	0.01				0.020				760	170
720912	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720808	0.000	0.2	0.020	0.00	0.00	0.00		0.00	0.005					
720726	0.000	0.5	0.100			0.05		0.00	0.020				1500	720
720510			0.000	0.00	0.00				0.000					
720223							2.28							

ATE 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC CONC UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740917		16.7	8.1	7.1	0.060		0.010	520	0.05	1.3	717	0.0	0.10	
740801		23.9	2.2	7.6	0.180		0.005	80	0.05	0.1	1283		0.10	
740703		25.0	8.6	7.3	0.050		0.005	60	0.08	0.2	1100		0.50	
740625		18.3	7.8	7.3	0.020		0.000	90	0.10	0.1	967	0.0	0.20	
740520			7.3	7.0	0.050		0.010	350	0.20	0.6	567		0.20	
740418		13.9	9.0	7.2	0.070		0.005	50	0.05	0.0	433		0.10	
740328		13.6	13.2	7.4	0.020		0.000	100	0.05	0.4	383	0.2	1.50	
740204		6.7	8.8	6.7	0.050		0.005	80	0.00	0.3	300		0.10	
740116		1.1	12.3	6.8	0.120		0.005	400	0.10	0.6	217		0.30	
731205		5.0	7.3	7.7	0.170		0.015	150	0.15	1.1	350	0.0	0.20	
731105		5.6	7.1	7.3	0.010		0.005	30	0.00	0.0	620		0.10	
730924		20.0	8.3	7.4	0.040		0.005	90	0.00	0.0	128		0.10	
730723		27.8	7.4	7.2	0.020		0.000	170	0.20	0.0	1833		0.20	
730619		25.0	6.2	7.0	0.810		0.010	7400	0.60	2.5	350		0.70	
730516		13.9	7.9	7.1	0.030		0.000	110	0.25	0.4	600		0.30	
730412		7.2	11.5	7.2	0.000		0.000	30	0.75	0.3	333		0.20	
730326		8.9	9.1	7.6	0.130		0.007	130	0.33	1.7	333		0.50	
730221		1.7	12.9	7.2	0.050		0.000	10	0.22	0.5	517		0.20	
730124		3.3	12.1	7.2	0.080		0.000	50	0.15	0.7	417		0.20	
721121		5.6	10.4	6.8	0.030		0.000	590	0.20	0.8	917		0.40	
721025		10.6	7.9	7.5	0.160		0.007	20	0.18	0.0	217		0.30	
720927		21.1	6.2	7.6	0.050		0.009	5000	0.64	0.2	317		0.30	
720912		23.9	7.1	7.2	0.040		0.010	130	0.22	0.1	1667	0.0	0.50	
720815		27.2	4.0	6.9	0.030		0.000	30	0.20	0.1	2167	0.0	0.20	
720711		23.9	10.2	7.8	0.040		0.000	10	0.38	0.0	2500		0.20	15
720612		21.1	8.1	7.4	0.040		0.000	40	0.25	0.1	2167		0.50	
720510		14.4	7.3	7.6	0.020		0.000	720	0.13	0.0	667		0.30	25
720418		15.6	5.2	7.0	0.070		0.010	2900	0.55	0.6	182		0.30	230
720320		7.8	9.4	7.3	0.070		0.000	60	0.20	0.5	533		0.40	28
720208		1.1	13.6	7.1	0.040		0.000	30	0.40	0.4	397		0.30	20
711220		6.1	10.6	7.1	0.033	8		150	1.00	0.0				25
710712			6.5	6.2		17				0.0			0.10	25
710629		27.8	10.0	7.3		36				0.0			0.20	10
710525		17.8	7.6	6.8		36				0.0			0.30	240
710504			10.3	8.2		6				0.0			0.00	30
710413		15.0	9.5	7.1		5				0.2			0.00	30
710303		5.6	9.9	7.9		12				0.2			0.00	95
701116			8.2	6.2		6				0.0			0.10	25
701014		17.2	7.3	6.0		14				0.0			0.70	40
700826		27.2	7.9	7.1		12	0.000	100		0.0			0.20	20
700714		29.4	9.5	7.8		10				0.0			0.00	25
700603		21.7	7.8	6.0		6				0.0			0.30	30
700505			5.5	6.7		25				0.2			0.00	35
700331		10.0	11.3	6.8		5				0.0			0.00	25
700225		6.1	11.5	7.1		8				0.0			0.50	20
700203			13.4	7.1		13				0.0			0.00	60
691209		5.0	11.8	6.5		12				0.0			0.00	25

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
691104			7.8	5.9		12				0.0			0.00	25
691021		16.7	7.5	6.0		8				0.0			0.00	25
690916		24.4	9.7	7.4	0.000	11	0.000	50		0.0			0.20	15
690812			7.4	7.1		4				0.0			0.10	25
690709		28.3	5.9	6.8		14				0.0			0.00	65
690604		22.8	9.1	6.8		4				0.0			0.00	25
690504				7.2		5				0.0			0.20	25
690416		17.8	9.6	6.9		8				0.2			0.00	50
690226		6.1	12.0	6.7		5				0.2			0.00	25
690203			9.3	5.8		18				0.5			0.20	150
681204		7.2	11.0	6.3		13				0.2			0.10	45
681028			8.1	6.2		13				0.0			0.20	25
681023		14.4	7.3	6.9		16				0.0			0.10	25
680911		22.8	8.5	7.4		8	0.000	10		0.2			0.10	20
680806			7.2	5.4		8				0.0			0.10	25
680723		28.9	9.5	7.1		9				1.4			0.30	24
680611		25.6	0.0	6.9		26				0.0			0.20	20
680430		18.3	9.1	6.8		10				0.7			0.30	30
680312		3.3	12.0	6.8		18				0.9			0.20	300
680117		1.7	12.4	7.2		4				0.2			0.10	9
671129		5.0	11.0	7.1		11				0.0			0.20	17
671017		16.7	6.8	6.8		19				0.0			0.10	160
670906		24.4	9.7	7.1	0.398	11	0.000		0.40	0.0			0.10	20
670620		28.3	10.1	6.9									0.30	14
670517		17.2	7.3	6.5									0.10	50
670405		17.2	8.5	6.6									0.20	25
670201		10.0	11.4	7.2									0.00	15
661109		17.2	6.0	6.0									0.10	6
660928		18.9	9.5	5.3									0.10	9
660615		23.3	7.2	7.4									0.00	7
660427		17.8	7.8	6.8									0.00	100
660315		11.7	10.5	6.6									0.30	8
660117		1.7	12.9	7.4									0.30	4
651109		12.2	7.1	7.7									0.00	8
650823		25.6	7.8	8.1									0.10	7

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740917		0.0	0.000	1.4	3.00	0.0	0.5	3	175	0.00	0.02	0.1		
740625		0.0	0.000	0.4	3.70	0.1	0.4	5	475	0.50	0.00	0.1		
740328		0.0	0.000	0.8	1.50	0.0	0.2	4	140	0.10	0.40	0.2		
731205		0.0	0.000	2.7	0.21	0.0	0.2	17	74	0.00	0.01	0.0		
720711		0.0	0.000	0.5	10.10	0.1	0.4	11	1200	0.16	0.02	0.0		
720510		0.0	0.000	1.8	4.60	0.1	0.2	6	330	0.03	0.02	0.3		
720418		0.0	0.000	7.8	0.67	0.0	0.2	7	81	0.08	0.00	0.1		
720320			0.000	0.9	2.20		0.2	5	220	0.08				
710712								6	600				630	22
710629								7	700				770	34
701116								10	1300				1380	8
701014								140	469				720	12
700826		0.0	0.000	0.3	11.00	0.1	1.1	40		0.00	0.00	0.2	1840	36
700714								7	1200				1270	20
700603								7	1450				1190	6
691104				0.5	29.60			10	1700				1780	
691021				0.4	22.80			10	1400				1540	
690916		0.0	0.000			0.1	0.7	9	500	0.00	0.00	0.2	1500	36
690812				0.0			0.0	7	1000		0.00		1140	26
690709				0.0			0.0	7	430		0.00		500	40
690604								7	560				600	34
690504								5	280				428	24
681028								10	1700				1550	32
681023								9	1200				1380	40
680911		0.0	0.000	0.3	4.90	0.1	0.9	9	420	0.00	0.00	0.0	920	32
680806								7	950				1300	10

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
680430								60	375				1100	92
680117								100	325				560	40
671129								40	231				660	40
670906		0.8	0.010	0.1	3.20	0.0	0.4	30	330	0.10	0.00	0.2	121	36
670620	1							40	193				790	84
670517	1							7	34				108	50
670405	1							9	54				284	64
670201	1							16	20				244	24
661109	4							50	170				1170	36
660928	0							20	616				1570	
660615	0							12	65				520	96
660427	2							3	12				74	24
660315	2							8	19				208	28
660117	1							7	104				320	56
651109	1							25	431				920	48
650823	3							16	77				402	40

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740917	0.000	0.2	0.005	0.00	0.00			0.00	0.000					
740625	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740328	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
731205	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
720711	0.000	0.0	0.010	0.00	0.00	0.00		0.00	0.000					
720510			0.000	0.00	0.00				0.000					
720418			0.000	0.00	0.00				0.000					
720320							0.20							
700826			0.000	0.00	0.00								34	
691104														
691021													52	
690916	0.000		0.000	0.00	0.00									
690812			0.000											
690709			0.000										20	
690604														
680911	0.000		0.000	0.00	0.00								18	
680806														
670906	0.000		0.000	0.00	0.00									

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740904		18.9	1.9	7.7	0.180		0.005	40	0.43	0.9	600		3.00	
740731		28.9	3.3	7.9	0.270		0.000	10	0.05	3.0	1467	0.2	0.70	
740703		26.7	8.5	8.0	0.220		0.005	0	0.17	0.0	833		0.80	
740624		20.6	7.8	7.7	0.370		0.000	550	0.40	2.0	817		0.60	
740501		19.4	6.2	7.9	0.520		0.015	120000	0.30	1.8	667	0.5	0.40	
740416		13.9	8.6	7.2	0.200		0.010	110	0.35	1.2	350		0.30	
740319		8.9	10.6	7.4	0.280		0.010	4600	0.35	1.4	367		0.30	
740205		3.9	9.6	7.5	0.230		0.005	60	0.45	2.0	367	0.0	0.40	
740117		1.7	12.9	7.5	0.220		0.015	710	0.40	2.4	617		0.30	
731205		6.1	7.2	7.3	0.150		0.015	170	0.15	0.8	367		0.20	
731105		6.1	10.4	8.1	0.080		0.005	60	0.10	0.0	990		0.50	
730924		19.4	11.0	8.6	0.140		0.010	120	0.10	0.0	700		0.40	
730829		28.3	8.8	8.4	0.340		0.010	10	0.25	0.0	817		0.60	
730723		27.2	4.7	7.5	0.500		0.000	6000	1.20	1.3	500		0.50	
730619		26.1	5.5	7.7	1.100		0.015	42000	0.35	5.0	433		0.90	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730516		15.6	6.7	7.8	0.080		0.007	300	0.37	2.0	567		0.70	
730412		7.2	10.0	7.9	0.120		0.008	700	0.39	1.5	550		0.60	
730326		8.3	9.4	7.5	0.180		0.010	510	0.35	1.6	300		0.50	
730221		1.7	12.6	8.0	0.120		0.007	300	0.25	4.3	900		1.10	
730124		3.3	10.2	7.5	0.260		0.010	890	0.28	2.1	333		0.40	
721121		5.6	10.5	7.6	0.220		0.008	3200	0.25	1.4	517		0.70	
721025		10.0	12.5	8.4	0.170		0.010	30	0.20	0.0	817	0.0	0.80	
720927		25.6	10.7	8.4	0.250		0.010	2000	0.15	0.4	367	0.0	0.40	
720912		28.9	10.3	8.5	0.300		0.000	130	0.22	0.1	517	0.0	0.40	
720808		20.6	6.4	7.3	0.440		0.000	740	0.47	0.3	683	0.0	0.70	
720726		28.3	9.1	8.3	0.040		0.010	90	0.20	0.3	1000		0.00	70
720612		18.3	6.8	7.9	0.030		0.015	20	0.15	0.0	900		0.06	72
720510		16.1	8.3	8.4	0.030		0.010	90	0.11	1.2	1000		0.80	
720418		15.0	5.8	6.9	0.110		0.000	1700	0.38	1.1	158		0.40	330
720316		7.2	8.3	6.9	0.040		0.010	15000	0.30	1.3	228		0.50	1400
720208		0.6	13.8	7.6	0.270		0.010	660	0.80	1.1	1383		1.10	65
711220		6.7	13.1	8.1	0.033	23		100	0.50	0.0				50
711116			11.2	7.8	0.065	23		1000	0.20	0.0				110
711018			8.3	8.1	0.098	26		100	0.30	0.0				65
710928			9.0	7.9	0.000	12		200	1.10	0.0				380
710830				8.0	0.326	29		0	0.10	0.0				200
710712			2.8	7.5		24				0.0			0.10	200
710629		32.2	14.7	7.7		41				0.2			1.40	95
710525		17.8	7.0	6.9		52				0.5			0.20	1100
710504			10.4	7.9		23				0.2			0.10	170
710413		14.4	8.5	7.7		11				0.2			1.90	150
710303		5.6	9.8	7.4		26				0.2			0.00	400
710208			11.8	7.6		22				0.5			0.10	90
701116			9.5	7.7		21				0.0			0.10	50
701014		17.8	5.8	7.1		23				0.2			0.90	330
700826		28.3	5.6	7.5		21	0.000	50		0.0			0.50	85
700715		27.2	7.4	3.0		10				0.0			0.00	25
700714		28.3	7.0	7.7		18				0.0			0.10	130
700603		22.2	5.7	7.3		21				0.9			0.40	4000
700505			4.5	6.8		31				0.2			0.10	65
700331		9.4	9.2	7.3		18				0.5			0.10	150
700225		5.0	11.3	7.4		17				0.7			1.30	80
700202			11.5	7.5		22				0.7			0.10	600
691209		4.4	10.3	7.1		25				0.2			0.10	130
691104			6.6	7.1		33				0.0			0.10	140
691021		14.4	4.7	7.2		21				0.0			0.10	55
690916		21.1	3.8	7.4		19	0.000	370		0.0			0.50	110
690709		28.3	4.1	6.6		29				0.0			0.00	1200
690604		23.3	6.2	7.3		16				0.2			0.10	110
690504				7.6		18				1.1			0.10	150
690416		17.8	6.6	6.9		33				0.7			0.20	280
690226		6.7	11.5	7.3		17				1.8			0.10	55
690203			9.3	6.7		27				0.5			0.20	490
681204		6.7	9.8	6.7		19				0.5			0.60	250
681028			8.0	7.2		34				0.0			0.30	75
681023		15.6	7.8	7.1		36				0.0			0.20	45
680911		26.1	10.9	7.9		42	0.000	180		0.0			0.50	44
680806			4.6	7.1		20				0.0			0.20	100
680723		30.0	6.1		2.513	29				0.2			0.40	140
680611		23.9	2.7	7.3		18				1.8			0.40	25
680430		19.4	7.2	7.6		22				2.5			0.40	130
680313		3.9	12.0	7.4		13				2.0			0.40	140
680117		0.6	10.9	7.1		16				3.2			0.50	7
671129		3.9	14.0	7.7		14				0.5			0.20	20
671017		17.2	0.5	6.6		26				0.0			0.30	800
670906		26.7	9.5	7.6	0.098	21	0.000		1.00	0.0			0.30	70
670620		26.7	6.5	7.7									0.40	150
670517		16.1	6.1	6.8									0.10	140
670405		18.9	6.5	7.2									0.20	75
670201		10.0	10.6	6.8									0.20	95
661109		16.1	3.8	6.6									0.30	40
660928		19.4	6.8	7.2									0.20	80
660810		28.9	9.9	8.0									0.20	90
660615		23.3	5.0	7.5									0.00	950
660427		16.7	6.6	7.1									0.20	700

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
660315		12.2	9.0	7.1									0.20	150
660117		1.1	12.5	8.0									0.60	3
651109		12.2	2.4	6.9									0.20	45
650823		26.7	10.5	6.6									0.10	75
650512		19.4	5.0	7.7									0.20	240
650302		7.2	10.0	7.2									0.40	360
650105		5.0	8.9	6.8									0.20	220
641006		10.0	5.6	7.1									0.40	85
640826				8.1									0.30	120
640721		25.6	4.0	6.8									0.40	230
630723		24.4	3.8	6.7									0.20	300
621016		21.1	7.6	6.8									0.50	65
620206		2.8	9.7	7.5									0.10	30
610612			4.3	7.0									0.10	400
610104		0.0		7.0									0.30	12
590707		22.2	6.2	7.9	0.033								0.00	90
590618			8.0	7.0										60
580616			4.7	7.2					0.20	0.5				1500

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740731		0.0	0.000	3.0	1.10	0.0	0.4	300	130	0.00	0.01	0.0		
740501		0.1	0.000	10.0	0.50	0.0	0.2	80	100	0.28	0.40	0.0		
740205		0.0	0.000	4.0	0.20	0.0	0.2	34	62	0.00	0.01	0.0		
721025		0.0	0.000	1.0	0.42	0.0	0.3	105	96	0.05	0.01	0.0		
720726		0.0	0.000	2.2	2.00	0.0	0.2	190	80	0.10	0.11	0.0		
720612		0.0	0.000	3.5	2.57	0.0	0.3	120	120	0.35	0.19	0.1		
720418		0.0	0.000	11.5	0.35	0.0	0.2	15	53	0.08	0.00	0.1		
720316				4.5	1.23		0.2	26	35	0.42				
710712								104	100				300	208
710629								114	72				278	182
710504								120	160				300	164
710208								118	120				230	96
701116								180	120				335	156
700826		0.0	0.000	0.7	0.60	0.0	0.2	66		0.00	0.15	0.0	204	120
700715				84.0	38.40			11	2500				1240	
690916		0.0	0.000			0.0	0.1			0.00	0.00	0.1		
690709				0.0			0.0				0.00			
690604								164	120				440	204
690504								120	180				292	136
690226								117	130				280	114
681028								290	70				276	170
681023								65	70				260	162
680911		0.0	0.000	0.4	1.20	0.0	0.3	420	48	0.00	0.05	0.0	340	128
680806								275	75				220	74
680723													260	
680430								108	26				312	172
680313								290	100				340	144
680117								440	65				530	212
671129								280	40				470	232
670906		0.4	0.020	1.7	0.70	0.0	0.1	92	11	0.20	0.00	0.1	156	108
670620	3							155	20				410	292
670517	2							54	23				128	58
670405	4							215	46				310	124
670201	2							320	83				300	68
661109	2							235	43				360	164
660928	1							90	8				126	100
660810	3							250	25				320	212
660615	4							122	45				160	164
660427	4							24	16				84	48
660315	3							134	54				228	132
660117	1							440	40				250	224
651109	3							215	370				410	212
650823	4							104	19				124	122

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
650512	3							760	1000				500	218
650302	3							64	20				172	44
650105	4							790	760				740	52
641006	3							380	162				580	156
640826	0								225				300	160
640721	1							232	23				180	50
630723				2.5				50	20				112	74
621016	10							410	31				224	10
620206	2							300					310	140
610612	2							70	24				100	48
610104	1							330	169					160
590707	2							330	360				450	220
590618								116					204	102
580616	0			0.0	0.30		0.4	82	39					66

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740731	0.000	0.2	0.010	0.00	0.00			0.00	0.000					
740501	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
740205	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
721025	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
720726	0.000	0.1	0.000	0.00	0.00	0.00		0.00	0.000					
720612			0.000	0.00	0.00				0.000					
720418			0.000	0.00	0.00				0.000					
720316							0.60							
700826			0.000	0.00	0.00									
700715													1860	800
690916	0.000		0.000	0.00	0.00									
690709			0.000											
680911	0.000		0.000	0.00	0.00									
670906	0.000		0.000	0.00	0.00									

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		17.8	2.6	7.1	0.180		0.010	1100	0.10	3.1	667	1.5	0.40	
740731		25.6	2.7	8.0	0.220		0.000	0	0.05	0.0	5500		1.60	
740702		26.7	7.0	8.1	0.200		0.020	270	0.15	0.0	2000		0.80	
740605		22.8	8.1	7.7	0.240		0.010	2500	0.10	0.8	767	0.4	0.40	
740501		17.8	8.2	7.8	0.150		0.010	28000	0.15	0.5	1133		0.50	
740411		14.4	9.9	7.5	0.180		0.005	700	0.20	1.1	550		0.30	
740321		3.3	12.1	7.2	0.550		0.005	8200	0.35	1.1	217	2.1	0.20	
740205		5.6	11.7	7.9	0.230		0.005	40	0.20	1.3	817		0.50	
740117		2.8	12.4	7.4	0.280		0.010	1100	0.25	3.0	367		0.70	
731204		10.6	10.5	8.1	0.140		0.005	170	0.10	2.2	667	0.0	0.30	
731105		7.2	12.6	8.2	0.080		0.010	100	0.00	0.0	1500		0.60	
730924		17.2	6.9	8.1	0.140		0.010	860	0.00	0.0	1083	0.0	0.50	
730829		26.1	6.3	8.2	0.140		0.005	10	0.25	0.0	1267		0.60	
730720		26.7	9.8	8.2	0.180		0.010	200	0.20	0.0	1250		0.80	
730614		24.4	4.3	7.4	1.020		0.010	52000	0.20	1.3	400	0.0	0.30	
730510		17.8	7.0	7.4	0.180		0.000	700	0.32	0.5	383		0.40	
730411		6.7	11.7	7.7	0.090		0.007	220	0.25	0.8	633		0.50	
730322		8.3	10.2	7.6	0.130		0.007	500	0.36	0.9	417	0.0	0.50	
730208		0.6	12.3	7.5	0.290		0.010	1200	0.10	1.0	517		0.50	
730125		0.3	11.3	7.5	0.180		0.010	300	0.28	1.1	550		0.40	
721227		1.1	12.4	7.5	0.130		0.008	370	0.08	2.1	817		0.00	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
721026		8.3	14.5	8.4	0.160		0.011	70	0.24	0.0	1183	0.0	0.80	
720928		23.9	6.6	7.7	0.190		0.013	29000	0.28	0.3	567	0.0	0.50	
720913		22.8	4.5	7.0	0.210		0.010	790	0.38	0.2	367	0.0	0.40	
720808		24.4	4.8	7.5	0.260		0.005	1400	0.37	0.3	633	0.3	0.40	
720726		25.6	3.2	7.7	0.020		0.010	320	0.23	0.4	817		1.20	65
720613		22.8	3.3	7.7	0.020		0.010	570	0.20	0.0	1633		0.80	
720511		16.1	7.3	8.2	0.210		0.010	300	0.09	0.5	1233		0.70	
720419		16.1	5.3	7.3	0.050		0.010	800	0.30	1.1	237		0.40	300
720320		7.8	8.1	7.4	0.020		0.010	220	0.30	2.2	683		0.80	120
720208		0.6	11.8	7.3	0.310		0.020	480	1.40	2.0	2017		1.70	55

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740903		0.0	0.000	2.1	0.39	0.0	0.1	95	85	0.00	0.02	0.0		
740605		0.0	0.000	6.4	0.38	0.0	0.4	115	120	0.28	0.26	0.1		
740321		0.3	0.000	10.0	0.70	0.0	0.2	21	42	0.60	0.40	0.2		
731204		0.0	0.000	3.5	0.40	0.0	0.2	96	95	0.00	0.01	0.0		
730924		0.1	0.000	0.8	0.35	0.0	0.3	66	180	0.00	0.01	0.0		
730614		0.3	0.000	25.0	1.45	0.0	0.2	47	110	0.02	0.03	0.1		
730322		0.0	0.000	4.1	0.20	0.0	0.2	41	92	0.15	0.04	0.0		
721227			0.000	0.9	0.23	0.0	0.2	105	180	0.07	0.01	0.0		
720913		0.2	0.000	4.6	1.30	0.0	0.3	42	50	0.07	0.02	0.0		
720726		0.0	0.000	2.4	2.00	0.0	0.2	120	92	0.06	0.10	0.0		
720419		0.0	0.000	7.5	0.30	0.0	0.1	27	69	0.09	0.06	0.1		
720208			0.000	1.6	0.82		0.2	490	180					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740903	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740731												3910		
740702												1210		
740605	0.001	0.1	0.000	0.00	0.00			0.00	0.000					
740321	0.003	0.2	0.000	0.00	0.00			0.00	0.000					
731204	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
731105												950		
730924	0.000	0.0	0.000	0.00	0.00			0.00	0.020					
730614	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
730322	0.000	0.3	0.000	0.00	0.00			0.00	0.000					
721227			0.000	0.00	0.00									
720913	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720726	0.000	0.2	0.000	0.00	0.00	0.00		0.00	0.000					
720419			0.000	0.00	0.00				0.000					
720208							0.52							

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		18.3	3.5	7.1	0.100		0.010	240	0.07	0.1	467		0.20	
740731		28.9	2.5	7.6	0.080		0.000	200	0.05	2.2	1033	0.4	0.50	

ATPE01 RECTOR 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740702		29.4	9.0	8.0	0.060		0.005	50	0.35	3.8	1200		1.70	
740605		21.7	5.7	7.5	0.700		0.015	25000	0.80	6.2	567		1.00	
740501		16.7	8.7	7.9	0.130		0.015	14000	0.10	0.5	533	0.2	0.20	
740411		13.9	9.9	7.7	0.080		0.005	480	0.15	1.5	567		0.30	
740321		3.9	11.5	7.2	0.360		0.010	7500	0.25	1.2	183		0.20	
740205		5.0	13.2	7.9	0.050		0.000	20	0.05	1.6	817	0.0	0.50	
740117		2.8	11.3	7.4	0.200		0.010	770	0.15	4.8	350		1.30	
731204		10.6	9.9	8.0	0.080		0.005	600	0.00	2.7	717		0.30	
731108		7.2	10.8	8.0	0.070		0.010	10	0.00	0.0	1200	0.2	0.40	
731022		14.4	12.9	8.3	0.600		0.005	110	0.05	0.0			0.40	
730924		16.7	5.7	7.9	0.040		0.005	140	0.10	0.0	1083		0.40	
730720		26.1	7.2	8.1	0.060		0.000	190	0.15	0.3	2167		0.80	
730614		23.3	7.2	8.0	0.020		0.000	290	0.05	3.0	983		0.70	
730510		16.1	7.9	7.6	0.130		0.008	1000	0.39	0.6	483		0.60	
730411		3.9	12.0	7.5	0.040		0.008	140	0.14	0.0	583		0.40	
730322		8.3	11.0	7.7	0.070		0.000	100	0.26	1.3	500		0.50	
730208		0.6	12.3	7.3	0.240		0.013	900	0.23	0.6	400		0.50	
730125		3.3	11.9	7.6	0.080		0.000	100	0.28	1.6	717		0.50	
721227		1.1	12.6	7.7	0.480		0.000	100	0.20	2.5	833		0.70	
721026		7.2	7.9	7.7	0.320		0.011	310	0.24	0.0	1050	0.2	0.70	
720928		21.1	6.2	6.7	0.050		0.015	15000	0.91	0.4	867		0.70	
720906		21.1	7.9	7.8	0.900		0.005	130	0.25	0.0	433	0.0	0.60	
720815		20.0	4.7	7.4	0.170		0.000	1300	0.34	0.3	300	0.0	0.50	
720725		30.6	6.3	8.0	0.070		0.005	770	0.14	0.1	533	0.5	0.30	
720718		27.8	5.1	7.0	0.050		0.030	3500	0.22	1.0	417		0.40	
720706		17.2	5.2	7.4	0.040		0.010	6000	0.45	1.0	483		0.50	
720613		23.9	3.8	7.2	0.040		0.010	190	0.15	0.3	817		0.04	40
720511		16.1	9.9	8.4	0.180		0.000	100	0.09	0.8	1167		0.60	
720419		16.7	6.8	7.3	0.050		0.000	400	0.30	2.5	513		0.60	
720320		7.2	10.0	7.3	0.180		0.020	10	0.20	2.0	258		0.50	37
720208		0.6	12.0	7.6	0.170		0.015	720	1.00	1.4	857		0.90	60

ATPE01 RECTOR CREEK
COUNTY ROAD BRIDGE 4 MILES NORTH OF ELDORADO --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740731		0.0	0.000	1.2	0.10	0.0	0.3	115	255	0.00	0.01	0.0		
740501		0.0	0.000	2.4	0.12	0.0	0.1	47	120	0.07	0.14	0.0		
740205		0.0	0.000	0.5	0.13	0.0	0.1	67	195	0.00	0.01	0.0		
731108		0.0	0.000	0.4	0.08	0.0	0.2	67	420	0.00	0.00	0.0		
721026		0.0	0.000	0.8	0.15	0.0	0.2	77	195	0.06	0.01	0.0		
720613		0.0	0.000	1.9	0.69	0.0	0.3	50	150	0.05	0.03	0.1		
720208							0.1	105	220					

ATPE01 RECTOR CREEK
COUNTY ROAD BRIDGE 4 MILES NORTH OF ELDORADO --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740731	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740501	0.001	0.1	0.000	0.00	0.00			0.00	0.000					
740205	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731108	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
731022												1200		
721026	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
720613			0.000	0.00	0.00				0.000					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740905		20.0	2.5	7.8	0.080		0.005	450	0.50	0.0	1467	0.2	1.50	
740814		23.3	2.1	7.5	0.020		0.010	430	0.05	0.1	1833		0.40	
740718		27.8	1.3	7.6	0.050		0.025	540	0.25	0.0	1667		0.60	
740618		29.4	10.4	6.5	0.580		0.000	200	0.20	6.5	1667	0.0	1.40	
740516		21.1	7.8	7.3	0.110		0.015	3300	0.10	0.2	667		0.30	
740422		16.1	8.1	7.0	0.240		0.015	25000	0.20	0.2	483		0.20	
740326		12.8	11.1	7.7	0.040		0.010	60	0.20	0.4	900	0.0	0.40	
740205		5.0	13.3	7.8	0.030		0.000	10	0.00	0.5	1267		0.80	
740117		2.8	11.8	7.3	0.140		0.010	760	0.15	2.9	400		0.80	
731204		10.6	9.7	7.7	0.260		0.010	1900	0.30	1.3	1200	0.0	0.30	
731108		6.7	10.4	7.7	0.060		0.030	40	0.00	0.0	2300		1.10	
731022		14.4	10.5	7.7	0.000		0.005	4100	0.27	0.1			0.50	
730924		16.7	6.5	7.7	0.020		0.010	560	0.10	0.0	1833		0.70	
730720		26.7	6.7	7.9	0.020		0.030	2200	0.10	0.0	3500		1.50	
730614		23.9	7.2	7.6	0.120		0.005	5100	0.05	0.4	767		0.50	
730510		16.7	7.9	7.3	0.110		0.008	1300	0.27	0.2	600		0.60	
730411		3.3	12.6	7.4	0.040		0.007	60	0.18	0.2	750		0.50	
730322		8.3	11.6	7.5	0.050		0.007	100	0.26	0.5	717		0.60	
730208			14.3	7.2	0.150		0.010	600	0.20	0.3	617		0.60	
730125		1.7	13.0	7.3	0.060		0.010	100	0.18	0.5	850		0.60	
721227		1.7	10.2	7.5	0.050		0.008	30	0.11	1.2	1133		1.00	
721026		8.3	10.1	7.7	0.260		0.020	100	0.20	0.0	1667		1.00	
720928		21.1	6.4	7.3	0.050		0.015	10	0.15	0.0	1383		1.00	
720906		21.7	7.9	7.4	0.060		0.010	370	0.20	0.0	1100	0.0	1.10	
720815		20.0	5.7	6.6	0.050		0.005	280	0.10	0.2	917		0.70	60
720725		30.6	9.1	8.3	0.030		0.020	10	0.14	0.0	2500	0.5	1.30	
720613		23.9	7.1	7.6	0.010		0.020	140	0.20	0.0	3333		1.60	
720511			9.3	8.2	0.060		0.010	100	0.08	0.0	2083		1.20	5
720419		16.7	7.2	7.2	0.020		0.010	900	0.25	0.5	743		0.60	
720320		7.2	10.4	7.2	0.010		0.000	40	0.20	0.4	1467		1.00	27
720215		5.0	12.1	7.5	0.020		0.025	10	0.30		3183		2.00	10

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740905		0.0	0.000	0.2	0.77	0.0	0.2	265	300	0.52	0.02	0.0		
740618		0.0	0.000	0.2	0.08	0.0	0.2	320	240	0.13	0.02	0.0		
740326		0.0	0.000	0.9	0.20	0.0	0.1	165	135	1.15	1.07	0.2		
731204		0.0	0.000	9.5	0.46	0.0	0.2	255	175	0.00	0.01	0.0		
720906		0.1	0.000	1.6	0.80	0.1	0.4	200	160	0.14	0.01	0.1		
720815		0.1	0.000	2.6	0.64	0.0	0.1	170	170	0.14	0.02	0.1		
720511		0.0	0.000	0.3	0.28	0.0	0.1	400	350	0.02	0.01	0.0		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740905	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740814												915		
740718												2220		
740618	0.001	0.5	0.000	0.00	0.00			0.00	0.000			1160		
740326	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731204	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
731108												1600		
731022												1100		
720906	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720815	0.000	0.2	0.000	0.00	0.00	0.00		0.00	0.000					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
720511			0.000	0.00	0.00				0.000					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		18.3	2.2	7.5	0.120		0.010	2000	0.09	2.0	967		0.50	
740731		26.1	2.9	7.9	0.290		0.100	3	0.07	0.0	700		0.20	
740732		25.0	8.2	8.1	0.050		0.000	130	0.15	2.4	817	0.0	1.00	
740605		20.0	8.1	8.0	0.140		0.005	920	0.10	7.0	800		1.20	
740501		16.7	8.5	8.0	0.170		0.015	19000	0.20	4.3	717		0.60	
740411		14.4	10.0	7.8	0.180		0.005	930	0.30	3.5	667	0.0	0.50	
740321		5.0	10.3	7.3	0.590		0.010	16000	0.30	2.0	283		0.30	
740117		2.2	12.6	7.7	0.260		0.010	1000	0.25	5.0	450	0.0	1.20	
731204		10.6	9.2	8.3	0.160		0.010	1100	0.00	5.2	1067		0.50	
731105		6.1	6.9	7.6	0.140		0.020	10	0.10	0.0	420	0.2	0.30	
730720		26.1	6.4	7.9	0.300		0.000	5300	0.25	2.0	483		0.60	
730614		24.4	7.1	8.0	0.100		0.005	1300	0.05	7.5	800		1.30	
730510		16.1	8.0	7.7	0.200		0.010	1400	0.27	2.5	317		1.00	
730411		8.3	11.7	7.9	0.100		0.008	480	0.24	3.3	600		0.80	
730322		8.9	10.4	7.9	0.110		0.007	200	0.39	4.2	533		1.00	
730208		0.6	12.4	7.5	0.320		0.010	2100	0.20	2.4	550		0.60	
730125		3.9	11.5	7.8	0.130		0.008	200	0.25	9.3	683		1.10	
721227		1.7	12.2	7.8	0.100		0.000	230	0.18	8.0	900		1.30	
721026		8.3	9.1	7.7	0.150		0.010	80	0.23	0.0	267		0.40	
720928		23.3	5.0	7.6	0.260		0.020	6000	0.36	0.4	733	0.0	0.80	
720913		22.2	2.1	6.9	0.050			10	8.50	0.0		0.0		
720808		20.6	5.6	7.0	0.330		0.000	1300	0.67	0.4	333		0.40	250
720726		22.8	3.8	7.7	0.080		0.010	1400	0.30	0.0	500	0.0	0.10	
720718		23.9	5.2	7.3	0.090		0.015	2500	0.26	0.5	500		0.50	
720706		17.8	6.6	8.1	0.040		0.005	360	0.23	0.0	567		0.50	
720613		21.1	8.0	8.1	0.030		0.005	10	0.15	1.2	767		0.50	
720419		15.6	7.5	7.6	0.060		0.010	800	0.25	6.7	600		1.20	
720320		7.2	9.9	7.7	0.260		0.000	150	0.10	9.0	733		1.50	60
720215		3.9	11.5	7.7	0.190		0.016	680	0.60		2233		1.50	45

ATFJ01 CANE CREEK
COUNTY ROAD BRIDGE 1.5 MILE SOUTHWEST OF OMAHA --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740702		0.0	0.000	0.3	0.05	0.0	0.2	95	25	0.31	0.11	0.1		
740411		0.0	0.000	2.0	0.15	0.0	0.1	75	76	0.21	0.20	0.0		
740117		0.0	0.000	3.2	0.15	0.0	0.2	46	51	0.06	0.01	0.1		
731105		0.0	0.000	1.1	0.28	0.0	0.2	21	57	0.07	0.01	0.0		
720928		0.1	0.000	6.8	0.70	0.0	0.2	180	40	0.07	0.70	0.0		
720808		0.0	0.000	10.0	0.48	0.0	0.2	75	28	0.02	0.02	0.0		
720320			0.000	1.1	0.17		0.3	89	65	0.09				

ATFJ01 CANE CREEK
COUNTY ROAD BRIDGE 1.5 MILE SOUTHWEST OF OMAHA --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740702	0.000	0.1	0.000	0.00	0.00			0.00	0.000					

ATFJ01 CANE CREEK
COUNTY ROAD BRIDGE 1.5 MILE SOUTHWEST OF OMAHA --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740411	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740117	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
731105	0.007	0.0	0.000	0.00	0.00			0.00	0.000					
720928	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720808	0.000	0.2	0.000	0.00	0.00	0.00		0.00	0.000					
720320							0.20							

ATG 02 MIDDLE FORK SALINE RIVER
ROUTE 13 BRIDGE 2 MILES EAST OF HARRISBURG
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
710712			4.9	7.5		24				0.0			0.20	25
710630		25.0	14.3	7.6		38				0.0			0.80	50
710526		16.7	5.8	6.7		42				0.2			1.00	270
710504			8.5	7.9		13				0.0			0.10	35
710414		11.7	9.1	7.4		11				0.5			1.10	30
710303		4.4	10.8	7.2		14				0.2			0.20	30
701116			9.6	7.2		18				0.0			0.50	25
701015		15.6	6.0	6.7		8				0.2			1.20	35
700827		21.7	5.1	7.8		14	0.000	37000		0.0			0.40	20
700715		25.6	2.8	7.7		16				0.0			0.30	25
700604		19.4	6.7	7.1		27				0.5			0.70	370
700505			8.0	6.9		16				0.2			0.10	30
700401		10.6	9.3	7.2		9				0.2			0.10	70
700226		1.7	12.3	7.3		11				0.2			0.80	45
700202			12.0	7.2		39				0.2			0.10	1000
691210		4.4	10.7	7.0		12				0.0			0.00	40
691104			8.0	7.1		16				0.0			0.20	25
691022		13.9	5.5	7.7		10				0.0			0.20	25
690917		23.3	1.9	7.1		17	0.000	200000		0.2			1.00	60
690812			5.5	7.6		14				0.0			0.20	40
690710		27.2	5.5	7.1		13				0.0			0.00	120
690605		20.6	5.8	7.2		12				0.0			0.20	35
690504				7.3		14				0.2			0.20	40
690417		18.9	6.8	6.9		29				0.5			0.10	95
690227		5.0	11.0	7.1		12				0.5			0.20	40
690203			9.3	6.5		16				0.5			0.20	100
681205		4.4	9.2	6.5		12				0.5			0.20	60
681028			5.8	6.8		24				1.1			1.00	45
681024		12.8	4.2	7.0		24				0.2			0.20	45
680912		16.7	5.1	7.4		14	0.000	19000		1.6			0.50	20
680806			4.7	6.9		12				0.2			0.40	35
680724		26.7	5.6	6.7		12				0.7			0.30	34
680612		24.4	3.5	7.0		13				1.1			0.50	75
680501		17.8	6.8			4				0.2			0.10	36
680313		1.1	12.4	7.0		14				1.4			0.30	130
680118		0.6	10.9	7.2		10				0.9			0.50	58
671130		3.9	9.7	7.6		19				0.0			0.30	1200
671018		14.4	6.0	6.7		23				0.5			0.20	160
670907		21.1	0.0	7.2	4.405	37	0.000		9.50	0.0			0.70	48
670621		23.9	1.9	7.1									0.50	35
670518		16.7	7.1	6.9									0.20	40
670406		18.3	6.2	7.0									0.30	13
670202		8.9	9.8	6.8									0.10	65
661110		14.4	3.0	6.4									0.30	130
660929		16.1	3.5	5.6									0.60	17
660811		23.9	0.0	7.3									1.70	80
660616		21.7	5.0	6.8									0.20	90
660427		6.1	6.5	6.7									0.00	360
660315		12.2	9.2	7.1									0.30	55
660117		2.2	9.1	7.3									1.30	80
651110		10.0	2.8	7.1									0.30	21
650824		21.1	5.4	5.4									0.50	12
650512		18.9	4.9	7.0									0.40	25

ATG 02 MIDDLE FORK SALINE RIVER
ROUTE 13 BRIDGE 2 MILES EAST OF HARRISBURG --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
650302		8.9	8.9	6.7									0.30	340
650105		3.3	7.7	4.7									0.60	40
641036		10.0	6.8	6.5										14
640826				3.9									0.80	60
640721		25.6	4.3	4.8									0.80	9
630723		24.4	4.6	5.4									2.60	30
630326		10.0	7.6	5.7									0.00	90
621316		21.1		3.8										65
620206		2.8	11.2	7.0									0.30	15
610612			5.6	6.8									0.30	40
610104		0.0		6.1									0.00	20
590706		21.1	6.5	5.6	0.000								0.00	70
590310			8.7	6.7										30
580616			5.0	4.4					0.30	0.2				1500

ATG 02 MIDDLE FORK SALINE RIVER
ROUTE 13 BRIDGE 2 MILES EAST OF HARRISBURG --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
710712								100	1000				1060	132
710630								41	1825				1630	200
710504								45	550				600	100
710414								70	463				512	100
710303								61	460				510	96
701116								125	830				970	108
701015								350	489				700	60
700827		0.0	0.000	0.6	2.70	0.0	0.5	40		0.00	0.00	0.0	2424	260
700715								28	2000				1960	188
700505								28	480				564	96
700401								36	460				520	78
700226								43	400				416	76
691210								48	790				790	68
691104								45	1400				1540	114
691022								35	2000				2080	180
690917		0.0	0.000			0.0	0.3	47	650	0.00	0.00	0.0	1940	200
690812				0.0			0.0	30			0.00		1640	140
690710				0.0			0.0	34	770		0.00		760	80
690605								35	1800				1700	160
690504								50	930				1120	110
690417								26	300				428	60
690227								61	670				830	84
681205								62	890				810	38
681028								102	1800				1600	166
681024								37	2200				2080	174
680912		0.0	0.000	0.4	0.60	0.0	0.5	37	825	0.00	0.00	0.0	1980	156
680806								30	2000				2180	112
680724								26	1065				1440	96
680612								50	500					124
680501								48	154				370	
680313								165	123				290	40
680110								180	330				1000	132
670907		0.6	0.020	2.5	0.90	0.0	0.2	90	90	0.10	0.00	0.1	410	176
670621	15							250	382				1260	136
670518	1							42	100				350	84
670406	3							85	150				520	88
670202	2							68	70				600	32
661110	26							46	17				232	72
660929	3							50	17				126	
660811	12							52	135				360	120
660616	3							90	460				840	96
660427	3							6	13				82	36
660315	2							50	46				332	52
660117	7							78	390				870	108
651110	5							50	1075				1640	68
650824	2							24	1080				1900	16
650512	3							560	925				980	76

ATG 02 MIDDLE FORK SALINE RIVER
ROUTE 13 BRIDGE 2 MILES EAST OF HARRISBURG --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
650302	2							34	185				192	42
650105								760	700				690	
641006	7							1350	760				1520	48
640826	2								375				380	0
640721								65	732				1070	
630723				3.0				54	700				1050	12
630326								26	225				212	20
621016								100	260				456	
620206	2							100	700				800	60
610612	4							55	732				940	38
610104	1							115	770				650	18
590706	0							300	2430				2600	6
590318								160					450	28
580616				0.1	4.00		0.7	114	529				255	

ATG 02 MIDDLE FORK SALINE RIVER
ROUTE 13 BRIDGE 2 MILES EAST OF HARRISBURG --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
700827			0.000	0.00	0.00									
690917	0.000		0.000	0.00	0.00									
690812			0.000											
690710			0.000											
680912	0.000		0.000	0.00	0.00									
680501													520	160
670907	0.000		0.000	0.00	0.00									

ATG 03 MIDDLE FORK SALINE RIVER
COUNTY ROAD BRIDGE 3 MILES SOUTHEAST 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		21.7	2.5	7.5	0.410		0.010	150	0.83	0.6			0.20	
740731		26.1	4.2	8.2	0.980		0.000	0	0.05	0.1	3833		0.40	
740702		26.7	8.3	8.1	0.420		0.000	60	0.15	0.2	2500	0.0	0.50	
740605		24.4		8.2	0.190		0.005	110	0.10	0.1	1400		0.40	
740502		18.3	7.4	7.7	0.400		0.010	2000	0.25	1.2	967		0.40	
740411		13.3	10.9	7.5	0.120		0.005	330	0.25	0.9	1550	1.7	0.30	
740319		10.6	10.4	4.8	0.080		0.005	10	0.75	0.3	633		0.10	
740205		3.9	10.5	7.5	0.100		0.000	60	0.45	1.2	1183		0.30	
740129		6.1	10.2	7.1	0.130		0.010	1100	0.15	0.9	533	0.0	0.40	
731204		10.6	9.8	7.5	0.060		0.005	290	0.65	1.3	1317		0.10	
731108		7.2	10.8	7.8	4.700		0.010	1500	5.00	0.8	1600		0.90	
731022		16.1	10.8	8.0	1.200		0.005	1500	0.85	0.3		0.2	0.40	
731003		20.6	5.1	7.7	1.500		0.012	570	1.80	0.6	3667		0.80	
730831		25.0	2.6	7.6	0.440		0.010	140	1.80	0.3	933		0.50	
730705		25.6	8.2	7.1	0.600		0.005	10	0.30	0.6	3667		1.40	
730614		24.4	6.0	7.5	0.520		0.010	9400	0.35	1.5	2333		0.40	
730507		15.6	9.0	7.6	0.100		0.000	30	0.45	0.9	1833		0.70	
730410		5.0	10.9	7.5	0.160		0.008	970	0.88	0.7	750		0.40	
730322		7.2	9.6	7.4	0.150		0.012	800	0.49	0.9	783		0.50	
730205		6.7	11.1	7.5	0.170		0.000	1100	0.55	1.2	833		0.50	
730108		0.0	12.6	7.4	0.210		0.000	220	0.61	1.2	1517		0.70	
721205		4.4	10.0	7.5	0.410		0.000	40	1.40	1.2	1667		0.70	
721026		8.3	7.2	7.3	2.300		0.011	7000	4.20	0.7	2667	0.2	1.10	
720927		23.3	4.6	6.9	0.900		0.013	34000	4.20	2.1	583	0.0	1.00	
720906		21.7	5.4	6.7	0.900		0.010	350	2.65	1.0	1833	0.0	1.10	
720817		26.1	3.6	6.6	0.700		0.010	260	1.94	0.4	883		0.80	20
720725		24.4	6.9	7.6	0.390		0.010	10	3.70	0.8	3833	0.4	0.50	
720613		22.2	4.8	7.7	0.520		0.010	110	1.50	1.3	2833		0.80	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720511		14.4	6.8	8.1	0.180		0.000	270	0.95	0.6	2833		0.50	20
720420		16.1	5.4	6.9	0.080		0.010	2800	0.40	1.6	617		0.30	
720321		8.3	7.8	6.9	0.010		0.010	130	0.40	1.6	1333		0.70	50
720209		0.6	12.4	7.2	0.070		0.000	2400	1.10	1.0	1767		0.60	20

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740702		0.0	0.000	0.4	0.62	0.1	0.3	40	365	0.35	0.17	0.1		
740411		0.0	0.000	1.4	0.62	0.0	0.1	22	350	0.23	0.15	0.1		
740129		0.0	0.000	3.4	0.50	0.0	0.1	15	190	0.00	0.01	0.0		
731022		0.0	0.000	1.2	0.55	0.0	0.6	43	2400	0.01	0.00	0.0		
720817		0.0	0.000	1.2	1.68	0.0	0.2	42	300	0.19	0.02	0.1		
720511		0.0	0.000	1.8	2.20	0.0	1.5	73	1200	0.03	0.01	0.0		
720209			0.000	2.3	2.02		0.2	76	770					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740903												3830		
740731												3060		
740702	0.000	0.2	0.000	0.00	0.00			0.00	0.000			2310		
740411	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740319												500	64	
740129	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
731108												1200		
731022	0.000	0.2	0.000	0.00	0.04			0.00	0.000			4000		
720817	0.000	0.3	0.005	0.00	0.00	0.00		0.00	0.000					
720511			0.000	0.00	0.00				0.006					
720209							0.34							

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		16.7	1.8	6.8	0.320		0.030	2800	0.13	0.3	517		0.20	
740731		23.9	1.7	7.6	0.040		0.000	110	0.08	0.0	2167	0.2	0.80	
740702		26.1	5.8	7.9	0.040		0.005	150	0.15	0.0	1300		0.70	
740605		22.2	6.5	7.8	0.080		0.010	2500	0.10	0.2	1117		0.50	
740501		16.7	7.7	7.5	0.120		0.010	17000	0.10	0.2	533	0.3	0.40	
740411		13.3	10.3	7.4	0.100		0.000	860	0.10	0.2	550		0.20	
740319		10.6	9.9	7.5	0.060		0.005	5900	0.10	0.4	567		0.20	
740205		5.0	13.0	7.8	0.050		0.005	180	0.10	0.5	800	0.0	0.50	
740129		6.1	11.2	7.2	0.120		0.010	2000	0.10	0.5	367		0.40	
731204		9.4	9.3	7.9	0.060		0.005	310	0.00	0.5	883		0.20	
731108		7.8	11.7	7.8	0.140		0.010	60	0.10	0.0	1900	0.2	0.70	
731022		13.3	9.5	7.9	0.000		0.010	600	0.00	0.0			0.50	
731003		20.6	7.2	7.9	0.080		0.010	250	0.15	0.0	1200		0.50	
730829		27.8	5.4	7.9	0.100		0.000	170	0.20	0.0	317		0.10	
730705		25.6	7.1	8.0	0.080		0.060	10	0.10	0.0	2500		2.20	
730614		25.6	9.0	8.1	0.020		0.015	100	0.05	0.0	1667		0.80	

ATG 04 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730507		15.0	9.4	7.9	0.070		0.000	630	0.33	0.3	767		0.60	
730410		5.0	11.7	7.6	0.080		0.008	590	0.28	0.0	433		0.30	
730322		7.2	11.0	7.6	0.040		0.010	300	0.25	0.5	633		0.40	
730205		6.7	11.8	7.6	0.050		0.007	30	0.23	0.7	683		0.40	
730108		0.0	13.0	7.5	0.060		0.000	460	0.20	0.5	750		0.70	
721205		4.4	11.2	7.8	0.110		0.000	550	0.30	0.5	1100		0.60	
721026		11.7	12.8	8.1	0.070		0.010	10	0.23	0.0	1483	0.0	1.10	
720928		23.9	8.6	7.7	0.080		0.010	450	0.23	0.0	317		0.20	
720906		21.7	7.1	7.6	0.040		0.005	10	0.23	0.0	533	0.0	0.60	
720817		28.3	5.3	7.4	0.070		0.005	120	0.31	0.0	650	0.0	0.70	
720725		25.0	0.6	7.9	0.050		0.015	50	0.22	0.1	1250		0.80	25
720614		23.3	0.5	8.2	0.350		0.010	40	6.40	0.0	1267		0.60	
720419		17.2	6.6	7.5	0.080		0.010	2400	0.30	0.5	473		0.40	50
720320		13.3	9.4	7.5	0.180		0.010	510	0.20	0.7	833		0.60	40
720209		0.6	11.7	7.3	0.100		0.011	200	0.40	1.0	1383		0.90	25

ATG 04 MIDDLE FORK SALINE RIVER
ROUTE 34 BRIDGE 3.0 MILES NORTH OF HARRISBURG --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740731		0.0	0.000	0.4	0.60	0.0	0.3	450	300	0.00	0.00	0.0		
740501		0.0	0.000	2.0	0.21	0.0	0.2	45	130	0.26	0.24	0.1		
740205		0.0	0.000	0.6	0.33	0.0	0.1	79	190	0.00	0.02	0.0		
731108		0.0	0.000	0.6	0.52	0.0	0.2	330	350	0.02	0.00	0.0		
721026		0.2	0.000	0.4	1.40	0.0	0.2	275	420	0.05	0.01	0.0		
720725		0.0	0.000	1.0	4.40	0.0	0.2	200	180	0.09	0.18	0.0		
720419		0.0	0.000	2.4	0.37	0.0	0.1	37	120	0.05	0.06	0.0		
720320			0.000	1.0	0.36		0.1	82	160	0.10				

ATG 04 MIDDLE FORK SALINE RIVER
ROUTE 34 BRIDGE 3.0 MILES NORTH OF HARRISBURG --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740731	0.000	0.3	0.020	0.00	0.00			0.00	0.000			1540		
740501	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740205	0.000	0.2	0.020	0.00	0.00			0.00	0.000					
731108	0.000	0.0	0.010	0.00	0.00			0.00	0.000			1200		
721026	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
720725	0.000	0.0	0.000	0.00	0.00	0.00		0.00	0.000					
720419			0.000	0.00	0.00				0.000					
720320							0.70							

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		18.9	2.3	6.5	0.060		0.000	40	0.09	0.3		0.3	0.10	
740731		21.7	2.0	7.6	0.000		0.000	60	0.00	0.0	3833		0.30	
740701		24.4	6.7	8.2	0.020		0.000	160	0.15	0.0	3167		0.30	
740605		21.7	6.7	7.6	0.060		0.005	680	0.10	0.1	2333	0.2	0.20	
740501		16.7	8.0	7.1	0.040		0.010	760	0.10	0.3	833		0.20	
740411		13.9	9.3	7.4	0.060		0.000	180	0.15	0.3	1483		0.20	
740319		12.2	9.6	7.4	0.030		0.005	330	0.15	0.4	1567	0.6	0.10	
740205		5.0	11.9	7.7	0.020		0.000	20	0.30	0.4	2167		0.20	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740129		6.1	11.9	7.1	0.040		0.010	80	0.20	0.5	1133		0.30	
731204		10.6	9.1	8.0	0.020		0.005	250	0.30	0.6	2333	0.0	0.10	
731108		7.2	7.8	7.7	0.010		0.005	40	0.00	0.0	4100		0.20	
731022		13.9	9.2	7.8	0.040		0.005	250	0.00	0.0			0.20	
731003		20.6	7.4	8.0	0.120		0.000	710	0.10	0.0	6833		0.10	
730829		23.9	6.1	7.7	0.020		0.000	270	0.20	0.0	6333		0.20	
730705		25.6	7.3	7.9	0.000		0.005	10	0.10	0.0	4833		0.30	
730614		25.6	7.1	7.9	0.000		0.010	250	0.05	0.2	4167		0.30	
730507		14.4	9.1	7.5	0.020		0.008	130	0.35	0.5	2667		0.30	
730410		5.6	11.3	7.3	0.040		0.007	200	0.30	0.0	1400		0.30	
730322		7.2	10.1	7.4	0.040		0.007	300	0.38	0.3	1550		0.30	
730205		6.1	11.5	7.3	0.020		0.000	20	0.38	0.5	2000		0.30	
730108		0.0	12.9	7.3	0.020		0.000	10	0.20	0.2	2333		0.40	
721205		4.4	10.8	7.3	0.020		0.000	10	0.53	0.2	3000		0.40	
721026		8.3	9.4	7.1	0.080		0.007	60	0.20	0.1	2667		0.40	
720928		21.1	4.9	6.8	0.020		0.007	140	0.20	0.3	4000		0.30	
720906		21.1	8.7	7.3	0.030		0.005	170	0.30	0.1	5333	0.0	0.70	
720817		23.9	6.9	7.1	0.020		0.005	30	0.45	0.6	4667	0.0	0.60	
720725		26.1	7.6	7.9	0.080		0.000	20	0.12	0.0	5333	0.4	0.30	
720718		25.6	6.7	7.1	0.020		0.000	10	0.15	0.2	3833		0.30	
720706		18.9	8.4	7.6	0.050		0.000	40	0.32	0.0	5000		0.20	
720614		23.3	2.7	8.2	0.010		0.000	2	0.35	0.0	5500		0.02	7
720511		14.4	8.6	8.1	0.040		0.000	40	0.13	0.1	4167		0.20	
720419		16.7	6.8	7.3	0.010		0.000	500	0.30	0.3	1133		0.30	
720320		12.8	9.1	7.4	0.110		0.000	10	0.30	0.6	1550		0.40	40
720209		0.6	12.5	7.0	0.020		0.000	10	0.60	0.6	2733		0.30	35

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740903		0.0	0.000	1.6	2.40	0.1	0.1	10	1500	0.00	0.01	0.2		
740605		0.0	0.000	2.0	1.15	0.0	0.4	20	1300	0.50	0.14	0.1		
740319		0.0	0.000	2.8	0.20	0.0	0.2	16	840	0.57	1.04	0.4		
731204		0.0	0.000	1.2	1.92	0.0	0.4	15	1300	0.00	0.00	0.1		
720906		0.0	0.000	1.0	1.25	0.1	0.2	26	2700	0.14	0.00	0.1		
720614		0.0	0.000	1.0	0.56	0.0	0.3	25	2100	0.18	0.01	0.1		
720209								32	1500					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740903	0.000	0.1	0.000	0.00	0.00			0.00	0.000			1860		
740731												4250		
740701												3720		
740605	0.001	0.1	0.000	0.00	0.00			0.00	0.000			2250		
740319	0.003	0.1	0.000	0.00	0.00			0.00	0.000			1470		
740205												1860		
731204	0.000	0.2	0.010	0.00	0.00			0.00	0.000			2280		
731108												4536		
731022												4500		
720906	0.000	0.2	0.005	0.00	0.00			0.00	0.010					
720614			0.010	0.00	0.02				0.010					

ATGX01 BLACK RUN DITCH
COUNTY ROAD BRIDGE 1 MILE SOUTHEAST OF MUDDY
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		21.7	4.6	7.9	1.180		0.000	220	0.74	1.2	667		0.50	
740731		23.3	0.9	7.9	2.500		0.000	30	0.59	0.9	900		1.00	
740702		25.6	10.1	8.1	1.100		0.005	210	0.15	2.0	783	0.0	0.70	
740605		20.0	5.6	7.5	2.500		0.015	36000	1.80	2.2	467		0.60	
740501		15.6	8.1	7.9	0.480		0.010	8900	0.75	6.5	600		0.70	
740411		12.8	10.6	7.7	0.620		0.005	19000	0.75	9.0	708	3.7	0.60	
740319		9.4	9.1	7.6	0.520		0.005	1400	0.50	5.0	700		0.50	
740205		5.0	11.2	8.0	0.970		0.005	560	1.40	4.0	817		1.10	
740129		6.1	9.0	7.3	0.140		0.010	6300	0.55	4.1	533	0.3	0.90	
731204		10.6	8.9	7.8	0.380		0.005	2200	2.30	3.8	800		0.50	
731108		6.7	7.2	7.7	7.700		0.015	2400	11.00	1.8	980		2.00	
731022		14.4	8.7	7.9	8.800		0.015	2600	4.50	2.1		0.0	1.50	
731003		21.1	3.9	7.6	17.200		0.040	1000	14.00	6.0	2333		2.40	
730831		25.0	2.7	8.5	3.100		0.015	8200	0.65	0.0	900		1.30	
730705		25.6	10.4	8.4	1.060		0.015	2100	0.30	1.1	683		1.00	
730614		24.4	5.6	7.7	0.620		0.010	21000	0.35	3.5	433		0.60	
730507		15.0	10.8	7.7	0.190		0.000	170	0.55	4.3	767		1.10	
730410		6.7	11.0	7.7	0.690		0.007	4800	0.81	2.2	633		0.80	
730322		6.7	9.8	7.8	0.640		0.000	800	0.85	4.3	650		1.00	
730205		6.1	9.4	7.6	0.560		0.007	470	1.60	4.4	817		1.10	
730108		0.0	11.2	7.5	0.840		0.000	2500	2.20	5.4	1067		1.40	
721205		5.0	8.2	7.7	1.400		0.000	270	3.20	3.9	833		0.90	
721026		6.1	8.2	7.6	16.000		0.015	24000	9.80	0.7	983		2.00	
720927		23.3	6.7	7.2	0.710		0.013	10000	1.70	4.4	550	0.0	1.10	
720906		18.3	9.6	7.5	2.550		0.020	1400	1.63	1.2	1133	0.0	2.80	
720817		26.7	11.2	7.5	1.440		0.045	430	0.55	0.7	2833		3.20	30
720725		25.0	7.7	8.1	1.600		0.015	250	0.57	0.1	850	0.4	1.30	
720613		22.2	13.4	8.4	0.680		0.005	70	0.20	3.1	867		0.80	
720511		14.4	7.9	8.4	0.740		0.010	100	0.80	2.2	1317		1.60	30
720419		16.7	5.9	7.4	0.110		0.010	1900	0.30	3.0	395		0.70	
720320		9.4	8.7	7.7	0.230		0.000	110	0.70	6.0	783		1.10	60
720209		0.6	10.7	7.5	0.250		0.000	210	2.70	2.8	997		1.20	20

ATGX01 BLACK RUN DITCH
COUNTY ROAD BRIDGE 1 MILE SOUTHEAST OF MUDDY --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740702		0.0	0.000	0.3	0.08	0.0	0.3	45	80	0.22	0.12	0.1		
740411		0.0	0.000	2.5	0.18	0.0	0.3	42	110	0.16	0.12	0.0		
740129		0.0	0.000	3.5	0.24	0.0	0.2	26	87	0.03	0.01	0.0		
731022		0.0	0.000	2.0	0.30	0.0	0.5	78	140	0.01	0.01	0.0		
720927		0.0	0.000	2.0	0.28	0.0	0.3	40	110	0.10	0.02	0.0		
720817		0.1	0.000	2.0	0.64	0.0	0.2	750	130	0.09	0.02	0.0		
720511		0.0	0.000	1.7	0.33	0.0	0.2	200	170	0.02	0.02	0.0		
720209			0.000	2.8	0.50		0.4	83	170					

ATGX01 BLACK RUN DITCH
COUNTY ROAD BRIDGE 1 MILE SOUTHEAST OF MUDDY --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740702	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
740411	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740129	0.000	0.2	0.000	0.00	0.00			0.00	0.010					
731022	0.020	0.4	0.000	0.00	0.00			0.00	0.000					
720927	0.001	0.3	0.000	0.00	0.00			0.00	0.000					
720817	0.030	0.3	0.005	0.00	0.00	0.00		0.00	0.000					
720511			0.000	0.00	0.00				0.000					
720209							0.66							

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740917		18.9	8.9	3.9	0.000		0.000	0	0.55	0.1			0.10	
740813		25.0	1.9	3.2	0.040		0.010	0	3.20	12.0	3500	0.0	0.60	
740703		28.9	7.2	3.5	0.040		0.000	0	5.30	0.5	2833		0.30	
740620		25.0	7.0	3.9	0.050		0.005	0	1.10	0.3	1183		0.20	
740502		17.2	8.3	5.0	0.080		0.005	110	0.50	0.2	533	0.0	0.20	
740416		13.3	8.8	4.7	0.050		0.010	10	0.95	0.1	767		0.10	
740321		6.1	11.7	5.8	0.240		0.005	590	0.25	0.2	350		0.20	
740205		3.9	10.8	4.7	0.050		0.000	10	0.70	0.3	733	0.0	0.20	
740129		6.7	11.2	5.8	0.120		0.010	110	0.10	0.3	317		0.20	
731205		6.1	9.3	4.6	0.120		0.010	10	0.90	0.3	683		0.10	
731106		5.6	10.1	3.2	0.150		0.005	10	27.00	0.4	4100		0.20	
731010		21.1	9.5	2.8	0.530		0.005	10	30.00	0.1	12000		0.20	
730831		25.0	7.3	2.9	0.180		0.005	10	47.00	0.5	6667	0.6	0.20	
730718		24.4	6.2	3.2	0.020		0.000	10	35.00	0.4	6333		0.20	
730613		23.3	7.1	3.5	0.000		0.000	10	2.10	0.2	1383		0.20	
730501		15.6	7.4	4.3	0.100		0.000	10	2.70	0.3	1233	0.0	0.10	
730405		8.9	10.2	5.7	0.130		0.000	10	1.40	0.2	583		0.20	
730301		7.2	9.3	4.5	0.070		0.000	10	6.90	0.2	1633		0.20	
730207		4.4	10.6	4.7	0.070		0.000	10	2.90	0.2	750	0.2	0.10	
730123		3.9	11.2	5.3	0.140		0.000	20	0.15	0.0	317		0.20	
730108		0.0	12.7	4.8	0.070		0.000	10	1.80	0.2	633		0.30	
721024		11.7		3.3	0.050		0.011	2	39.00	1.0	5167	0.0	0.60	
720926		21.1	4.4	3.0	0.090		0.010	10	1.50	0.5	5667	0.5	0.50	
720912		22.8	1.3	3.3	0.010		0.005	10	22.00	0.5	3833	1.0	0.20	
720814		23.9	7.2	3.1	0.000		0.000	2	4.20	0.3	1667		0.20	10
720726		27.2	5.2	3.4	0.050		0.000	10	2.00	0.4	983	0.0	0.00	
720608		22.8	0.9	3.4	0.010		0.015	2	0.29	0.2	6167		0.10	
720509		15.0	7.0		0.000		0.000	10	18.00	0.1			0.20	85
720418		15.6	7.1	4.4	0.000		0.000	500	3.50	0.2	493		0.20	
720321		8.3	8.9	7.0	0.080		0.000	0	2.60	0.3	767		0.20	32
720215		6.1	11.4	5.8	0.010		0.000	10	2.55		778		0.50	45
711221		5.6	9.8	4.4	0.065	8		10	13.20	0.0				25
710713			8.4	3.0		8								25
710630		26.7	7.1	3.1		30				0.0			0.20	10
710526		16.7	7.9	4.4		23				0.0			0.40	150
710505			9.0	4.5		8				0.0				30
710414		12.2	9.9	4.5		2				0.2			0.10	30
710304		2.8	11.5	4.2		7				0.0			0.00	70
701208			10.0	3.3		8							0.00	25
700811			7.0	3.0		4				0.0			0.00	25
700715		26.1	5.6	3.1		8				0.0			0.10	25
700604		20.0	7.2	4.2		12				0.0			0.40	250
700506			7.9	3.7		8				0.0			0.00	55
700401		10.6	8.5	4.1		0				0.0			0.00	90
700226		2.8	11.8	4.8		3				0.0			0.40	50
700203			13.2	5.7		11				0.0			0.10	170
691210		3.9	10.6	4.3		8				0.0			0.00	50
691104			11.4	3.0		16				0.0				35
691022		12.8	9.2	3.5		8				0.0			0.00	25
690917		22.2	5.2	3.3		8	0.000	10		0.0			0.20	5
690812			8.7	3.2		8				0.0			0.10	25
690710		27.8	7.0	3.5		12				0.0			0.10	120
690605		22.2	7.8	2.9		5				0.0			0.00	40
690508			7.5	3.7		12				0.0			0.00	220
690417		18.9	8.0	4.1		8				0.2			0.00	60
690227		5.0	10.8	3.9		4								80
690204			10.9	4.2		12				0.2			0.00	140
681205		4.4	8.9	3.6		6								55
681028				2.8		16								25
681024		12.8	6.7	2.7		15								25
680912		17.2	7.8	3.0	0.033	3	0.000	10	0.60	0.2			0.10	10
680806			7.6	3.5		5				0.0			0.00	
680724		25.6	6.7	3.5		6				0.9			0.20	27
680612		25.6	7.0	3.5		4				0.2			0.10	10
680501		17.2	8.2			5				0.0			0.10	15
680313		1.7	8.6	4.3		6				0.7			0.10	230
680118		0.6	9.4	3.6		7				0.5			0.20	110
671130		4.4	10.5	4.5		6				0.0			0.30	350
671018		15.0	7.6	4.4		14				0.0			0.10	270
670907		20.0	7.4	3.3	0.196	7	0.000		10.00	0.0			0.20	200

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
670621		25.0	6.8	3.0									0.80	34
670518		16.7	8.7	4.8						9.0			0.10	65
670406		18.9	8.8	3.9									0.10	35
670202		7.8	10.5	4.8									0.10	450
661110		12.8	8.4	3.4									0.20	60
660929		16.1	5.3	3.4									0.10	60
660811		22.8	6.3	4.2									0.10	459
660616		22.2	6.0	3.1									0.00	150
660428		16.7	6.9	4.3									0.00	80
660316		10.0	9.5	4.2									0.30	100
660118		0.0	9.5	4.0									0.20	100
651110		11.1	4.0	3.3									0.00	
650824		22.2	7.3	3.0										7
650512		20.0	8.3	3.3										25
650302		8.3	9.6	4.7									0.20	80
650105		5.6	9.5	3.5									0.10	50
641006		11.1	7.5	2.7										2
640721		27.2	8.2	3.0									0.00	50
630722		25.6	6.6	3.2									0.00	15
630325		12.8	8.6	3.8									0.10	40
621015		22.2		2.7										100
620206		1.1	10.5	6.7									0.00	18
610612			3.4	6.8									0.10	45
610104		0.0		6.7									0.00	10
590706		21.1	7.9	4.3	0.000								0.00	6
580616			6.5	4.0					0.30	0.0				180
580318			7.6	6.3										45

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740813		0.0	0.000	18.0	30.00	0.4	1.4	8	1620	0.02	0.02	1.0		
740502		0.0	0.000	6.6	3.50	0.1	0.2	6	225	0.25	0.90	0.2		
740205		0.0	0.000	14.0	4.50	0.1	0.4	7	350	0.03	0.01	0.3		
730831		0.0	0.000	60.0	39.99	1.2	1.7	12	2600	0.05	0.00	3.0		
730718				26.0				14	3300					
730613									620				435	
730501		0.0	0.000	18.0	9.50	0.2	0.4	9	520	0.30	0.22	0.4		
730207			0.000	12.0	5.70		0.4	18	335	0.07	0.06	0.3		
721024		0.0	0.000	36.0	26.00	0.6	1.1	12	1900	0.65	0.05	1.5		
720912		0.1		56.0	34.30	1.0				0.77	0.05	1.8		
720814		0.0	0.000	24.0	13.00	0.3	0.6	7	900	1.12	0.58	1.1		
720726		0.0		9.9	8.80	0.3		5	450	0.37	0.11	0.6		
720608		0.0		42.0	39.99	1.1	2.0	15	2000	0.81	0.50	3.2		
720509		0.0	0.000	15.5	11.80	0.3	0.5	9	670	0.17	0.05	0.6		
720215			0.000	7.9	4.70		0.3	14	370					
710713				23.0	40.60			6	2300				1400	
710630								10	2433				1590	
710526				10.5										
710505				5.8	7.90			10	580				385	
710414				9.8										
710304				17.2	9.30			12	510				392	
701208				42.0	14.60			12	870				620	
700811				71.0	40.60			10	2600				1440	
700715				68.0	36.40			12	2500				1380	
700506				12.0	5.80			5	350				252	
700401				30.0	4.90			10	350				272	
700226				6.0										
691210				17.5	6.00			9	380				270	
691104				110.0	35.40			11	2000				1060	
691022				34.0	20.50			12	1200				790	
690917		0.0	0.000	78.0		0.9	3.4	135	450	0.20	0.00	3.0	720	
690812				96.0	37.00		0.0	15	2200		0.00		790	
690710				21.0	6.40		0.0	8	420		0.00		250	

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
690605				94.0	35.20				2100				1000	
690508				13.0	5.00									
690417				1.1	4.60									
690227				28.0	8.60			11	470				400	
690204				17.2	6.00			8	340				268	
681205				32.0	8.60			10	620				370	
681028				215.0	45.00			30	2600				1200	
681024				195.0	44.00			16	2600				1000	
680912		0.0	0.000	0.4	27.80	0.6	3.4	34	730	2.60	1.60	3.6	420	
680806				2.0				6	300				240	
680724				4.0				3	185				260	0
680612				3.5				70	250					
680313								110	231				300	
680118								70	539				580	
671130				125.0										
671018				22.5										
670907		1.5	0.010	92.5	42.50	1.3	2.4	140	600	0.90	2.10	3.2	172	
670621	5							200	1050				1020	
670518	0							9	66				184	110
670406	1							28	231				500	
670202								20	25				296	
661110	1							220	660				760	
660929	1							25	578				124	
660811	3							6	70				136	
660616								52	390				630	
660428	1							3	42				156	
660316	1							14	51				328	
660118								12	350				460	
651110								700	1225				1460	
650824								130	1385				1800	
650512								830	1075				960	
650302								22	200				232	
650105								310	360				410	
641006								1300	1400				1620	
640721								42	925				930	
630722				5.0				5	275				300	
630325								6	275				226	
621015								18	260				320	
620206	2							11	66				84	24
610612	4							6	26				31	46
610104	1							7					70	10
590706	1							11	487				310	
580616				0.3	2.50		0.9	6	370				289	
580318								24					188	6

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740917												490	56	
740813	0.000	0.4	0.060	0.00	0.00			0.00	0.000			2400	320	
740703												2880	270	
740620												980	140	
740502	0.001	0.0	0.010	0.00	0.00	0.00		0.00	0.000			340	54	
740416												560	130	
740321												230	28	
740205	0.000	0.1	0.020	0.00	0.00			0.00	0.000			580	130	
740129												220	16	
731205												510	90	
731106												4300	1100	
731010													3000	
730831	0.000	0.2	0.007	0.00	0.02			0.00	0.000				1500	
730718													1130	
730613													400	
730501	0.000	0.1	0.010	0.00	0.00			0.00	0.000					
730207			0.000	0.00	0.00									

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
721024	0.000	0.3	0.050	0.00	0.04			0.00	0.020					
720912			0.050	0.00	0.00	0.01			0.010				1000	360
720814	0.000	0.4	0.035	0.00	0.05	0.05		0.00	0.000				500	240
720726	0.000	0.2	0.010			0.00		0.00	0.000				210	120
720608			0.140	0.00	0.02				0.010				1200	450
720509			0.015	0.00	0.00				0.000				250	75
720215							3.00							
710713													1240	456
710526													48	28
710505													184	58
710414													96	40
710304													232	78
701208													450	192
700811													1790	644
700715													1520	568
700506													172	60
700401													180	66
700226													260	190
691210													160	48
691104													1340	610
691022													540	208
690917	0.000		0.050	0.00	0.05								1680	1010
690812			0.000										1700	736
690710			0.000										260	104
690605													1680	692
690508													118	14
690417													92	34
690227													212	126
690204													148	62
681205													288	140
681028													2600	1070
681024													2380	1130
680912	0.000		0.060	0.00	0.00								2800	1500
680806													156	80
680724													540	140
680612													540	280
680313													680	380
680118													980	420
671130													230	60
671018													156	44
670907	0.000		0.000	0.00	0.06								900	640
670621													820	
670406													520	
670202													120	

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740923		14.4	2.0	6.4	0.030		0.005	2100	0.04	0.0	350		0.10	
740820		23.3	2.6	7.5	0.690		0.010		0.77	0.8	233		0.00	
740716		23.3	2.1	7.3	0.120		0.005	10	0.32	0.0	317	0.0	0.50	
740620		22.2	6.7	7.1	0.210		0.005	1200	0.20	0.2	400		0.70	
740502		17.2	8.5	7.4	0.080		0.005	950	0.10	0.1	267		0.20	
740416		13.9	9.2	7.4	0.080		0.005	100	0.10	0.0	400	0.0	0.20	
740305		11.7	9.3	7.4	0.160		0.010	6000	0.30	0.3	367		0.20	
740205		3.3	11.9	7.5	0.050		0.000	90	0.35	0.3	350		0.20	
740129		6.7	11.3	7.0	0.090		0.005	640	0.85	0.2	233	0.3	0.10	
731204		12.2	7.9	7.4	0.060		0.000	310	0.00	0.2	383		0.10	
731106		5.6	7.1	7.1	0.650		0.005	130	0.10	0.0	640		0.10	
731022		11.7	6.5	7.0	0.260		0.005	840	0.13	0.3		0.2	0.10	
731003		18.9	3.9	7.1	0.140		0.010	300	0.15	0.0	433		0.10	
730829		25.6	4.2	6.6	0.300		0.000	150	0.20	0.0	300		0.00	
730705		24.4	5.2	7.7	0.120		0.005	1400	0.15	0.1	383		0.30	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
730619		25.0	6.2	7.5	0.260		0.005	6000	0.45	0.3	267		1.10	
730507		15.6	8.6	7.6	0.060		0.000	380	0.33	0.3	350		0.30	
730410		3.9	9.8	7.4	0.100		0.008	1700	0.44	0.2	250		0.20	
730322		7.2	9.7	7.5	0.060		0.007	100	0.25	0.2	233		0.20	
730205		6.7	11.2	7.5	0.140		0.000	60	0.16	0.2	333		0.20	
730108		1.7	12.9	7.5	0.030		0.000	70	0.05	0.2	383		0.30	
721205		4.4	10.0	7.6	0.200		0.000	200	0.24	0.2	567		0.20	
721026		7.2	6.9	6.9	0.011		0.007	20	0.24	0.0	817	0.0	0.30	
720928		21.1	4.4	7.5	0.110		0.007	6000	0.41	0.3	1067	0.0	0.30	
720906		16.7	5.9	7.6	0.090		0.005	330	0.20	0.1	450	0.0	0.60	
720817		23.9	0.3	3.0	1.800		0.010	10	1.18	0.0	7333	0.0	0.40	
720725		23.9	3.1	7.0	0.140		0.070	73000	0.31	0.2	217		0.20	400
720718		24.4	3.9	6.8	0.010		0.000	10	0.15	0.1	833		0.30	
720706		17.2	5.5	6.9	0.020		0.000	270	0.10	0.0	800		0.20	
720614		21.7	3.7	8.1	0.040		0.010	270	0.20	0.0	433		0.10	40
720508		17.8	7.1	7.5	0.030		0.000	70	0.11	0.2	383		0.20	
720420		16.7	7.0	7.3	0.020		0.015	6400	0.20	0.2	237		0.20	95
720321		8.9	9.0	7.1	0.080		0.000	70	0.20	0.3	300		0.40	32
720215		6.7	12.1	6.8	0.030		0.000	60	0.10		10		0.00	20
711221		5.6	10.1	6.9	0.000	15		200	0.40	0.0				25
710714			4.5	8.1		22				0.0			0.10	550
710526				6.8				38000						
710505			7.8	6.3		19				0.0			0.00	45
710112		3.3	0.8	6.2		8				0.0			0.00	25
700812		15.6	7.2	6.2		4				0.0			0.00	100
700506			7.6	6.9		7				0.0			0.00	65
700204			13.2	6.4		17				0.0			0.10	30
691105			6.8	7.0		27				0.0			0.10	25
690813			6.4	7.3		26				0.0			0.10	25
690508			7.7	7.2		10				0.0			0.20	25
690204			11.9	7.3		11				0.2			0.00	35
681028			6.5	5.6		18				0.5			0.10	25
680806			6.2	5.9		11				0.2			0.10	70

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740716		0.0	0.000	3.0	2.50	0.0	0.2	5	45	0.41	18.20	0.1		
740416		0.0	0.000	1.7	0.45	0.0	0.1	6	130	0.50	0.72	0.1		
740129		0.0	0.000	0.1	0.26	0.0	0.1	5	68	0.00	0.01	0.0		
731022		0.0	0.000	16.0	0.40	0.0	0.0	7	105	0.02	0.01	0.1		
720928		0.1	0.000	1.5	1.18	0.0	0.2	9	460	0.05	0.00	0.0		
720906		0.1	0.000	2.1	0.90	0.0	0.2	7	180	0.20	0.01	0.0		
720817		0.1		350.0	36.00	2.6		6	3700	1.85	0.35	6.6		
720725		0.0	0.000	11.0	1.05	0.0	0.2	6	80	0.22	0.25	0.1		
720614		0.0	0.000	2.0	1.10	0.0	0.2	8	100	0.10	0.04	0.0		
720420		0.0	0.000	3.1	0.15	0.0	0.1	5	72	0.07	0.10	0.0		
720321			0.000				0.1	16		0.05				
700812								8	400				380	38
691105								13	470				480	86
690813				0.0			0.0				0.00			

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740716	0.000	0.3	0.000	0.00	0.00			0.00	0.000					
740416	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
740129	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
731022	0.000	0.0	0.000	0.00	0.03			0.00	0.000					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	PLANKTON (NO/ML)	OIL (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
720928	0.000	0.2	0.000	0.00	0.00			0.00	0.000					
720906	0.000	0.3	0.000	0.00	0.00			0.00	0.000					
720817	0.000	0.2				0.13		0.00	0.020				3200	2000
720725	0.000	0.2	0.000	0.00	0.00	0.00		0.00	0.000					
720614			0.000	0.00	0.00				0.000					
720420			0.000	0.00	0.00				0.000					
700812													0	
690813			0.000											

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	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740917	53	19.4	8.5	4.2	0.000		0.000	0	0.60	0.2			0.10	
740822	7.8	30.0	2.0	3.5	0.030		0.010	0	3.00	0.7			0.00	
740716	6.5	27.2	2.1	3.3	0.050		0.005	0	4.00	0.6	3333	0.0	0.10	
740620	20	25.0	6.7	3.6	0.120		0.005	0	2.20	0.5	1833		0.20	
740502	259	17.2	7.9	4.9	0.100		0.010	50	0.80	0.2	633		0.10	
740416	73	12.8	8.2	4.6	0.050		0.000	10	1.70	0.1	917	0.0	0.10	
740305	189	13.3	8.4	4.6	0.140		0.000	10	0.70	0.3	717		0.10	
740205	73	2.8	10.6	4.7	0.080		0.000	10	0.80	0.4	750		1.10	
740129	611	6.7	11.0	6.0	0.100		0.010	150	0.20	0.3	333	0.4	0.10	
731204	121	11.7	7.7	4.7	0.060		0.005	10	2.10	0.5	917		0.10	
731106	2.2	5.6	10.3	3.3	0.110		0.005	10	9.00	0.2	2800		0.10	
731022	2.6	12.8	10.2	3.0	0.380		0.005	10	20.00	0.7		0.0	0.20	
731003	7.6	21.1	10.4	2.9	1.000		0.000	10	45.00	0.2	9500		0.10	
730831	19	26.1	4.2	3.0	0.060		0.005	10	5.50	0.0	4000		0.10	
730705	6.0	25.0	4.7	3.7	0.040		0.010	10	25.00	0.2	4333		0.20	
730619	89	25.0	6.5	3.6	0.000		0.000	10	19.00	0.2	1650		0.30	
730507	279	15.6	7.3	4.6	0.120		0.000	10	3.80	0.3	1033		0.30	
730410	548	6.7	10.4	6.4	0.110		0.007	570	0.88	0.2	400		0.30	
730322	423	7.2	10.0	6.0	0.120		0.000	100	1.00	0.2	500		0.20	
730205	144	6.1	10.5	4.9	0.090		0.000	10	2.50	0.3	700		0.10	
730108	126	3.0	12.7	4.8	0.090		0.000	10	2.10	0.2	667		0.30	
721205	29	4.4	9.7	3.8	0.040		0.000	10	10.00	0.4	1500		0.20	
721026	4.9	7.2	7.8	3.7	0.050		0.000	10	63.00	0.6	5167		0.40	
720928	10	22.2	6.4	3.2	0.080		0.007	10	35.00	1.2	4667	0.0	0.40	
720906	2.4	17.8	7.8	3.3	0.600		0.005	10	32.00	0.4	3500	0.0	0.30	
720817	8.1	27.2	7.2	3.6	0.020		0.005	10	27.00	1.2	3000	0.0	0.50	
720725	103	23.9	5.1	3.3	0.000		0.010	30	1.90	0.5	1117		0.30	600
720718	6.7	26.1	6.8	3.8	0.000		0.000	10	22.00	0.1	5833		0.20	
720706	4.7	18.3	6.1	3.1	0.100		0.000	10	0.23	0.0	7667		0.20	
720614	5.1	25.0	7.4	3.2	0.040			10	8.20	0.2	7667			
720509	42	10.6	7.4	4.1	0.000		0.000	10	21.00	0.2	1433		0.20	
720420	730	16.7	6.9	4.4	0.000		0.000	600	3.90	0.3	722		0.20	60
720321	122	8.3	8.7	7.2	0.510		0.000	0	4.00	0.3	817		0.20	44
720215	121	7.2	11.3	5.6	0.000		0.000	10	3.70		813		0.00	50
711221	28	5.6	7.4	4.1	0.000	10		1000	12.50	0.2				35
710714	133		5.2	3.3		19							0.00	550
710630	9.6	28.9	7.5	3.0		19				0.0			0.30	14
710526	459	17.2	7.6	6.9		21				0.0			0.30	120
710505	33		7.4	4.4		11				0.0				45
710414	77	13.3	8.6	4.4		27				0.0			0.10	30
710304	114	2.8	10.8	4.1		9				0.0			0.00	85
701208	13		5.2	3.3		12							0.10	25
701015	28	15.0	1.1	3.1		19				0.0			0.60	35
700812	6.7		6.0	3.1		7				0.0			0.00	25
700604	964	20.0	7.0	3.8		8				0.0			0.30	190
700506	127		6.5	3.5		5				0.0			0.00	100
700401	220	10.6	8.4	4.2		6				0.0			0.00	70
700226	131	2.8	11.3	4.9		2				0.0			0.40	45
700204	431		12.8	5.3		8				0.0			0.00	60
691210	72	3.9	8.8	4.3		13				0.0			0.00	50
691105	12		5.2	3.0		16				0.0				100

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
691022	5.9	12.8	9.4	3.3		16				0.0			0.00	25
690917	2.6	22.8	7.9	3.2	0.196	8	0.000	10		0.0			0.10	5
690813	3.7		12.2	3.1		10				0.0			0.10	25
690710	134	27.8	6.1	3.5		13				0.0			0.10	140
690605	20	22.8	8.7	2.9		8				0.0			0.10	60
690508	102		5.3	3.2		9				0.0			0.20	35
690417	216	19.4	7.2	4.0		10				0.2			0.00	100
690227	73	4.4	8.9	3.9		8								100
690204	455		10.2	4.0		4				0.2			0.00	90
681205	84	4.4	7.9	3.9		7								80
681028	2.3			2.9		12								25
681024	2.3	12.8	2.2	2.7		19								95
680912	3.3	17.2	9.2	3.0	0.033	3	0.000	10	0.20	0.2			0.10	50
680806	50		6.9	3.5		4				0.0			0.10	25
680724	38	25.6	6.1	3.7		5				0.7			0.20	58
680612	22	25.0	7.3	3.3		6				0.2				20
680501	32	17.2	6.3	3.6		5				0.2			0.20	25
680313	158	2.8	9.0	4.6		7				0.2			0.10	250
680118	46	0.6	9.9	3.5		4				0.9			0.10	150
671130	622	4.4	7.2	4.2		5				0.0			0.10	450
671018	256	14.4	7.0	4.0		15				0.0			0.10	220
670907	2.5	21.1	7.7	3.5	0.098	7	0.000		1.50	0.0			0.20	20
670621	50	25.6	7.5	3.1									0.20	1
670518	164	18.3	8.3	4.8						8.6			0.10	75
670406	30	18.9	6.7	3.7									0.10	55
670202	197	7.2	9.0	3.6									0.10	400
661110	3.9	12.2	10.2	3.4									0.10	35
660929	2.2	16.1	8.8	3.3									0.10	20
660811	1.7	23.9		2.8									0.10	28
660616	13	22.2	6.0	3.0									0.00	80
660428	2660	16.7	7.0	4.3									0.00	75
660316	152	11.1	8.4	3.8									0.20	170
660118	26	0.6	5.7	3.9									0.20	100
651110	4.9	11.1	3.2	3.2									0.00	
650824		22.8	7.4	3.0										45
650512		21.1	4.7	3.3										20
650302		7.8	8.5	4.4									0.20	110
650105		5.6	2.8	3.4									0.10	70
641006		13.3	4.5	2.7										6
640820		29.4		3.3									0.10	5
640812				2.8									0.10	2
640721		27.8	5.4	3.3									0.00	75
630722		25.6	6.0	3.4									0.10	11
630325		12.8	7.8	3.7									0.10	70

ATH 05 SOUTH FORK SALINE RIVER
US 45 BRIDGE NORTHEAST OF STONEFORT —CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740716		0.0	0.000	37.0	38.00	0.8	1.8	8	235	1.90	0.60	2.2		
740416		0.0	0.000	19.3	9.00	0.2	0.5	7	510	0.38	1.00	0.6		
740129		0.0	0.000	5.9	1.27	0.0	0.1	4	64	0.03	0.01	0.0		
731022		0.0		200.0	39.99	1.4	5.3	11	2700	0.20	0.01	4.3		
730831								6	1900					
730705				35.0				11	2300					
730619									690				530	
720928		0.1	0.000	26.0	28.00	0.7	1.0	12	2200	1.00	0.28	1.5		
720906		0.0		9.5	35.00	1.0		11	1600	1.05	0.04	1.6		
720817		0.1		0.5	20.00	0.4		9	1200	0.70	0.02	0.7		
720725		0.0	0.000	85.0	9.00	0.3	0.5	4	450	0.50	0.36	0.8		
720718		0.0		61.0	39.99	1.3		13	2200	1.60	0.12	3.2		
720706		0.0		103.0	39.99	1.9		20	3500		0.06	3.7		
720614		0.0		23.0	39.99	1.3	1.2	2300		0.89	0.03	3.2		130
720420		0.0	0.000	5.5	6.60	0.2	0.4	9	420		0.40	0.4		
720215								12	450					
710714				78.0	18.20			6	1200				620	

ATH 05 SOUTH FORK SALINE RIVER
US 45 BRIDGE NORTHEAST OF STONEFORT —CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
710630								9	2500				1680	
710505				18.5	12.60			12	840				570	
710414				16.5										
710304				20.6	9.10			12	510				390	
701208				68.0	18.70			11	1200				670	
701015				300.0				50	1900				1140	
700812				62.0	30.50			10	2000				1240	
700506				17.0	6.30			5	400				252	
700401				27.0	4.90			9	350				268	
700226				8.7										
691210				27.5	7.30			9	450				304	
691105				152.0	37.40			10	2200				960	
691022				58.0	26.20			9	1500				1010	
690917		0.0	0.000	84.0		1.0	3.8	14	600	0.20	0.00	3.2	710	
690813				138.0	41.00		0.0	14	2600		0.00		900	
690710				27.0	6.20		0.0	8	420		0.00		250	
690605				138.0	38.50				2200				1000	
690508				49.0	14.60			9	960				580	
690417				1.6	5.40									
690227				40.0	9.00			11	400				410	
690204				19.0	8.00			8	330				308	
681205				34.0	7.40			9	580				370	
681028				255.0	48.00			30	2800				1100	
681024				299.9	73.00			35	4700				1200	
680912		0.0	0.000	0.3	29.00	0.8	4.2	25	825	1.80	0.50	1.9	440	
680806				3.0										
680724				4.5										
680612				3.0			0.1	50	225					
680501								13	216				370	
680313								160	193				360	
680118								50	462				440	
671130				100.0				30	200				360	
671018				17.5										
670907		1.6	0.020	4.2	11.30	0.5	0.7	30	262	1.10	0.90	1.8	110	
670621	5							42	340				420	
670518	1							8	63				168	122
670406	1							20	224				320	
670202								25	105				580	
661110	0							190	708				800	
660929	0							35	6				440	
660811	3							70	500				600	
660616								40	660				630	
660428	1							3	31				114	
660316	1							16	45				296	
660118								11	495				500	
651110								600	1650				1560	
650824								100	1875				1500	35
650512								970	1075				740	
650302								20	246				260	
650105								430	480				510	
641006								1250	1200				1440	
640820									1900					0
640812									1050				750	0
640721								28	693				490	
630722				4.0				6	200				204	
630325								7	225				204	

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740917												490	52	
740820												2780		
740716	0.000	0.3	0.080	0.00	0.00			0.00	0.000			3050	700	
740620												1510	200	
740416	0.000	0.1	0.010	0.00	0.00			0.00	0.000			880	170	

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740305												590	130	
740205												580	135	
740129	0.000	0.1	0.000	0.00	0.00			0.00	0.050			230	12	
731204												750	160	
731106												2700	1000	
731022	0.000	0.2	0.110	0.00	0.10			0.00	0.000			4100	3999	
731003													2700	
730831													1700	
730705													440	
730619													430	
721026													700	190
720928	0.010	0.5	0.060	0.00	0.03			0.00	0.020					
720906	0.000		0.050	0.00	0.00			0.00	0.000				800	300
720817	0.000	0.2	0.045			0.00		0.00	0.000				480	140
720725	0.007	0.2	0.020	0.00	0.05	0.05		0.00	0.000					
720718			0.120			0.05			0.010				850	760
720706			0.200			0.10			0.000					
720614			0.160			0.00			0.000				0	460
720420			0.000	0.00	0.00				0.000					
710714													740	350
710505													360	124
710414													168	86
710304													268	92
701208													760	356
701015													3080	1740
700812													1150	524
700506													212	84
700401													176	64
700226													260	190
691210													240	88
691105													1660	750
691022													840	328
690917	0.000		0.050	0.00	0.08								1320	700
690813			0.000										2340	1120
690710			0.000										270	116
690605													2060	890
690508													610	244
690417													124	42
690227													364	172
690204													216	84
681205													280	130
681028													3100	1370
681024													2999	2180
680912	0.000		0.070	0.00	0.08								2999	1700
680806													158	86
680724													460	200
680612													680	360
680501													680	200
680313													420	160
680118													840	340
671130													510	220
671018													172	56
670907	0.000		0.000	0.00	0.00								540	280
670621											800		560	
670406													600	
670202													650	

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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		18.3	2.5	7.4	0.090		0.010	380	0.07	0.4	133		0.20	
740813		23.9	1.9	5.8	0.150		0.010	350	0.11	2.8	133	0.0	0.20	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740716		23.9	1.3	6.8	0.120		0.015	11000	0.30	0.0	183		0.10	
740620		22.2	8.0	6.6	0.080		0.005	320	0.10	0.1	150		0.50	
740502		16.1	9.3	6.8	0.020		0.010	260	0.05	0.2	117	0.0	0.10	
740416		12.2	10.9	6.4	0.020		0.000	30	0.05	0.0	125		0.10	
740305		13.3	10.7	6.7	0.040		0.000	100	0.10	0.1	133		0.10	
740205		3.3	12.5	6.6	0.020		0.005	10	0.10	0.6	133	0.4	0.30	
740129		6.1	11.5	6.5	0.030		0.005	150	0.00	0.1	100		0.10	
731204		11.1	10.2	7.0	0.020		0.005	290	0.00	0.4	150		0.10	
731106		5.6	4.8	7.3	0.190		0.015	50	0.15	0.0	200	0.2	0.20	
731003		21.1	3.1	7.3	0.120		0.012	100	0.25	0.0	200		0.50	
730831		23.0	3.8	7.1	0.160		0.000	60	0.40	0.0	167		0.20	
730705		25.6	6.0	6.8	0.040		0.005	10	0.15	0.0	158		0.20	
730619		25.0	6.8	7.1	0.060		0.000	850	0.30	0.0	350		0.30	
730507		14.4	9.2	7.1	0.500		0.000	160	0.27	0.3	125		0.20	
730410		5.6	11.7	7.1	0.080		0.000	630	0.26	0.0	108		0.10	
730322		6.7	11.2	6.9	0.010		0.000	50	0.21	0.2	108		0.20	
730205		6.7	11.9	6.9	0.020		0.000	10	0.15	0.2	125		0.10	
730108		0.0	14.2	6.9	0.020		0.000	20	0.15	0.2	1317		0.20	
721205		4.4	11.4	7.1	0.030		0.000	450	0.23	0.1	1667		0.20	
721026		5.6	3.2	7.1	0.190		0.014	10	0.40	0.0	217	0.0	0.50	
720928		20.6	2.9	6.4	0.180		0.009	10	0.35	0.0	200		0.30	
720906		15.6	4.6	6.6	0.060		0.000	40	0.30	0.0	183	0.0	0.40	
720817		23.9	4.9	6.5	0.040		0.010	110	0.29	0.0	143	0.0	0.40	
720725		22.8	3.5	7.3	0.030		0.000	60	0.16	0.1	163	0.0	0.20	
720718		24.4	5.6	5.6	0.080		0.000	160	0.08	0.1	163		0.20	
720706		17.2	6.2	6.6	0.030		0.000	30	0.20	0.2	150		0.20	
720614		22.2	5.9	7.3	0.030		0.000	2	0.65	0.0	200		0.02	5
720509		14.4	8.5	7.1	0.020		0.000	20	0.20	0.0	143		0.20	
720420		16.7	7.6	6.6	0.010		0.010	800	0.23	0.2	103		0.20	
720223		5.0	12.6	7.4	0.030		0.000	30	0.20	0.2	193		0.00	20

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740813		0.0	0.000	1.6	0.35	0.0	0.1	5	15	0.00	0.03	0.0		
740502		0.0	0.000	0.6	0.10	0.0	0.0	3	30	0.23	1.34	0.1		
740205		0.0	0.000	0.5	0.25	0.0	0.0	3	37	0.03	0.02	0.1		
731106		0.0	0.000	1.6	0.62	0.0	0.6	7	17	0.18	0.02	0.0		
721026		0.0	0.000	1.4	1.95	0.0	0.2	8	25	0.12	0.02			
720614		0.0	0.000	0.7	0.64	0.0	0.1	6	38	0.26	0.05	0.2		
720223			0.005	1.1	0.22			7	55					

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740813	0.000	0.2	0.000	0.00	0.00			0.00	0.000			110	18	
740502	0.001	0.0	0.000	0.00	0.00	0.00		0.00	0.000					
740416												48	26	
740205	0.000	0.1	0.040	0.00	0.00			0.00	0.000					
731106	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
721026	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
720614			0.030	0.00	0.00				0.000					
720223							0.34							

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC CONE UMHOS	MERCURY (UG/L)	BBAS (MG/L)	TURBID-ITY UNITS
740923		14.4	0.5	3.5	0.400		0.005	0	0.01	4.7		0.0	0.30	
740820		26.7	0.7	3.2	0.650		0.030	0	1.20	0.1			0.10	
740620		24.4	1.9	3.3	0.320		0.005	0	0.70	2.0	1133	0.0	0.40	
740502		16.7	7.1	4.3	0.180		0.010	10	0.20	0.1	467		0.20	
740416		13.9	5.0	4.3	0.300		0.005	10	0.30	0.0	733		0.10	
740305		12.8	6.4	4.5	0.210		0.000	10	0.30	0.2	567	0.2	0.10	
740205		3.3	6.3	4.4	0.260		0.000	10	0.35	0.3	767		0.10	
740129		6.1	11.0	4.5	0.080		0.005	10	0.10	0.2	350		0.10	
731204		11.1	2.9	3.7	0.680		0.005	10	4.50	0.4	1133	0.0	0.10	
731106		5.6	0.4	2.7			0.015	10	6.00	0.0	12800		0.10	
731022		12.8	7.6	2.8	1.000		0.025	10	3.00	0.0			0.30	
731003		18.3	6.0	2.8	13.800		0.012	10	5.00	0.0	44000		0.40	
730829		28.9	0.3	2.8			0.010	10	3.00	0.0	47333		0.20	
730705		24.4	0.6	3.2	0.160		0.010	10	0.35	0.1	1617		0.20	
730619		25.6	0.4	3.5	0.520		0.000	100	0.65	0.2	1667		0.30	
730507		14.4	2.9	3.7	0.460		0.000	10	0.53	0.3	1100		0.20	
730410		6.1	9.6	4.7	0.160		0.008	10	0.39	0.2	317		0.10	
730322		6.7	8.8	4.5	0.180		0.000	100	0.34	0.3	450		0.20	
730205		5.0	7.6	4.4	0.360		0.000	10	0.38	0.4	700		0.20	
730108			8.3	4.3	0.360		0.000	10	0.25	0.3	733		0.20	
721205		4.4	0.6	3.9	1.000		0.000	10	0.55	0.3	1550		0.20	
721026		3.9	0.0	3.0	12.000		0.035	10	5.00	0.0	33333		0.70	
720928		20.6	1.2	3.0	1.600		0.019	10	3.10	0.0	16167		0.30	
720906		17.2	0.0	2.9	1.240		0.025	2	3.60	0.0	30000	0.0	0.60	
720817		23.9	4.1	6.4	0.290		0.005	700	0.50	0.2	158		0.60	200
720725		22.8	2.5	4.4	0.320		0.010	920	0.26	0.5	300	0.0	0.20	
720718		28.3	0.8	3.7	1.500		0.010	10	1.80	0.1			0.40	
720706		16.1	2.3	3.2	1.700		0.010	10	0.17	0.0	13333			
720538		17.8	1.1	3.8	0.100		0.010	10	0.35	0.1			0.20	75
720420		16.7	7.2	7.0	0.020		0.010	3400	1.90	0.2	297		0.10	
720321		8.3	9.2	7.5	0.010		0.000	40	0.20	0.2	317		0.20	14
720215		6.1	9.5	4.8	0.000		0.000	10	0.40		563		0.00	35
710714			1.4	3.3		32							0.00	120
710505			1.3	4.4		20				0.0				75
710112		1.1	2.6	3.8		15				0.0			0.00	30
700812				3.1		210								25
700506			1.8	3.1		4				0.0			0.00	150
700204			10.0	4.6		12				0.0			0.10	40
691105			1.3	3.3		52				0.0			0.00	110
690813			1.5	3.1		138				0.0			0.00	25
690508			0.0	3.5		19				0.0			0.10	140
690204			5.2	3.8		15							0.00	160
681028				2.7		402								25

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740923		0.0	0.000	110.0	17.00	0.5	2.2	5	1200	0.10				
740620		0.0	0.000	50.0	8.50	0.3	0.9	6	290	0.19	0.01	0.9		
740305		0.0	0.000	22.0	3.70	0.1	0.5	6	260	0.20	1.00	0.3		
731204		0.0	0.000	82.0	11.00	0.4	1.4	5	640	0.08	0.01	1.1		
730829								7	1200					
730705				65.0				6	840					
730619									840				240	
720928		0.0		850.0		5.5		7	9500	2.00	0.84	13.0		
720906		0.0	0.000	1200.0	19.00	2.6	0.1	8	13000	3.90	0.02	22.0		
720817		0.1	0.000	11.0	0.74	0.0	0.1	6	42	0.10	0.05	0.1		
720718		0.0		720.0		5.0		5	7300	2.70	0.08	14.0		
720706		0.0		620.0		4.4		8	6200		0.18	6.2		
720538		0.0	0.000	59.0	9.60	0.4	0.7	6	740	0.40	0.16	1.3		
720215			0.000	8.9	3.20		0.4	10	310					
710714				124.0	22.60			7	1300				480	
710505				66.5	8.50			9					260	

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
710112				85.2	10.40			14	800				220	
700812				300.0	99.90			15	13000				1900	
700506				51.0	7.70			5	540				212	
691105				28.0	40.60			6	2700				600	
690813				299.9	99.90		0.0	12	9500		0.00		2750	
690508				95.0	12.00			8	860				280	
690204				60.0	7.70			6	390				220	
681028				299.0	99.90			15	19000				2999	

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740923		0.1	0.060	0.00	0.00							1670	840	
740820												7860	3800	
740620	0.000	0.2	0.060	0.00	0.00			0.00	0.000			900	470	
740416												590	280	
740305	0.000	0.0	0.001	0.00	0.00			0.00	0.000			500	150	
740205												700	300	
740129												250	85	
731204	0.000	0.0	0.035	0.00	0.04			0.00	0.000			1060	500	
731106												22600	3999	
731022												10000	3400	
731003													3999	
730829													999	
730705													620	
730619													930	
721026													3999	3999
720928		0.2	0.320			0.23			0.060					
720906	0.000	0.5	0.690	0.00	0.30			0.00	0.035					
720817	0.000	0.2	0.000	0.00	0.00	0.00		0.00	0.000					
720718			0.460			0.23			0.020				3999	3999
720706			0.420			0.22			0.010					
720508			0.072	0.00	0.02				0.000				510	290
720215							8.90							
710714													1160	650
710505													470	240
710112													600	250
700812													3000	6300
700506													470	268
691105													2660	1230
690813			0.000										2999	4700
690508													810	352
690204													510	276
681028													2999	9990

ATZM01 CYPRESS DITCH
ROUTE 13 AT JUNCTION NEAR MOUTH
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740904		17.2	1.1	7.6	0.310		0.010	90	0.17	0.2	650		0.60	
740801		20.6	0.8	7.5	0.320		0.005	350	0.12	0.2	783		0.10	
740702		25.6	7.9	5.5	0.180		0.005	560	0.20	0.1	800	0.0	0.30	
740624		26.1	7.8	7.8	0.180		0.005	410	0.20	0.5	900		0.30	
740520		23.3	5.2	7.6	0.260		0.005	460	0.25	1.2	600		0.30	
740418		13.9	8.4	8.2	0.210		0.005	100	0.20	0.5	833	0.0	0.20	
740319		8.9	8.7	7.9	0.140		0.010	330	0.25	1.3	650		0.20	
740204		6.7	8.0	7.8	0.090		0.000	50	0.15	1.3	717		0.40	
740117		2.8	10.0	7.5	0.220		0.010	190	0.10	1.7	417	0.0	0.20	

ATZH01 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
731205		6.1	7.1	8.2	0.100		0.010	380	0.15	0.9	733		0.20	
731105		8.9	8.6	7.9	0.180		0.005	270	0.10	0.0	780	0.2	0.20	
730924		17.2	7.6	7.9	0.100		0.005	260	0.10	0.1	800		0.20	
730829		25.6	5.5	8.0	0.180		0.000	70	0.25	0.0	700		0.20	
730723		27.2	6.5	7.9	0.160		0.010	520	0.15	0.3	750		0.30	
730619		26.1	5.5	7.9	0.480		0.010	1000	0.40	1.5	450		0.60	
730516		13.3	7.1	7.9	0.150		0.007	240	0.24	0.8	717		0.40	
730412		10.0	9.6	8.1	0.110		0.007	130	0.30	1.0	633		0.40	
730326		11.1	7.0	7.8	0.130		0.000	320	0.35	1.5	583		0.50	
730208		2.8	11.5	7.8	0.240		0.008	400	0.14	1.4	550		0.40	
730124		3.3	9.9	7.8	0.200		0.008	140	0.20	1.8	458		0.30	
721227		2.8	8.3	7.6	0.110		0.000	230	0.25	1.8	683		0.70	
721025		11.1	2.5	7.7	0.170		0.007	40	0.24	0.0	850		0.40	
720927		20.0	2.2	7.8	0.130		0.009	750	0.16	0.0	633	0.0	0.30	
720912		22.8	3.2	7.8	0.100		0.005	160	0.15	0.1	700	0.0	0.30	
720808		18.9	2.9	7.8	0.190		0.005	160	0.20	0.1	733	0.0	0.30	
720726		22.8	2.5	7.8	0.080		0.000	240	0.15	1.7	767	0.0	0.10	
720718		23.9	2.9	7.6	0.090		0.015	390	0.08	0.2	683		0.40	
720706		20.0	5.8	8.1	0.070		0.005	260	0.30	0.6	633		0.40	
720612		18.3	4.2	7.9	0.050		0.005	270	0.15	0.2	867		0.20	30
720510		13.9	5.9	8.4	0.070		0.000	80	0.40	0.4	700		0.40	
720418		16.1	4.0	7.4	0.250		0.010	700	0.45	0.9	210		0.30	
720316		7.2	8.0	7.1	0.240		0.020	2300	0.80	1.4	137		0.40	650
720208		2.2	13.6	7.4	0.110		0.000	30	0.30	0.4	738		0.30	10
711220		8.3	8.4	8.0	0.033	10		40	0.30	0.0				25
710712			4.7	7.7		10				0.0			0.00	25
710504			8.3	8.2		17				0.0			0.00	45
701116			10.0	7.7		11				0.0			0.00	25
700811			6.0	7.7		32				0.0			0.00	35
700505			6.0	7.3		27				0.0			0.10	25
700202			9.0	7.6		23				0.5			0.00	370
691104			9.5	7.8		18				0.0			0.00	25
690812			9.0	8.0		4				0.0			0.10	25
690504				8.0		14				0.2			0.10	35
681028			6.8	7.3		10				0.0			0.10	25
680806			12.8	7.7		8				0.0			0.10	25

ATZH01 CYPRESS DITCH
ROUTE 13 AT JUNCTION NEAR MOUTH --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	COPPER (MG/L)	LEAD (MG/L)	ZINC (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740702		0.0	0.000	1.6	0.42	0.0	0.2	45	45	0.25	0.15	0.1		
740418		0.0	0.000	2.0	0.31	0.0	0.2	70	83	0.42	0.30	0.0		
740117		0.0	0.000	2.2	0.15	0.0	0.2	27	47	0.07	0.01	0.0		
731105		0.0	0.000	1.8	0.40	0.0	0.2	32	50	0.15	0.11	0.0		
720927		0.1	0.000	0.5	0.52	0.0	0.2	23	32	0.25	0.02	0.0		
720612		0.0	0.000	1.8	0.51	0.0	0.2	44	50	0.06	0.04	0.0		
720208			0.004	0.9	0.50		0.2	45	45					
710712								43	20				340	316
701116								46	40				400	336
690812				0.0			0.0				0.00			
690504								57	15				332	264
681028								27	10				356	338

ATZH01 CYPRESS DITCH
ROUTE 13 AT JUNCTION NEAR MOUTH --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740702	0.000	0.1	0.000	0.00	0.00			0.00	0.000					
740418	0.000	0.0	0.000	0.00	0.00			0.00	0.000					

ATZM01 CYPRESS DITCH
ROUTE 13 AT JUNCTION NEAR MOUTH --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740117	0.000	0.0	0.000	0.00	0.00			0.00	0.000					
731105	0.010	0.1	0.000	0.00	0.00			0.00	0.000					
720927	0.003	0.2	0.000	0.00	0.00			0.00	0.000					
720612			0.000	0.00	0.00				0.000					
720208							0.24							
690812			0.000											

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/-1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740925	13200	14.4	9.0	7.8	0.060		0.005	100	0.10	1.5	450		0.40	
740822	8930	27.2	3.5	8.4	0.310		0.000	390	0.05	0.9	483	0.2	0.10	
740709	22800	26.7	6.5	7.6	0.160		0.005	360	0.10	3.8	617		0.40	
740617	33700	21.1	7.2	7.8	0.380		0.000	1600	0.10	3.4	567		0.70	
740516	41200	18.9	7.5	7.9	0.400		0.005	2000	0.05	4.2	517	0.0	0.60	
740422	47900	14.4	10.1	8.0	0.180		0.005	240	0.10	3.5	533		0.50	
740326	47400	6.7	11.0	8.1	0.160		0.000	390	0.15	4.0	567		0.50	
740221	48900	5.6	11.1	7.9	0.280		0.005	1500	0.35	3.2	467	0.3	0.30	
740123	83000	6.7	11.0	7.7	0.360		0.010	900	0.30	3.0	333		0.30	
731218	19500	1.7	12.3	8.2	0.180		0.005	1200	0.18	4.0	633		0.50	
731114	7540	12.8	12.0	8.3	0.200		0.005	370	0.00	1.8	660	0.0	0.40	
731030	6760	9.4	9.7	8.4	0.220		0.005	480	0.08	1.8			0.20	
731004	7700	20.6	6.3	8.2	0.180		0.005	150000	0.20	1.0	650		0.30	
731001	6950	20.6	9.1	8.1	0.180		0.005	310	0.15	0.7	617	0.0	0.30	
730717	14000	26.7	7.4	8.3	0.180		0.000	200	0.10	2.8	617		0.50	
730607	45800	22.2	5.2	7.7	0.850		0.017	4200	0.30	3.3	383		0.60	
730509	45000	15.6		7.9	0.230		0.000	1100	0.22	2.8	550	0.0	0.70	
730419	57500	12.8	8.4	8.0	0.160		0.007	300	0.22	3.4	517		0.70	
730306	24900	10.6	10.5	8.2	0.270		0.008	4700	0.25	3.0	617		0.80	
730214	33700	2.8	12.2	8.0	0.140		0.000	590	0.31	4.7	600	0.0	0.90	
730111	74400	0.0	12.4	7.9	0.150		0.000	250	0.20	4.7	492		0.90	
721228	52600	1.7	11.8	8.0	0.170		0.000	320	0.11	3.8	533		0.80	
721108	53600	11.7	8.6	7.7	0.300		0.007	500	0.20	4.5	533	0.0	1.00	
721003	35500	16.7	7.6	8.0	0.200		0.000	500	0.15	4.1	500	0.0	1.00	
720919	15600	23.9		7.9	0.260		0.000	3600	0.25	2.0	483	0.4	0.30	
720828	6600	26.1	9.2	8.5	0.170		0.000	3000	0.22	0.0	500	0.0	0.50	
720727	11300	27.2	5.4	8.0	0.140		0.000	600	0.10	4.7	550		1.10	80
720619	33900	24.4	5.7	7.9	0.050		0.000	1700	1.50	4.4	450		0.80	
720516	39100	17.2	7.4	8.2	0.090		0.000	950	0.13	2.6	533		1.20	60
720424	131000	15.0	7.5	7.6	0.060		0.010	100	0.85	3.3	353		0.60	
720322	32400	7.2	9.6	8.0	0.050		0.000	300	0.10	2.7	567		1.10	70
720308	43000	5.0	11.5	8.4	0.080		0.000	410	0.15	3.4	857		0.70	45
720112	29500	5.0	11.2	7.9	0.255		0.000	2700	0.47	5.8	670	0.0	1.20	
711207	6190	8.3	12.0	8.6	0.098	16		30	0.20	0.2				
711102	7060	18.9	6.6	8.3	0.065	14		770	0.30	0.5				
711004	9060	25.0		8.0	0.685	0		180	0.30	0.5				
710810	8770	28.3	10.0	8.5	0.196	5		41000	0.20	0.0			0.10	45
710803	9520	24.4	7.0	8.0	0.163	7			0.20	0.2			1.30	110
710726	10900	26.7	6.8	7.8	0.228	11			0.40	0.7			1.80	150
710713	21000	26.1	1.3	7.2	0.326	38			0.10	0.5			0.90	700
710706	8770	28.9	8.3	8.1	0.131	50			0.30	0.3			0.80	120
710628	12100	28.3	5.6	8.3	0.522	18			0.10	0.5			0.10	290
710621	18600	27.8	5.2	8.0	0.555	18			0.00	0.9			0.10	250
710614	24300	26.7	4.9	8.2	0.881	18			0.30	0.9			0.00	800
710608	23100	25.0	3.9	7.3		40				0.9			1.50	175
710601	20700	20.6	5.5	7.9	0.587	14			0.20	1.6			0.10	290
710517	25000	21.1	4.9	7.4	0.489	16			0.20	0.9			0.10	200
710510	23000	18.9	5.4	7.8	0.294	34			0.40	0.2			0.00	65
710504	9050	15.6	9.6	8.1	0.300	33			2.70	0.0			0.60	50
710426	10400	18.9	12.1	8.1	0.196	8			0.20	0.2			0.00	40
710419	13300	23.0	14.6	7.8	0.228	17			0.70	0.2			0.10	70
710412	16400	16.7		7.4	0.424	16			0.20	0.5			0.10	180
710406	20600	8.3	11.4	8.1	0.065	30			0.20	0.7			1.90	60
710329	27300	9.4	10.3	8.2	0.359	13			0.30	1.1			0.10	50
710322	50200	6.7	10.6	7.9	0.359	16			0.30	1.1			0.10	170
710315	42200	10.0	9.8	7.5	0.424	15			0.50	0.7			0.00	95
710308	68300	3.9	10.6	7.6	0.457	23			0.70	0.7			0.10	110
710302	120000	5.6	9.7	7.5	0.131	46			1.20	0.7			1.30	220
710222	67400	4.4	9.8	7.9	1.012	30			0.80	0.5			0.10	500
710216	35300	2.8	10.7	7.6	0.914	24			1.00	0.5			0.10	120
710208	52200	1.1	9.0	6.9	1.305	34			1.10	0.5			0.10	900
710203	7000	0.6	15.5	8.1	0.131	35			0.20	0.5			1.50	50
710125	11700	3.9	14.0	8.2	0.294	18			0.40	0.5			0.10	25
710105	24800	2.8	11.6	7.4	0.392	34			0.30	0.7			2.30	300
701208	12400	6.1	10.5	8.1	0.131	26			0.20	0.9			1.70	60
701130	13100	8.9	10.3	7.8	0.326	10			0.50	0.7			0.10	50
701123	15800	6.1	10.4	7.9	0.424	24			0.40	0.5			0.10	80

B 01 WABASH RIVER
MOUNT CARMEL WATER INTAKE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MDAS (MG/L)	TURBID-ITY UNITS
701116	10700	9.4	10.3	8.0	0.424	14			0.40	0.7			0.00	75
701109	13100	11.7	9.5	8.1	0.326	8			0.30	0.7			0.10	75
701103	11600	12.8	8.3	8.1	0.163	28			0.30	0.5			1.20	45
701026	10100	17.2	8.2	7.7	0.294	8			0.50	0.7			0.10	45
701019	14000	15.6	8.3	8.1	0.489	12			0.50	0.5			0.00	140
701013	8760	19.4	7.3	7.9	0.522				0.20	0.5			0.10	110
701006	7930	18.3	7.8	8.1	0.163	15			0.30	0.5			0.90	70
700909	5690	26.7	6.9	7.9	0.098	17			0.30	0.0			0.40	65
700831	5880	28.9	10.0	8.0	0.424	12			0.70	0.0			0.00	80
700824	8720	27.2	9.8	8.4	0.065	18			0.10	0.0			0.30	60
700817	6390	28.9	9.8	8.4	0.392	25			0.30	0.2			0.10	180
700810	12500	25.0	5.4	7.6	0.228	19			0.30	0.5			0.10	160
700804	14700	28.3	2.8	7.8	0.196	15			0.30	0.2			1.00	110
700727	7970	28.9	7.5	7.8	0.098	16	0.000	170	0.10	0.2			0.70	100
700720	7270	24.4	5.3	7.8	0.163	11			0.50	0.2			0.10	70
700713	7930	28.9	7.3	8.0		10			0.40	0.2			0.10	65
700707	9980	25.6	7.6	7.9	0.065	15			0.20	0.2			1.70	78
700629	12500	26.1	7.5	7.8	0.718	15			0.40	0.5			0.00	330
700622	21400	24.4	6.4	7.8	0.587	15			0.30	0.5			0.20	200
700615	26200	25.0	3.4	7.6	0.457	14			0.40	0.5			0.00	600
700609	26800	23.9	13.5	8.3	0.261	20			0.30	0.5			0.00	190
700602	21500	22.2	6.0	7.8	0.131	13			0.20	0.7			1.30	220
700519	52800	20.6	6.1	7.8	0.326	17			0.20	0.9			0.00	250
700511	46600	20.0	6.6	7.9	0.359	16			0.60	0.7			0.00	140
700505	95700	18.9	6.5	7.9	0.163	15			0.10	0.9			1.40	75
700420	32200	15.6	8.4	7.8	0.522	19			0.20	0.7			0.10	160
700413	38600	13.9	8.6	7.8	0.489	13			0.30	0.9			0.10	140
700407	58200	8.9	10.2	7.9	0.196	14			0.30	1.1			1.50	100
700330	51900	7.8	9.7	7.7	0.587	16			0.30	0.9			0.00	250
700323	34000	7.8	11.3	7.9	0.065	16			0.50	0.5			1.50	50
700316	28300	6.1	12.2	8.0	0.326	16			0.60	0.7			0.00	40
700309	47600	10.0	10.0	8.0	0.424	17			0.30	0.7			0.00	45
700303	23000	8.3	8.4	7.8	0.163	37			0.20	0.7			1.30	60
700224	30000	5.6	11.5	7.8	0.489	15			0.40	0.7			0.10	30
700216	36000	3.3	11.6	7.8	0.326	40			0.60	0.7			0.10	40
700209	55800	2.2	12.0	7.5	0.457	24			0.50	0.7			0.10	95
700119	12300	2.2	12.2	8.0	0.261	20			0.30	0.5			0.10	25
700112	17800	1.1	11.9	7.9	0.326	12			0.40	0.5			0.10	25
700106	17300	1.1	12.5	7.9	0.131	15			0.20	0.5			1.20	5
691208	27600	5.0	10.8	7.7	0.294	16			0.30	0.5			0.00	70
691202	39700	5.0	11.2	7.7	0.131	14			0.20	0.9			1.10	90
691104	25200	10.6	7.8	7.5	0.196	23			0.40	0.5			1.10	150
691027	15700	13.3	9.2	7.8	0.392	16			0.30	0.5			0.00	90
691020	35100	15.6	7.7	7.6	0.914	14			0.40	0.5			0.10	180
691014	24300	18.9	5.3	7.7	1.338	16			0.60	0.0			0.10	400
691007	8190	21.1	8.5	8.1	0.065	15			0.30	0.2			0.80	150
690929	11400	21.1	7.5	7.6	0.848	16			0.40	0.2			0.10	110
690922	14600	21.7	4.7	7.5	0.685	15			0.50	0.2			0.10	240
690915	6470	23.9	10.7	7.9	0.163	16			0.40	0.0			0.10	70
690909	8200	23.9	9.3	7.7	0.033	15			0.30	0.0			0.30	95
690902	6870	28.3	11.8	8.4	0.098	16			0.40	0.0			0.10	65
690825	10200	27.2	13.4	8.6	0.326	24			0.20	0.0			0.10	70
690818	12900	28.9	8.5	8.0	0.131	13	0.000	200	0.10	0.2			0.40	90
690811	12800	27.8	8.3	8.2	0.228	16			0.20	0.2			0.10	85
690805	22100	25.0	6.8	8.0	0.196	13			0.20	0.5			0.70	230
690728	41900	26.7	5.7	7.8	0.359	13			0.20	0.2			0.00	200
690722	20000	27.2	5.8	7.6	0.326	22			0.20	0.5			0.10	130
690715	32800	27.8	5.0	7.6	1.044	18			0.20	0.7			0.10	300
690708	16000	27.8	5.4	7.8	0.131	21			0.20	0.5			1.10	220
690630	29900	28.3	4.9	7.8	0.555	22			0.40	0.9			0.00	400
690623	22700	23.3	5.0	7.6	0.783	13			0.30	0.7			0.00	700
690616	21200	22.8	5.0	7.8	0.718	16			0.30	0.2			0.10	550
690609	13200	23.9	12.4	8.5	0.359	5			0.30	0.2			0.10	120
690603	16800	21.1	6.4	7.9	0.098	17			0.30	0.5			1.00	90
690526	38900	20.0	6.6	7.9	0.424	16			0.40	0.7			0.10	85
690519	31600	18.9	6.3	7.7	0.261	16			0.30	0.7			0.00	80
690512	23600	18.3	9.7	8.3	0.228	15			0.20	0.5			0.00	85
690506	27900	18.9	8.3	7.9		12			0.40				0.80	120
690428	61700	15.6	8.1	7.7	0.228	17			0.30	2.7			0.10	120
690421	79400	15.6	6.9	7.4	0.359	21			0.20	1.1			0.10	200
690414	52200	13.9	7.6	7.7	0.359	19			0.40	0.7			0.10	150

8 01 WABASH RIVER
MOUNT CARMEL WATER INTAKE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
690408	41800	13.3	9.5	7.7	1.273	23			1.30	3.4			0.80	320
690331	36000	6.7	11.5	7.8	0.261	15			0.50	3.4			0.10	65
690324	16000	10.6	11.2	7.9	0.326	21			0.10	1.1			0.10	160
690317	16900	8.9	15.0	8.0	0.000	9			0.10	1.8			0.00	60
690310	23100	6.1	14.0	8.1	0.228	17			0.20	2.3			0.00	45
690304	27400	6.1	11.5	7.9	0.653	18			1.10	1.1			1.00	120
690224	34900	5.6	10.3	7.5	0.326	13			0.00	2.5			0.00	45
690217	78800	2.2	11.8	7.7	0.326	17			0.40	2.9			0.10	95
690210	150000	3.9	11.0	7.6	0.424	21			0.00	2.7			0.00	130
690204	186000	2.8	11.9	7.3	0.392	18			0.70	2.0			0.60	520
690127	82200	1.1	11.3	7.4	0.620	22			0.40	2.3			0.10	190
690120	57600	2.2	10.7	7.4	0.816	22			0.80	1.6			0.20	350
690113	22400	1.1	12.3	7.7	0.326	21			0.90	3.2			0.20	35
690107	39900	0.6	12.8	7.7	0.131	8			1.30	5.0			0.50	120
681223	17500	2.8	11.7	7.3	0.522	36			0.40	1.6			0.20	180
681216	15500	3.3	12.1	7.8	0.359	15			0.30	1.4			0.10	25
681209	25900	3.9	11.9	7.4	0.326	15			0.00	2.0			0.20	40
681203	29400	8.3	9.9	7.3	0.261	13			0.40	2.3			0.30	132
681125	15500	8.9	11.0	7.4	0.489	33			0.30	1.4			0.30	95
681118	7440	10.3	9.6	7.7	0.326	19			0.20	0.5			0.20	45
681112	5780	9.4	11.9	7.9	0.457	17			0.20	0.7			0.10	50
681105	5350	13.9	7.4	8.1	0.163	10			1.00	0.9			0.30	95
681028	5590	12.2	9.3	6.8	0.326	28			0.10	0.5			0.20	65
681022	6420	18.3	7.7	8.0	0.359	18			0.60	0.2			0.10	100
681014	6530	21.7	10.2	6.3	0.326	15			0.20	0.2			0.10	85
681008	5980	15.6	10.2	7.8		9			0.30	0.7			0.20	87
680930	6890	20.9	12.3	8.7	0.294	10			0.50	0.2			0.10	80
680923	7300	25.6	7.5	7.8	0.163	16			0.20	0.5			0.20	35
680916	6520	22.2	10.3	7.9	0.392	22			0.60	0.2			0.20	120
680910	7600	22.2	7.5	7.6	0.163	18		430	0.60	0.2			0.20	55
680903	8240	25.6		7.6	0.163	19			0.10	0.3			0.20	110
680826	14000	28.3	6.8	7.5	1.044	14			0.30	1.6			0.10	160
680819	19000	29.4	5.9	7.3	0.750	11			0.30	1.4			0.20	140
680812	31400	26.1	5.3	6.9	0.816	12			0.20	0.9			0.10	290
680806	27800	26.7	4.7	7.6	0.261	15	0.000	4000	0.20	2.7			0.20	390
680729	19000	27.8	7.7	7.8	0.196	12			0.70	0.2			0.20	85
680722	10400	30.6	8.1	8.2	0.098	18			0.70	0.5			0.20	85
680715	13300	27.8	5.7	7.8	0.065	12			1.10	1.6			0.10	90
680709	18500	26.7	7.3	7.5	0.065	17			0.30	2.5			0.20	110
680702	38100	23.3	5.5	8.0	0.946	9			1.10	5.4				210
680624	23200	26.1	5.2	7.6	0.131	10			0.00	2.5			0.20	120
680617	24100	25.6	5.0	7.8	0.163	16			0.60	1.8			0.20	70
680610	49700	26.1	4.9	7.3	0.065	14			0.20	2.3			0.20	170
680604	136000	21.1	5.5	7.8	0.098	10			1.20	5.2			0.40	140
680527	82100	17.2	5.9	7.3	0.098	34			0.20	1.4			0.20	350
680520	43700	17.8	5.5	7.1	0.065	16			0.20	1.6			0.20	2400
680513	23900	18.9	5.9	7.7	0.228	26			0.50	0.5			0.10	190
680507	14400	17.2	9.6	8.0	0.033	17			0.10	1.8			0.40	100
680429	25700	17.8	10.6	8.2	0.326	22			0.50	1.6			0.20	50
680422	47500	18.9	5.8	7.6	0.261	19			0.80				0.10	190
680415	48500	15.0	7.3	7.7	0.392	25			0.20	1.6			0.10	120
680408	75500	12.2	7.6	7.5	0.392	18			0.40	1.4			0.20	500
680402	54700	12.8	8.0	7.9	0.196	14			1.10	4.5			0.50	260
680325	51500	8.3	10.4	6.8	0.392	23			0.30	2.5			0.20	55
680318	32600	9.4	9.8	7.5	0.326	28			0.50	1.6			0.20	150
680311	14500	8.9	12.4	7.9	0.261	14			0.40	1.8			0.20	35
680305	15900	4.4	11.7	7.8	0.163	8			1.10	3.4			0.20	50
680226	20600	3.9	11.5	7.8	0.392	34			0.30	2.3			0.20	30
680219	53500	1.7	11.9	7.2	0.196	18			0.50	2.5			0.30	85
680213	113000	1.1	12.1	7.5	0.131	26			0.40	3.2			0.20	75
680206	122000	5.0	10.4	7.7	0.326	13			0.60	3.4			0.40	175
680129	34100	4.4	11.3	7.6	0.261	29			1.40	1.6			0.20	120
680122	16700	3.9	11.5	7.7	0.131	16			1.00	1.6			0.30	25
680116	16900	1.7	12.3	7.7	0.163	13			1.00	1.4			0.10	30
680109	24000	0.6	11.2	7.6	0.196	7			1.10	3.4			0.00	120
680102	74300	1.1	12.2	7.7	0.261	19			0.20	2.9			0.00	170
71218	63500	6.7	10.4	7.6	0.294	19			0.10	2.9			0.10	110
671211	45800	7.8	9.3	7.4	0.294	24			0.00	3.6			0.20	160
671205	38600	5.0	9.6	7.6	0.163	14			1.10	1.1			0.10	600
671128	5690	6.7	14.7	8.2	0.163	43			0.50	0.5			0.20	40
671120	5630	8.9	14.2	7.6	0.163	20			0.30	0.5			0.20	50

B 01 WABASH RIVER
MOUNT CARMEL WATER INTAKE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
671113	6600	10.0	14.0	8.1	0.261	23			0.40	0.2			0.20	80
671107	6280	8.3	10.4	7.8	0.065	15			1.80	0.0			0.10	130
671030	4780	12.8	11.2	8.2	0.033	28			0.60	0.0			0.10	110
671023	6110	15.6	10.9	7.2	0.033	28			0.50	0.2			0.20	80
671016	4110	18.3	5.3	7.6	0.163	18			0.90	0.2			0.10	55
671009	3880	17.2	6.4	7.8	0.424	19			0.80	0.5			0.20	60
671003	3860	18.9	6.7	7.9	0.033	15			1.30				0.30	78
670925	4230	21.7	11.1	8.4	0.163	44			0.80	0.0			0.20	140
670912	3690	21.1	9.2	7.8	0.131	18	0.003		0.60	0.0			0.20	95
670828	5170	24.4	8.2	8.0	0.098	18			0.50	0.0			0.20	100
670821	6470	23.3	5.7	7.5	0.457	31			0.30	0.0			0.20	160
670814	5110	25.0	11.3	7.7	0.163	23			0.20	0.2			0.20	85
670808	6860	26.7		7.8		10			0.50				0.20	85
670731	7540	28.3		8.3		27			0.60				0.10	220
670724	6540	27.2	8.3	7.6	0.228	12			0.50	0.2			0.10	100
670717	6310	26.1	11.5	8.3	0.196	20			0.10	0.2			0.10	55
670711	9150	26.1	7.8	7.8									0.10	220
670626	11700	25.6	7.0	7.9	0.196	16			0.50	1.1			0.10	100
670619	14200	28.3	6.3	7.8	0.365	16				1.8			0.10	115
670612	24200	25.6	4.4	7.6	0.131	9				1.4			0.10	300
670606	21400	22.2	7.5	8.3									0.20	65
670522	38000	18.9	7.6	7.7	0.326	24				2.5			0.30	90
670515	81100	15.0	6.9	7.6	0.392	27				3.2			0.30	1000
670508	51900	16.1	8.8	7.8									0.20	170

B 01 WABASH RIVER
MOUNT CARMEL WATER INTAKE --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740822		0.0	0.000	0.040	1.5	0.23	0.20	0.0	0.0	0.1	25	60		
740516		0.0	0.000	0.000	4.2	0.04	0.28	0.0	0.1	0.1	22	58		
740221		0.0	0.000	0.000	3.6	0.06	0.04	0.0	0.0	0.2	18	57		
731114		0.0	0.000	0.000	0.6	0.07	0.12	0.0	0.1	0.3	27	79		
731001		0.0	0.000	0.000	0.6	0.00	0.20	0.0	0.0	0.4	27	81		
730509		0.0	0.000	0.000	3.0	0.01	0.20	0.0	0.0	0.2	22	59		
730214			0.000	0.000	1.2	0.02	0.06		0.0	0.2	28	59		
721108		0.1	0.000	0.000	2.4	0.01	0.16	0.0	0.0					
720727		0.0	0.000	0.000	1.8	0.00	0.26	0.0	0.0	0.2	24	72		
720516		0.0	0.000	0.000	1.9	0.01	0.17	0.0	0.0	0.2	22	65		
720308				0.010	1.1		0.33			0.3	33	76		
720112		0.0	0.000	0.000	2.6		0.70	0.2	0.0	0.1	49	80		
710125											56	92	368	250
700727		0.0	0.000	0.000	0.1	0.00	0.10	0.0	0.1	0.2	27	33	208	164
700119											51	110	352	220
700112											38	98	364	228
690825			0.000		0.0	0.00				0.0				
690818		0.0	0.000	0.000	0.0	0.00		0.0	0.1	0.3				
690811			0.000		0.0	0.00				0.0				
690805			0.000		0.0	0.00				0.0				
690728			0.000		0.0	0.00				0.0				
690722			0.000		0.0	0.00				0.0				
690715			0.000		0.0	0.00				0.0				
690708			0.000		0.0	0.00				0.0				
690324											124	80	302	176
680806		0.0	0.000	0.000	3.1	0.00	0.30	0.0	0.1	0.2	36	14	204	152
680305											68	34	320	228
671128											36	100	336	202
671120											37	120	320	204
671113											55	75	312	208
671009											30			
670925											28			
670912		0.1	0.000	0.000	0.4	0.05	0.10	0.0	0.0	0.3	37	27	304	168
670828											30			
670821											32			
670814											27			
670724											33			

B 01 WABASH RIVER
MOUNT CARMEL WATER INTAKE —CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
670717											32			
670711											58	30	252	152
670626											26	76	288	176
670619											27	64	300	186
670612											23	77	272	168
670606	6										30	33	284	232
670522											26	60	266	174
670515											25	47	16	134
670508	6										30	33	292	192

B 01 WABASH RIVER
MOUNT CARMEL WATER INTAKE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740822		0.000	0.2	0.00	0.00		0.00		0.00	0.000		
740516		0.001	0.1	0.00	0.00		0.00		0.00	0.000		
740221		0.000	0.2	0.00	0.00		0.05		0.00	0.000		
731114		0.000	0.1	0.00	0.00		0.05		0.00	0.000		
731001		0.000	0.1	0.00	0.00		0.00		0.00	0.000		
730509		0.000	0.2	0.00	0.00		0.00		0.00	0.000		
730214				0.00	0.00		0.23					
721108		0.000	0.2	0.00	0.00		0.00		0.00	0.010		
720727		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
720516				0.00	0.00		0.03			0.000		
720308							0.05	0.07				
720112				0.00	0.00	0.00	0.05	0.23			0	
700727				0.00	0.00		0.00					
690818		0.000		0.00	0.00		0.03					
660806		0.000		0.00	0.00		0.20					
680520	2100											
670912		0.000		0.00	0.00		0.10					

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740904		21.7	1.6	7.0	0.320		0.010	730	0.10	9.0	350	0.2	0.60	
740814		26.1	1.3	7.6	0.180		0.010	310	0.12	1.3	567		0.20	
740729		26.7	3.5	8.1	0.030		0.000	0	0.05	1.2	583		0.30	
740605		21.7	6.3	7.6	0.280		0.010	700	0.20	2.0	333	0.2	0.40	
740520		22.2	6.0	7.5	0.320		0.010	650	0.15	2.9	417		0.40	
740411		12.2	10.4	8.1	0.280		0.000	570	0.20	3.0	383		0.30	
740321		6.1	10.8	8.0	0.170		0.005	160	0.10	2.9	433	0.4	0.40	
740221		5.0	11.5	7.9	0.160		0.000	440	0.20	3.5	500		0.40	
743117		2.8	13.1	7.9	0.180		0.005	280	0.25	3.0	517		0.80	
731105		11.7	11.5	8.4	0.220		0.005	400	0.00	1.8	690		0.40	
731004		21.1	7.7	8.3	0.180		0.005	250	0.15	0.7	683	0.0	0.30	
730823		25.6	6.0	8.0	0.400		0.000	200	0.05	2.2	383		0.50	
730720		26.1	7.6	8.3	0.160		0.000	290	0.10	2.0	783		0.60	
730614		23.3	6.1	8.0	0.280		0.000	600	0.05	5.5	417	0.0	0.90	
730510		16.7	8.8	8.0	0.160		0.006	400	0.30	0.8	500		0.60	
730411		7.2	10.9	8.2	0.160		0.000	110	0.20	2.6	467		0.60	
730306		11.7	11.3	8.3	0.170		0.000	100	0.10	2.9	617	0.0	0.80	
730208		2.8	11.4	7.9	0.190		0.000	200	0.20	4.5	500		0.80	
730125		3.9	11.6	7.9	0.240		0.000	1000	0.29	3.0	483		0.60	
721227		1.7	11.5	7.8	0.200		0.000	270	0.14	3.7	467		0.80	
721108		10.0	8.1	7.6	0.320		0.007	400	0.15	2.5	417		0.80	
720928		22.2	6.9	8.0	0.200		0.007	8000	0.13	2.5	550	0.0	0.70	
720913		25.0	6.1	8.1	0.230		0.010	10	0.10	0.5	550	0.0	0.50	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
720808		24.4	7.8	8.1	0.220		0.000	140	0.13	0.9	433		0.50	70
720727		28.3	6.4	8.2	0.090		0.000	40	0.05	2.9	517	0.0	0.80	
720619		23.9	5.9	7.7	0.090		0.000	2200	0.20	3.3	417		0.60	450
720515		17.2	7.2	8.1	0.110		0.000	140	0.15	3.0	467		1.00	
720419		16.1	6.4	7.8	0.070		0.000	200	0.23	3.0	330		0.60	
720322		7.2	9.1	8.1	0.130		0.000	80	0.30	3.8	450		1.00	90
720307		7.2	10.9	8.2	0.080		0.000	350	0.20	2.5	480	0.0	0.70	140
720112		5.0	11.2	8.0	0.180		0.000	150	0.56	4.6	580			
711207		7.8	11.4	8.5	0.098	13		10	0.20	0.5				
711102		18.9	9.5	8.6	0.065	12		80	0.30	0.5				
711004		24.4		8.3	0.326	10		1100	0.30	0.2				
710810		27.8	9.6	8.4	0.326	5		3000	0.20	0.2			0.00	75
710802		25.6	9.6	8.1	0.196	9			0.20	0.2			1.30	120
710726		26.1	6.6	7.8	0.163	12			0.50	0.2			1.50	240
710712		27.8	5.4	7.5	0.131	39			0.50	0.0			0.70	230
710706		28.3	6.6	8.1	0.163	33			0.30	0.5			1.10	240
710626		28.3	6.3	8.2	0.522	15			0.00	0.2			0.00	230
710621		27.2	5.8	7.8	0.718	12			0.10	0.7			0.00	390
710614		26.7	5.4	8.0	1.273	57			0.10	0.7			0.10	1100
710607		25.6	5.5	7.1		35				0.7			1.30	250
710601		20.0	7.0	7.8	0.750	14			0.20	0.9			0.10	300
710517		20.6	6.7	7.4	0.522	15			0.20	0.7			0.10	170
710510		18.3	5.5	7.5	0.620	16			0.40	0.2			0.00	220
710503		16.7	13.4	8.3	0.098	33			0.40	0.0			0.50	45
710426		18.9	14.4	8.3	0.196	8			0.20	0.0			0.00	35
710419		20.0	15.1	7.9	0.228	19			0.70	0.2			0.10	65
710412		15.6	16.7	7.9	0.294	13			0.10	0.2			0.10	100
710405		10.0	12.4	8.0	0.098	30			0.20	0.7			1.80	75
710329		8.3	10.8	8.1	0.326	15			0.30	0.7			0.30	45
710322		6.7	10.7	7.9	0.424	14			0.30	0.9			0.10	160
710315		9.4	10.5	7.8	0.392	11			0.30	0.5			0.30	80
710308		3.9		7.7	0.424	17			0.50	0.7			0.10	100
710301		6.1	10.5	7.7	0.196	45			1.30	0.5			1.00	380
710222		3.9	10.5	7.5	0.881	20			0.70	0.5			0.10	400
710216		1.7	11.8	7.6	0.783	20			0.90	0.5			0.10	130
710208		0.0	11.3	6.7	1.240	23			1.20	0.2			0.20	650
710202		0.0	14.7	8.0	0.163	35			0.40	0.5			1.40	50
710125		3.3	13.0	8.1	0.326	14			0.50	0.5			0.00	35
710104		0.3	11.8	7.4	0.489	47	0.000		0.40	0.5			2.20	330
701207		6.7	10.7	8.0	0.163	22			0.30	0.7			1.60	67
701130		10.0	10.5	7.9	0.424	10			0.50	0.5			0.10	85
701123		5.0	10.9	7.9	0.620	14			0.30	0.5			0.10	170
701116		8.3	10.7	8.1		12				0.5			0.00	45
701109		12.2	10.3	8.2	0.424	9			0.20	0.5			0.10	75
701102		13.0	10.6	8.2	0.163	25			0.20	0.5			1.00	55
701026		16.1	8.5	7.8	0.392	8			0.40	0.5			0.10	80
701019		15.6	8.8	8.1	0.848	10			0.80	0.5			0.10	120
701013		19.4	8.3	8.2	0.457				0.30	0.2			0.10	90
701005		20.0	8.8	8.2	0.163	15			0.20	0.5			0.80	90
700908		28.9	13.8	8.5	0.065	18			0.20	0.0			0.40	45
700824		27.2	11.2	8.3	0.033	20			0.20	0.0			0.30	50
700817		28.3	9.8	8.3	0.163	25			0.50	0.0			0.00	55
700810		25.6	7.5	7.8	0.228	15			0.30	0.5			0.10	160
700803		30.6	8.0	8.2	0.131	14			0.20	0.0			0.80	115
700727		29.4	11.5	8.4	0.033	13	0.000	10	0.00	0.0			0.50	70
700720		24.4	8.2	8.1	0.098	12			0.30	0.0			0.10	50
700713		29.4	10.1	8.3	0.228	16			0.40	0.2			0.10	45
700706		27.2	6.1	7.5	0.065	12			0.20	0.0			0.60	164
700629		26.7	7.5	8.0	0.457	13			0.40	0.2			0.20	200
700622		24.4	5.8	7.8	0.620	11			0.20	0.2			0.00	400
700615		26.1	7.3	7.9	0.620	9			0.30	0.2				450
700609		23.9	7.0	7.8	0.392	23			0.20	0.7			0.00	230
700601		23.3	6.7	7.8	0.098	13			0.30	0.7			1.10	240
700519		21.7	6.6	7.8	0.359	18			0.30	0.7			0.10	250
700511		20.6	7.3	7.8	0.261	12			0.60	0.5			0.10	100
700504		20.0	7.1	7.7	0.163	15			0.40	0.7			1.20	65
700420		16.1	8.4	7.9	0.489	15			0.30	0.5			0.10	110
700413		13.9	9.4	7.8	0.424	9			0.30	0.7			0.10	110
700406		10.6	10.1	7.7	0.228	15			0.40	0.7			1.10	150
700330		8.3	9.8	7.6	0.587	10			0.30	0.5			0.30	220
700323		6.7	11.5	7.9	0.098	13			0.30	0.5			1.30	50

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
700316		6.1	11.3	8.0	0.326	17			0.30	0.5			0.00	65
700309		10.0	9.5	7.8	0.392	17			0.40	0.5			0.10	120
700302		9.4	10.4	7.9	0.098	23			0.40	0.5			1.20	550
700224		6.1	11.6	7.8	0.489	8			0.40	0.5			0.10	40
700216		2.8	11.9	7.8	0.359	40			0.50	0.5			0.10	60
700209		1.7	12.2	7.5	0.424	14			0.70	0.7			0.10	120
700119		0.6	12.2	8.0	0.359	20			0.40	0.5			0.20	25
700112		0.6	13.1	7.9	0.392	12			0.40	0.5			0.10	25
700105		2.2	12.6	7.8	0.163	13			0.20	0.5			1.10	20
691208		4.4	11.4	7.9	0.359	12			0.30	0.5			0.10	40
691201		5.6	10.6	7.8	0.098	11			0.20	0.7			1.00	90
691103		12.2	8.6	7.7	0.196	21			0.40	0.5			1.20	130
691027		12.8	9.4	7.9	0.359	12			0.30	0.5			0.10	110
691020		16.1	7.9	7.7	0.979	13			0.40	0.2			0.10	180
691014		18.3	6.3	7.9	1.142	14			0.40	0.0			0.10	260
691006		22.8	8.4	8.2	0.065	19			0.20	0.2			0.80	100
690929		20.6	7.5	7.7	0.685	17			0.30	0.2			0.00	80
690922		22.8	7.1	7.7	0.522	16			0.30	0.0			0.10	180
690915		23.3	14.6	8.4	0.163	17			0.20	0.0			0.00	70
690908		26.1	13.6	8.3	0.065	15			0.20	0.0			0.70	80
690902		27.2	6.8	8.0	0.555	21			0.30	0.0			0.10	350
690825		26.7	7.3	7.9	0.294	17			0.20	0.0			0.10	100
690818		28.3	7.3	8.0	0.163	11	0.000	200	0.10	0.2			0.40	130
690811		27.2	9.7	8.4	0.261	14			0.20	0.0			0.10	100
690804		26.7	6.3	7.9	0.163	11			0.10	0.5			0.60	150
690728		26.1	5.6	7.6	0.359	11			0.20	0.2			0.10	180
690722		27.2	5.5	7.6	0.620	14			0.20	0.2			0.10	260
690715		28.0	5.1	7.6	0.979	17			0.30	0.5			0.10	250
690707		28.3	5.7	7.7	0.163	16			0.10	0.5			1.10	600
690630		28.9	5.2	7.7	0.685	16			0.20	0.7			0.00	600
690623		23.3	6.1	7.7	1.436	13			0.20	0.7			0.10	1400
690616		23.3	5.8	8.0	0.587	16			0.40	0.2			0.00	380
690609		23.9	9.4	8.5	0.326	10			0.20	0.2			0.10	65
690602		23.3	9.5	8.0	0.131	14			0.20	0.2			0.80	150
690526		21.1	7.3	7.8	0.555	12			0.40	0.5			0.10	170
690519		18.9	7.5	7.9	0.392	17			0.20	0.5			0.10	250
690512		17.8	11.3	8.5	0.294	12			0.20	0.5			0.00	95
690505		19.4	9.3	7.9	0.555	11			0.50	2.5			0.70	90
690428		15.6	8.7	7.6	0.196	16			0.40	2.0			0.00	90
690421		15.6	7.6	7.4	0.359	19			0.20	0.5			0.20	210
690414		14.4	8.1	7.7	0.359	18			0.40	0.5			0.10	150
690407		13.9	9.1	7.4	0.098	19			1.30	2.7			0.80	240
690331		7.2	9.5	7.8	0.359	18			0.50	2.5			0.00	100
690324		13.9	11.9	8.0	0.587	12			0.00	0.9			0.00	290
690317		8.3	17.3	8.3	0.196	9			0.30	1.1			0.30	55
690310		5.0	13.9	8.1	0.261	12			0.20	1.8			0.00	55
690303		6.1	11.6	7.7	2.871	16			1.40	1.1			0.90	90
690224		5.0	11.0	7.5	0.359	9			0.00	1.8			0.00	65
690217		1.7	13.3	7.6	0.294	15			0.20	2.7			0.10	100
690210		3.9	11.4	7.7	0.424	22			0.30	2.0			0.20	200
690203		3.9	11.8	7.4	0.261	15			0.60	1.8			0.50	500
690127		0.6	11.5	7.4	0.587	24			0.50	1.6			0.10	220
690120		2.8	10.9	7.4	0.816	18			0.90	1.4			0.30	500
690113		0.6	12.5	7.6	0.326	14			1.20	2.3			0.10	60
690106		1.1	13.1	7.8	0.131	10			1.10	3.4			0.40	170
681223		2.8	12.4	7.8	0.424	13			0.60	1.4			0.10	45
681216		2.8	12.1	7.8	0.392	17			0.70	1.4			0.10	45
681209		3.9	11.6	7.6	0.392	12			0.40	1.6			0.20	100
681202		8.3	9.7	7.5	0.424	18			0.70	2.5			0.40	225
681125		8.9	10.5	7.7	0.620	12			0.20	1.4			0.20	100
681118		9.4	10.5	8.0	0.653	13			0.00	0.0			0.20	55
681112		8.3	13.0	8.2	0.326	9			0.20	0.5			0.20	50
681104		13.9	13.1	8.1	0.131	8			0.40	0.5			0.20	60
681028		11.7	10.5	7.8	0.326	16			0.10	0.2			0.20	70
681022		18.3	8.1	8.1	0.392	17			0.40	0.2			0.10	90
681014		21.1	12.6	8.4	0.359	8			0.20	0.0			0.20	100
681007		17.2	12.8	8.1		9			0.30	5.6			0.20	100
680930		23.9	14.9	8.6	0.261	16			0.80	0.0			0.20	50
680923		25.0	15.3	8.5	0.163	14			0.20	0.0			0.20	40
680916		21.7	8.4	8.2	0.163	15			0.50	0.0			0.20	35
680909		23.3	11.3	7.8	0.196	17		70	0.70	0.0			0.20	45

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
680903		25.0		7.7	0.196	20			0.10	0.0			0.30	65
680826		27.8	6.8	7.7	0.718	13			0.20	1.1			0.10	120
680819		28.3	6.0	7.5	0.457	12			0.30	1.1			0.20	150
680812		26.7	5.5	7.2	0.555	11			0.10	1.6			0.10	170
680805		26.7	4.5	7.5	0.163	12	0.000	7000	0.30	1.6			0.20	400
680724		28.9	6.8	7.8	0.228	14			0.50	0.5			0.20	110
680722		30.0	7.9	8.5	0.098	10			0.50	0.2			0.20	70
680715		27.2	5.8	8.0	0.098	13			0.50	0.9			0.20	50
680709		26.7	8.0	7.7	0.065	8			0.20	1.8			0.20	120
680701		25.6	6.4	8.0	1.109	7			1.10	3.6				350
680624		26.7	6.3	7.8	0.098	12			0.10	2.0			0.20	120
680617		25.0	6.9	8.0	0.065	6			0.20	1.4			0.10	95
680610		26.1	5.9	7.1	0.131	15			0.50	1.6			0.20	100
680603		21.7	6.3	7.7	0.131	14			1.00	3.2			0.40	130
680527		17.2	6.7	7.5	0.065	26			0.30	0.9			0.20	300
680520		18.9	6.2	7.5	0.033	16			0.20	0.9			0.10	250
680513		18.9	7.0	7.9	0.228	14			0.50	0.0			0.30	80
680506		19.4	11.4	8.0	0.261	15			0.10	1.1			0.30	80
680429		17.8	9.8	8.1	0.163	6			0.50	1.1			0.10	85
680422		18.3	6.9	7.8	0.196	16			0.80	1.4			0.20	180
680415		15.0	7.9	7.9	0.424	16			0.20	1.6			0.10	80
680408		12.8	7.9	7.6	0.359	16			0.30	0.7			0.30	260
680401		13.9	9.2	7.8	0.098	11			1.30	3.6			0.40	130
680325		7.8	10.2	7.4	0.359	11			0.20	1.8			0.10	90
680318		9.4	10.0	7.7	0.424	20			0.40	1.4			0.20	240
680311		8.9	12.0	8.0	0.261	8			0.30	1.4			0.20	30
680304		5.0	12.9	7.8	0.163	14			0.70	2.9			0.20	32
680226		3.3	11.5	7.9	0.131	15			0.40	0.9			0.30	35
680219		1.7	12.0	7.8	0.163	19			0.50	2.3			0.50	80
680213		0.6	12.2	7.6	0.196	18			0.30	2.5			0.20	110
680205		6.1	10.0	7.7	0.131	14			0.40	2.7			0.30	210
680129		4.4	11.8	7.9	0.359	10			1.00	0.9			0.10	90
680122		4.4	11.4	7.8	0.163	12			0.80	1.4			0.20	25
680116		1.7	12.3	7.9	0.163	12			1.10	1.1			0.20	30
680108		0.0	12.0	7.5	0.261	8			1.00	0.7			0.10	100
680102		0.0	12.0	7.6	0.294	18			0.00	2.3			0.00	190
671218		6.1	10.4	7.6	0.261	17			0.30	2.7			0.10	120
671211		8.3	9.5	7.5	0.587	18			0.10	2.7			0.20	180
671204		6.1	9.8	7.5	0.196	12			1.00	0.9			0.10	300
671128		6.1	14.7	8.4	0.196	28			0.30	0.5			0.20	70
671120		8.0	15.8	8.2	0.196	22			0.10	0.5			0.20	55
671113		10.0	15.5	8.5	0.326	22			0.80	0.2			0.20	120
671106		8.3	10.5	7.5	0.033	14			1.50	0.0			0.10	92
671030		12.2	11.1	8.1	0.033	20			0.40	0.2			0.20	80
671023		15.6	9.9	7.6	0.033	16			0.50	0.5			0.10	110
671016		17.2	9.5	7.5	0.065	11			0.40	0.2			0.20	80
671009		17.2	9.1	8.1	0.424	15			0.40	0.2			0.10	90
671002		18.9	12.0	8.0	0.033	14			1.30				0.30	58
670925		21.1	12.1	8.6	0.065	17			0.30	0.0			0.20	110
670911		22.2	10.3	8.0	0.131	16	0.000		0.70	0.0			0.20	95
670828		25.0	9.7	8.2	0.098	22			0.40	0.0			0.20	100
670821		25.0	7.3	7.8	0.196	17			0.20	0.0			0.10	80
670814		25.6	13.0	8.0	0.098	4			0.20	0.0			0.20	85
670807		27.2		8.0		19			0.40				0.20	45
670731		28.3		8.3		38			0.60				0.10	110
670724		27.8	9.6	8.2	0.163	8			0.20	0.0			0.10	70
670717		26.7	14.2	8.1	0.131	16			0.20	0.0			0.20	50
670710		26.7	6.4	7.8									0.10	1000
670626		25.6	7.8	8.0	0.228	8			0.60	0.9			0.10	140
670619		28.3	6.1	7.6	0.261	16				1.1			0.10	370
670612		25.0	6.5	7.8	0.131	14				0.9			0.10	220
670605		21.1	7.8	7.8									0.20	120
670522		18.3	7.8	7.7	0.326	19				1.8			0.20	80
670515		16.1	7.5	7.7	0.392	23				2.3			0.20	130
670508		16.1	7.9	7.8									0.10	260
670501		15.6	8.8	7.4									0.20	140

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
740904		0.0	0.000	0.000	4.4	0.06	0.20	0.0	0.0	0.3	15	45		
740605		0.0	0.000	0.000	4.8	1.18	0.20	0.0	0.1	0.4	13	35		
740321		0.2	0.000	0.000	1.6	0.30	0.09	0.0	0.1	0.2	17	51		
731004		0.1	0.000	0.000	0.6		0.20	0.0	0.0	0.3	33	90		
730614		0.1	0.000	0.000	2.8	0.01	0.10	0.0	0.0	0.2	20	47		
730306		0.0	0.000	0.000	1.6	0.04	0.10	0.0	0.0	0.2	32	79		
721227			0.000	0.000	1.2	0.01	0.10	0.0	0.0	0.2	22	67		
720913		0.0	0.000	0.000	1.8	0.06	0.35	0.0	0.0	0.3	34	90		
720808		0.0	0.000	0.000	2.4	0.05	0.18	0.0	0.0	0.2	28	74		
720619		0.0	0.000	0.000	11.0	0.05	0.67	0.0	0.2	0.2	18	60		
720322				0.000	2.4		0.17			0.2	21	65		
720307			0.010	0.000	4.1	0.06	0.08	0.0	0.2	0.1	22	69		
700727		0.0	0.000	0.000	0.1	0.00	0.10	0.0	0.1	0.2	28	31	248	180
690825			0.000		0.0	0.00				0.0				
690818		0.0	0.000	0.000	0.0	0.00		0.0	0.0	0.3				
690811			0.000		0.0	0.00				0.0				
690804			0.000		0.0	0.00				0.0				
690728			0.000		0.0	0.00				0.0				
690722			0.000		0.0	0.00				0.0				
690715			0.000		0.0	0.00				0.0				
690707			0.000		0.0	0.00				0.0				
680826						0.00								
680805		0.0	0.000	0.000	2.6		0.20	0.0	0.1	0.1	20	13	164	128
680304											68	33	320	220
671009											32			
670925											34			
670911		0.5	0.000	0.000	0.2	0.00	0.10	0.0	0.0	0.3	34	27	360	196
670828											36			
670821											32			
670814											28			
670724											33			
670717											39			
670710	5										28	28	232	164
670626											26	70	278	170
670619											24	53	254	160
670612											20	60	262	168
670605	4										28	29	252	192
670522											22	40	202	134
670515											21	42	200	126
670508	3										20	23	212	138
670501	2										24	26	232	164

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

DATE	SUSPENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROR (MG/L)
740904		0.000	0.1	0.00	0.00		0.00		0.00	0.000		
740605		0.001	0.2	0.00	0.00		0.21		0.00	0.000		
740321		0.001	0.2	0.00	0.00		0.20		0.00	0.000		
731004		0.000	0.2	0.00	0.00		0.00		0.00	0.000		
730614		0.000	0.2	0.00	0.00		0.00		0.00	0.000		
730306		0.000	0.2	0.00	0.00		0.08		0.00	0.000		
721227				0.00	0.00		0.06					
720913		0.000	0.1	0.00	0.00		0.10		0.00	0.000		
720808		0.000	0.1	0.00	0.00	0.00	0.05		0.00	0.000		
720619				0.00	0.00		0.15			0.000		
720322							0.12	0.10				
720307				0.00	0.00	0.00	0.11	0.12			0	
700727				0.00	0.00		0.00					
690818		0.000		0.00	0.00		0.03					
680805		0.000		0.00	0.00		0.15					
670911		0.000		0.00	0.00		0.10					

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740904		21.7	1.4	7.3	0.380		0.005	760	0.09	1.2	350		0.40	
740814		26.7	2.4	7.7	0.210		0.010	380	0.12	1.1	533		0.20	
740729		27.8	3.2	7.1	0.170		0.000	700	0.00	6.7	600	0.3	0.80	
740618		21.1	7.3	7.7	0.350		0.000	2600	0.10	2.9	550		0.70	
740516		19.4	8.3	8.0	0.260		0.010	4900	0.05	3.4	500		0.40	
740417		12.8	8.5	8.1	0.260		0.005	160	0.10	3.3	433	0.2	0.30	
740326		7.8	11.1	8.2	0.140		0.005	350	0.10	3.0	500		0.50	
740221		5.0	11.4	8.0	0.260		0.005	720	0.25	3.0	483		0.30	
740123		3.9	11.0	7.6	0.280		0.010	1000	0.20	2.5	350	0.2	0.40	
731218		1.1	12.0	8.2	0.180		0.000	1300	0.18	3.1	633		0.40	
731114		9.4	13.0	8.5	0.200		0.005	1100	0.00	1.8	670		0.40	
731030		9.4	10.6	8.5	0.260		0.005	640	0.05	1.6		0.0	0.10	
731004		22.8	8.1	8.2	0.180		0.005	110	0.15	0.7	650		0.40	
730830		28.3	6.7	8.2	0.260		0.000	320	0.10	1.8	500		0.40	
730717		26.7	6.7	8.2	0.280		0.000	870	0.00	2.4	567	0.0	0.50	
730607		22.8	6.6	8.1	0.400		0.005	1800	0.15	3.1	433		0.70	
730509		15.6	7.5	7.9	0.220		0.000	810	0.22	2.3	517		0.60	
730419		13.3	8.6	8.0	0.210		0.007	800	0.25	2.8	467	0.0	0.60	
730306		10.6	10.5	8.2	0.250		0.008	500	0.34	3.0	833		0.80	
730214		2.2	12.1	8.0	0.130		0.006	630	0.38	4.2	567		0.80	
730111			12.3	7.9	0.170		0.000	300	0.25	4.2	467	0.2	0.90	
721228		1.7	11.6	8.0	0.180		0.000	370	0.15	3.5	483		0.70	
721108		10.6	8.2	7.6	0.300		0.005	1300	0.15	3.0	467		0.80	
721003		17.8	6.5	8.0	0.360		0.000	3000	0.18	3.3	467	0.0	0.90	
720919		25.6		8.1	0.210		0.000	1100	0.34	1.0	550	0.4	0.40	
720828		25.6	8.0	8.1	0.130		0.005	1600	0.22	0.3	567	0.2	0.60	
720727		27.2	6.1	8.2	0.090		0.000	70	0.08	3.2	533		0.90	55
720619		24.4	5.8	7.9	0.110		0.015	1400	1.50	4.2	483		0.80	
720516		17.8	7.2	7.9	0.090		0.000	650	0.13	1.6	467		0.90	65
720424		14.4	6.5	7.5	0.100		0.010	100	0.57	2.7	300		7.30	200
720322		7.2	9.5	8.0	0.070		0.000	270	0.20	3.5	467		0.90	80
720307		7.8	11.0	8.0	0.090		0.000	300	0.20	2.8	522		0.70	110
720112		5.6	11.0	8.0	0.200		0.000	360	0.49	4.6	580			

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740729		0.0	0.000	0.000	0.4	0.03	0.10	0.0	0.0	0.2	20	100		
740417		0.0	0.000	0.000	3.2	0.15	0.10	0.0	0.0	0.1	15	48		
740123		0.0	0.035	0.000	3.6	0.02	0.10	0.0	0.0	0.2	17	48		
731030		0.0	0.000	0.000	0.7	0.01	0.15	0.0	0.0	0.3	29	85		
730717		0.0	0.000	0.000	2.5	0.02	0.20	0.0	0.0	0.2	23	69		
730419		0.0	0.000	0.000	2.1	0.07	0.17	0.0	0.0	0.2	22	59		
730111			0.000	0.000	1.7	0.01	0.08		0.0	0.2	20	45		
721003		0.1	0.000	0.000	3.8	0.02	0.35	0.0	0.1	0.2	19	63		
720727		0.0	0.000	0.000	0.8	0.04	0.16	0.0	0.0	0.2	24	67		
720516		0.0	0.000	0.000	2.1	0.03	0.20	0.0	0.0	0.2	17	70		
720424		0.0	0.000	0.000	4.1	1.20	0.14	0.0	0.5	0.2	38	55		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740729		0.000	0.2	0.00	0.00		0.00		0.00	0.000		
740417		0.000	0.1	0.00	0.00		0.10		0.00	0.000		
740123		0.000	0.1	0.00	0.00		0.02		0.00	0.000		
731030		0.000	0.0	0.00	0.00		0.00		0.00	0.000		
730717		0.000	0.3	0.00	0.00		0.00		0.00	0.000		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOE (MG/L)
730419		0.000	0.1	0.00	0.01		0.10		0.00	0.000		
730111				0.00	0.00		0.08					
721003		0.000	0.2	0.00	0.00		0.06		0.00	0.000		
720727		0.000	0.2	0.00	0.00	0.00	0.06		0.00	0.000		
720516				0.00	0.00		0.10			0.000		
720424				0.00	0.00		0.30			0.000		

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
740925	4400	15.0	14.2	8.4	0.220		0.015	160	0.05	1.2	583		0.40	
740820	5080	27.2	2.9	6.2	0.240		0.020	150	0.05	1.4	567	0.0	0.20	
740709	10900	27.8	5.9	7.7	0.160		0.010	40	0.15	3.4	583		0.40	
740617	17500	21.1	8.0	7.9	0.280		0.000	400	0.10	3.8	617		0.70	
740516	26900	17.2	8.2	7.8	0.580		0.005	4600	0.15	4.0	467	0.0	0.50	
740326	19400	5.0	11.0	8.0	0.120		0.005	240	0.15	4.0	583		0.50	
740220	29300	5.0	11.6	8.1	0.240		0.005	1400	0.25	3.1	483	0.2	0.40	
740130	71200	5.0	11.8	8.0	0.280		0.000	110	0.40	4.5	367		0.50	
731218	8980	1.1	11.8	8.2	0.180		0.005	300	0.18	3.5	633		0.40	
731129	21500	8.9	10.9	8.1	0.360		0.010	1100	0.20	3.6	483	0.0	0.50	
731030	3660	9.4	9.3	8.3	0.200		0.010	100	0.07	2.0			0.40	
731003	4000	20.6	7.5	8.3	0.180		0.005	80	0.15	1.0	633		0.30	
730830	6970	26.7	6.0	8.1	0.280		0.000	70	0.10	2.3	483		0.50	
730717	5760	26.1	8.6	8.3	0.160		0.000	270	0.10	2.5	617		0.50	
730607	26800	22.8	5.0	7.8	0.900		0.017	2500	0.30	3.5	400		0.70	
730509	20200	15.0	7.8	8.0	0.180		0.000	110	0.22	1.2	317		0.70	
730419	26800	12.8	9.0	8.1	0.150		0.007	600	0.25	3.4	533		0.70	
730306	12200	10.6	10.1	8.2	0.180		0.000	100	0.24	3.3	617		0.80	
730214	15900	1.7	12.1	7.9	0.120		0.000	290	0.30	4.5	600		1.00	
730111	43400		12.3	7.9	0.130		0.000	610	0.20	4.7	533		1.00	
721228	26000	2.8	11.8	8.1	0.160		0.000	570	0.25	4.0	550		0.80	
721108	33500	9.4	8.8	7.9	0.220		0.007	600	0.14	4.7	533		1.00	
721003	24600	15.6	7.4	7.8	0.170		0.000	4000	0.24	4.5	500	0.0	1.00	
720919	13400	23.9		8.0	0.290		0.010	530	0.13	2.6	450	0.0	0.80	
720828	3430	26.7	8.2	8.3	0.160		0.000	1300	0.25	0.5	533	0.0	0.50	
720727	7320	28.3	5.7	8.1	0.130		0.000	280	0.15	4.5	550	0.0	1.10	
720619	21200	23.9	5.8	8.2	0.110		0.000	700	1.50	6.0	517		1.00	260
720516	16400	18.3	7.3	8.3	0.120		0.000	160	0.15	2.6	533		1.00	
720424	45300	12.8	7.3	7.6	0.090		0.000	300	0.74	4.2	267		0.80	
720322	10600	5.6	9.0	7.6	0.290		0.000	170	0.20	5.7	550		1.10	70
720308	13000	4.4	11.9	8.5	0.090		0.000	1100	0.20	3.9	827		0.80	50
720119	6230	4.4	10.6	8.0	0.110		0.008	1680	0.60	5.0	560	0.0		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740820		0.0	0.000	0.000	1.1	0.00	0.14	0.0	0.0	0.2	20	70		
740516		0.1	0.000	0.000	5.2	0.07	0.29	0.0	0.1	0.2	17	440		
740220		0.0	0.000	0.000	2.7	0.01	0.02	0.0	0.0	0.2	13	57		
731129		0.0	0.000	0.000	3.6	0.02	0.25	0.0	0.0	0.2	21	72		
721108			0.000	0.000	1.4	0.05	0.10	0.0	0.1					
720619		0.0	0.000	0.000	5.7	0.04	0.37	0.0	0.1	0.2	19	65		
720322				0.000	2.2		0.12			0.2	26			
720308				0.000	1.1		0.03			0.3	30	81		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740820		0.000	0.2	0.00	0.00		0.00		0.00	0.000		
740516		0.002	0.1	0.00	0.00		0.00		0.00	0.000		
740220		0.000	0.2	0.00	0.00		0.00		0.00	0.000		
731129		0.000	0.1	0.00	0.00		0.00		0.00	0.000		
721108				0.00	0.00		0.13					
720619				0.00	0.00		0.17			0.000		
720322							0.06	0.10				
720308							0.06	0.06				

B 06 WABASH RIVER
INDIANA ROUTE 154 BRIDGE AT HUTSONVILLE
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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
740925	3880	13.3	12.9	8.2	0.230		0.005	800	0.10	1.5		0.0	0.40	
740819	4520	28.9	3.0	8.2	0.210		0.010	820	0.05	1.4	533		0.10	
740710	8530	27.2	6.3	7.7	0.180		0.005	4300	0.20	3.4	583		0.30	
740618	18400	21.1	7.0	7.5	1.100		0.000	1700	0.30	3.5	400	0.2	0.60	
740515	19800	18.3	8.7	7.8	0.500		0.005	20000	0.15	4.0	450		0.40	
740401	27800	8.3	9.7	8.1	0.550		0.005	2400	0.15	4.0	417	0.5	0.40	
740220	27600	3.9	11.6	7.9	0.260		0.005	1500	0.20	3.0	500		0.40	
740129	79200	5.0	12.1	8.0	0.280		0.000	140	0.40	4.6	383		0.50	
731217	8670	3.3	12.9	8.4	0.160		0.000	20	0.20	3.6	600	0.0	0.50	
731129	20700	10.0	9.1	8.2	0.440		0.000	2300	0.20	4.2	500		0.60	
731025	4210	18.3	10.0	8.5	0.260		0.000	20	0.00	1.7			0.20	
730911	4290	25.0	12.8	8.5	0.180		0.000	350	0.00	0.7	700		0.20	
730823	11500	25.6	6.2	8.0	0.260		0.005	1000	0.20	2.4	500		0.30	
730725	14900	27.2	4.0	7.7	0.430		0.000	800	0.20	2.2	417		0.50	
730614	22100	25.6	5.1	8.1	0.310		0.000	8000	0.10	4.2	533	0.0	0.90	
730515	11200	16.7	8.9	8.3	0.170		0.000	100	0.30	2.8	583		0.40	
730416	22900	11.7	9.7	8.1	0.150		0.000	600	0.10	3.2	500		0.80	
730307	14600	12.8	9.1	7.8	0.500		0.000	800	0.30	3.2	550	0.0	0.90	
730201	23500	5.0	12.1	8.1	0.120		0.000	850	0.20	4.5	600		1.10	
730111	37300	1.1	11.8	7.9	0.120		0.002	2800	0.20	4.6	550		1.10	
721101	18300	10.0	8.8	8.2	0.200		0.000	1400	0.20	3.8	600	0.5	1.00	
720921	10400	25.0	5.4	8.2	0.120		0.003	760	0.10	2.7	483	0.0	0.90	
720829	4010	27.2	5.8	8.6	0.090		0.005	200	0.20	0.1	567	0.0	0.40	25
720808	4640	23.9	7.4	8.3	0.080		0.002	340	0.10	1.0	533	0.0	0.80	40
720713	5120	28.9		8.4	1.450		0.008	10	0.00	3.0	633	0.0	1.10	
720619	20300	23.9	7.1	8.0	0.150		0.007	1400	0.00	6.9	2450	0.0	1.60	
720503	37500	15.6	7.6	7.4	0.150		0.005	2800	0.00	4.6	467	0.0	1.10	
720411	26300	13.9	10.0	7.8	0.290		0.005	300	0.10	6.9	467	0.0	0.80	100
720119	5670	5.0	10.7	8.0	0.180		0.014	2200	0.54	5.0	580	0.0		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740925		0.0	0.010	0.000	1.4	0.01	0.20	0.0	0.0	0.3	38	90		
740618		0.2	0.010	0.000	4.8	0.03	0.66	0.0	0.1	0.3	13	30		
740401		0.0	0.000	0.000	8.0	0.09	0.20	0.0	0.0	0.2	15	50		
731217		0.0	0.000	0.000	0.7	0.00	0.04	0.0	0.0	0.3	24	69		
730614		0.1	0.000	0.000	1.6	0.00	0.19	0.0	0.2	0.3	18	56		
730307		0.0	0.000		7.1	0.00	0.22	0.0	0.0	0.3	19	65		
720921		0.1	0.000	0.000	1.1	0.02	0.16	0.0	0.0	0.3	20	65		
720829		0.1	0.000	0.000	0.8	0.04	0.30	0.0	0.1	0.6	28	91		
720808		0.3	0.010	0.000	1.5	0.38	0.16	0.0	0.1	0.4	22	78		
720411			0.000	0.000	0.8	0.00	0.05	0.0	0.3	0.2	23	52		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOR (MG/L)
740925		0.000	0.2	0.00	0.00		0.00		0.00	0.000		465
740618		0.006	0.2	0.00	0.00		0.04		0.00	0.000		
740401		0.002	0.1	0.00	0.00		0.20		0.00	0.000		
731217		0.000	0.6	0.00	0.00	0.00	0.00		0.00	0.000		
730614		0.000	0.4	0.00	0.00	0.00	0.00		0.00	0.000		
730307		0.000	0.1	0.00	0.00	0.00	0.00		0.00	0.000		
720921		0.000	0.2	0.00	0.00	0.00	0.19		0.00	0.000		
720829		0.000	0.1	0.00	0.00	0.00	0.40		0.00	0.000		
720808		0.000	0.1	0.00	0.00	0.00	0.48		0.00	0.000		
720411				0.00	0.00	0.00	0.04					

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740925	0.22	12.8	7.9	8.1	0.130		0.005	540	0.10	1.4	567	0.0	0.40	
740822	11	23.3	2.6	7.2	0.230		0.010	870	0.16	0.7	467		0.20	
740709	13	25.0	5.0	7.3	0.090		0.010	400	0.15	1.9	783		0.30	
740617	39	18.3	6.8	7.6	0.210		0.000	2200	0.20	3.0	650	0.0	0.70	
740516	458	18.3	6.8	7.5	0.350		0.005	10000	0.25	2.0	450		0.30	
740422	160	15.6	6.8	7.6	0.220		0.005	16000	0.30	1.3	717		0.40	
740326	223	5.6	12.0	7.8	0.080		0.010	280	0.10	1.3	583	0.0	0.50	
740221	941	5.0	11.0	7.2	0.520		0.010	2400	0.55	1.5	283		0.20	
740123	1620	3.3	9.5	7.3	0.260		0.010	800	0.30	1.5	300		0.40	
731218	18	0.6	12.4	7.9	0.080		0.005	100	0.18	1.4	850	0.3	0.40	
731114	1.5	8.9	8.8	7.7	0.100		0.015	420	0.05	0.9	830		0.50	
731030	0.00	8.9	7.5	7.7	0.060		0.010	810	0.05	1.1			0.10	
731004	3.9	20.0	3.9	7.6	0.120		0.048	11000	0.20	0.8	3333		1.60	
730830	2.6	27.2	11.1	8.2	0.160		0.010	7000	0.15	0.8	1667		1.00	
730717	7.9	26.1	6.0	7.3	0.180		0.000	450	0.30	1.0	717		0.80	
730607	990	23.3	5.9	7.6	0.400		0.017	1200	0.40	1.4	267		0.50	
730509	889	15.6	8.5	7.2	0.380		0.010	11000	0.39	0.6	250		0.50	
730419	877	13.9	7.4	7.7	0.260		0.015	5300	0.38	1.6	400		0.60	
730306	655	11.1	8.4	7.6	0.400		0.017	1000	0.51	1.9	450		0.60	
730214	167	2.2	12.5	7.8	0.090		0.006	210	0.35	3.2	817		0.90	
730111	45	0.0	12.1	7.7	0.130		0.000	180	0.28	3.0	667		0.80	
721228	155	1.1	12.2	7.8	0.110		0.007	340	0.15	4.0	567		0.90	
721108	548	10.6	6.7	7.5	0.420		0.014	5400	0.35	0.6	417		0.70	
721003	10	14.4	6.1	7.7	0.200		0.013	12000	0.56	0.7	750	0.0	0.90	
720919	1.4	23.3		7.7	0.210		0.013	6600	0.28	0.6	533	0.4	0.60	
720828	8.5	20.0	4.6	7.8	0.060		0.005	760	0.17	0.7	650		0.60	13
720727	11	22.8	4.8	7.9	0.350		0.010	3300	0.15	0.7	617	0.0	0.60	
720619	15	21.7	6.3	8.1	0.050		0.000	1000	1.00	4.1	650		1.00	
720516	22	15.6	8.3	8.0	0.020		0.000	1100	0.15	1.1	800		0.80	20
720424	3240	14.4	4.7	7.4	0.150		0.010	200	0.53	0.8	200		0.50	
720322	52	7.2	12.1	7.9	0.020		0.000	10	0.10	2.7	850		0.80	21
720307	86	7.2	10.6	8.0	0.050		0.000	370	0.20	4.4	588	0.0	1.00	90
711207	2.9	8.3	6.3	7.7	2.708	34		5400	0.40	0.2				
711102		18.3	5.2	8.0	0.030	20		520	0.20	0.0				
711004	0.31	21.1		7.8	0.653	17		36400	0.30	0.0				
580924	10	20.0	4.5	7.4										110

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740925		0.0	0.000	0.000	0.8	0.01	0.41	0.0	0.0	0.2	72	50		
740617		0.0	0.000	0.000	1.8	0.01	0.63	0.0	0.0	0.3	54	60		
740326		0.0	0.000	0.000	1.1	0.02	0.20	0.0	0.0	0.1	54	95		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLUORIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
731218		0.0	0.000	0.000	0.8	0.01	0.42	0.0	0.0	0.1	118	110		
720919		0.1	0.000	0.000	1.7	0.04	1.08	0.0	0.1	0.2	70	48		
720828		0.0	0.000	0.000	0.4	0.01	0.27	0.0	0.0	0.1	26	48		
720516		0.0	0.000	0.000	0.7	0.01	0.23	0.0	0.0	0.1	71	130		
720307			0.010	0.000	3.7	0.05	0.22	0.0	0.1	0.2	87	95		
711207											440			
711102											783			
580924											100		212	160

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

DATE	SUSPENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOD (MG/L)
740925		0.000	0.0	0.00	0.00		0.00		0.00	0.000		
740617		0.001	0.2	0.00	0.00		0.00		0.00	0.000		
740326		0.000	0.1	0.00	0.00		0.00		0.00	0.000		
731218			0.0	0.00	0.00		0.00			0.000		
720919		0.000	0.2	0.00	0.00		0.07		0.00	0.000		
720828		0.000	0.3	0.00	0.00	0.00	0.08		0.00	0.000		
720516				0.00	0.00		0.08			0.000		
720307				0.00	0.00	0.00	0.14	0.55			0	

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

DATE	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBIDITY UNITS
740925		14.4	9.5	7.6	0.150		0.005	2000	0.05	0.9	650		0.30	
740822		26.1	2.6	7.8	0.310		0.000	1800	0.11	2.7	417		0.20	
740709		25.6	7.1	7.6	0.220		0.005	4500	0.05	4.7	583	0.0	0.40	
740617		21.7	7.0	7.3	0.600		0.000	3600	0.30	1.9	333		0.50	
740516		17.8	7.1	7.5	0.660		0.010	11000	0.20	2.0	300		0.20	
740326		4.4	11.6	7.9	0.160		0.005	760	0.10	4.0	550		0.50	
740220		5.0	10.9	7.9	0.520		0.005	2400	0.35	2.5	433		0.30	
731218		1.1	14.2	8.2	0.140		0.005	4300	0.16	5.0	667		0.50	
731129		7.8	8.6	7.6	0.550		0.010	2500	0.30	1.5	350		0.30	
731030		8.9	9.7	8.2	0.240		0.015	27000	0.93	0.4		0.0	0.20	
731004		20.0	6.1	8.1	0.240		0.012	24000	0.30	0.2	833		0.60	
730830		25.6	6.5	8.2			0.000	100	0.20	0.9	550		0.30	
730717		25.6	8.0	8.3	0.200		0.015	29000	0.10	2.6	583	0.5	0.60	
730607		22.2	5.7	7.7	0.950		0.017	3200	0.50	3.0	267		0.50	
730509		15.0	7.5	7.9	0.230		0.000	5400	0.25	1.1	517		0.80	
730419		12.8	7.9	7.9	0.330		0.007	1100	0.35	2.6	417	0.0	0.70	
730306		10.0	4.5	7.6	0.950		0.012	200	0.69	1.2	300		0.40	
730214		2.2	12.3	8.0	0.100		0.000	230	0.38	5.5	633		1.00	
730111		0.0	11.0	7.6	0.190		0.007	290	0.25	4.2	417	0.0	0.80	
721228		1.7	12.0	7.9	0.190		0.008	620	0.20	3.8	483		0.80	
721108		10.0	9.2	7.7	0.370		0.010	1800	0.20	3.5	433		0.90	
721003		16.7	8.5	8.0	0.290		0.000	5000	0.20	6.0	550	0.0	1.20	
720919		25.6		8.1	0.240		0.010	2000	0.23	2.3	400	0.2	0.70	
720828		25.6	6.2	8.1	0.250		0.005	140000	0.40	0.4	378		0.70	70
720727		28.3	5.9	8.0	0.090		0.010	8000	0.35	0.3	533	0.0	0.80	
720619		25.6	10.2	8.4	0.090		0.010	30	1.00	2.4	583		0.80	
720516		18.3	9.9	8.5	0.060		0.000	640	0.13	0.3	633		1.40	40
720424		15.0	6.1	7.5	0.120		0.010	600	0.80	2.1	250		0.50	
720322		7.2	11.2	8.4	0.360		0.020	260	0.10	2.8	683		0.90	40
720308		4.4	11.6	8.3	0.120		0.000	1300	0.20	3.1	708		0.80	40
720113		2.8	11.7	8.1	0.250		0.000	230	0.43	6.5	670			
711207		7.8	7.0	7.9	0.392	38		10	0.60	0.2				
711102		18.3	6.5	8.1	0.033	15		18000	1.00	0.0				

BE 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711004		23.9		8.4	0.489	13		7400	0.90	0.0				
710728		23.9	9.4	7.9		24				0.7			2.10	100
710621		26.1	5.4	8.0		38				0.9			0.10	600
710518		22.8	7.7	7.6		36				1.1			2.40	130
710407		10.0	17.2	8.4		23				0.5			1.80	30
710315		10.6	10.0	7.3		11				0.9			0.10	100
710223		3.3	11.7	7.1		43				0.5			1.70	600
710125		2.2	12.9	8.0		12				0.5			0.10	25
701201		11.7	10.7	8.0		34				0.2			1.30	20
701109		11.1	9.8	8.1		12				0.2			0.10	25
700928		20.6	8.7	8.1		32				0.0			0.60	80
700831		27.8	6.4	7.9		20				0.0			0.10	55
700729		30.0	6.5	7.7		20	0.000	1800		0.0			0.70	120
700610		25.6	11.2	8.3		15				0.7			1.50	110
700519		20.6	7.1	7.7		13				0.7			0.00	200
700421		14.4	7.3	7.4		32				0.2			0.90	440
700310		9.4	10.7	7.9		10				0.7			1.50	65
700224		5.0	12.1	7.6		12				0.7			0.10	60
700120		0.6	12.7	7.6		15				0.5			1.30	25
691112		10.6	10.0	7.6		12				0.7			1.00	70
690930		20.0	8.0	8.1		13				0.7			0.90	120
690922		20.0	7.1	7.4		15				0.5			0.10	250
690825		24.4	6.5	7.4		22				0.0			0.00	130
690806		27.2	9.4	8.1		17	0.000	170		0.2			1.00	140
690715		27.2	5.5	7.8		16				0.7			0.10	270
690617		20.0	5.8	7.3		21				0.5			0.60	500
690510		16.1	11.6	7.9		14				3.2			0.50	90
690428		15.6	7.7	7.4		12				2.5			0.00	170
690409		15.0	8.7	7.6		27				3.4			0.90	270
690310		4.4	11.7	7.6		10				3.2			0.10	25
690217		1.7	11.7	7.6		15				3.4			0.00	140
690114		0.6	11.4	7.8		11				5.2			0.60	18
681216		1.7	13.1	7.4		16				1.1			0.20	25
681110		7.2	10.6	8.1		6				0.5			0.30	32
681022		16.1	8.3	7.6		20				0.0			0.20	60
680903		23.9	7.8	7.2		54				0.0			0.20	80
680813		23.9	5.8	7.7	0.326	16	0.000	2000	0.10	1.4			0.20	350
680625		24.4	5.5	7.6		15				1.8			0.30	550
680610		25.6	6.4	7.3		27				3.2			0.20	140
680514		18.3	7.0	7.8		16				2.9			0.30	230
680403		12.8	8.3	7.5		18				2.3			0.40	150
671219		5.0	10.1	7.4		15				3.2			0.10	130
671108		6.7	10.7	7.8		22				0.0			0.20	20
670927		18.3	7.8	8.0	0.163	17	0.004		1.90	0.2			0.20	100
670815		25.0		7.9		16				0.2			0.20	130
670705		23.3		8.5									0.30	110
670510		15.0	7.6	7.5									0.10	310
670308		2.2	12.7	7.7									0.40	350
670125		9.4	10.2	7.9									0.30	40
661130		6.1	8.7	7.5									0.20	310
661019		12.8	6.7	7.7									0.40	100
660824		25.6	12.8	8.2									0.30	95
660629		28.3	7.5	7.9									0.00	90
660517		16.7	8.4	7.1									0.20	85
660323		13.3	14.9	8.5									0.30	100
660124		0.0	13.0	8.0									0.20	12
651123		7.8	7.8	8.5									0.30	30
650908		23.9	5.0	8.0									0.10	140
650628				8.4			0.000							
650525		25.6	7.2	7.7									0.20	55
650426		17.2	6.4	7.3									0.20	260
650316		5.6	11.5	8.0									0.10	55
641229		4.4	10.5	7.8									0.60	8
641020		9.4	5.2	7.6									0.40	6
640804		28.9	4.0	7.8									0.10	100
640616		21.7	6.1											
630827		23.3	5.8	8.1										180
630528		21.1	9.0	8.4									0.20	90
620821		26.7	5.0	7.7									0.00	55
620214		4.4	11.1	7.6									0.20	80
610905		26.7	7.8	8.2										30

BE 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
610116		3.3	9.3	7.7										30
591117		2.2	8.8	7.3										440
590728		26.7	1.8	7.7			9.999							65
590603		20.0	5.2	8.0										330
580624		21.1	5.6	8.2			0.000		3.00	0.5				70

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740709		0.0	0.000	0.000	3.0	0.00	0.28	0.0	0.0	0.2	20	25		
731000		0.0	0.000	0.000	0.6	0.02	0.38	0.0	0.0	0.2	53	59		
730717		0.0	0.010	0.000	1.1	0.02	0.20	0.0	0.0	0.2	32	55		
730419		0.0	0.000	0.000	5.0	0.10	0.30	0.0	0.0	0.2	35	51		
730111			0.000	0.000	2.3	0.00	0.08		0.0	0.2	24	52		
721003		0.1	0.000	0.000	2.1	0.02	0.20	0.0	0.0	0.2	27	59		
720828		0.0	0.000	0.000	2.8	0.02	0.32	0.0	0.1	0.1	42	24		
720516		0.0	0.000	0.000	1.2	0.03	0.19	0.0	0.0	0.2	40	90		
720322				0.000	1.3		0.35			0.2	67	70		
720308				0.005	1.4		0.09			0.2	60	69		
711207											445			
710125											113	59	340	224
700729		0.0	0.000	0.000	0.2	0.00	0.20	0.0	0.0	0.2	47	43	236	200
700120											106	85	288	198
690825			0.000		0.0	0.00				0.0				
690806		0.0	0.000	0.000	0.0	0.10		0.0	0.0	0.4				
690715			0.000		0.0	0.00				0.0				
681216											85	60	278	184
680813		0.0	0.000	0.000	0.9		0.30	0.0		0.2	22	12	128	100
670927		0.0	0.000	0.000	0.5	0.00	0.40	0.0	0.0	0.2	110	15	260	228
670705	6										40	18	204	192
670510	3										17	12	200	124
670308	3										28	14	166	60
670125											96	54	312	232
661130	5										43	13	162	102
661019	3										100	45	380	196
660824	6										60	11	240	188
660629	7										44	25	256	184
660517	2										42	28	344	212
660323	10										64	36	280	176
660124	2										74	65	388	240
651123	5										84	45	244	212
650908	6										160	262	460	312
650628											40			
650525	7										68	34	260	200
650426	4										34	19	164	96
650316	1										54	58	208	172
641229	4										169	72	340	268
641020	3										56	56	270	240
640804	2										46	137	328	292
640616	5													
630827	9										42	293	330	136
630528	8										50	38	244	192
620821	4										39	23	220	212
620214	2										40	39	208	142
610905	8										76	27	265	260
610116	4											85	270	188
591117	7										92		120	76
590728	5										145		192	142
590603	4										4		124	110
580624	0				2.8		1.50			0.2	27	49	195	208

BE 01 EMBARRAS RIVER
TOWNSHIP ROAD 1 MILE EAST OF BILLET —CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740709		0.000	0.1			0.00	0.00		0.00	0.000		
731030		0.000	0.0	0.00	0.00		0.00		0.00	0.000		
730717		0.000	0.3	0.00	0.00		0.02		0.00	0.000		
730419		0.000	0.1	0.00	0.01		0.25		0.00	0.000		
730111				0.00	0.00		0.01					
721003		0.000	0.2	0.00	0.00		0.07		0.00	0.000		
720828		0.000	0.0	0.00	0.00	0.00	0.15		0.00	0.000		
720516				0.00	0.00		0.07			0.000		
720322							0.09	0.00				
720308							0.10	0.24				
700729				0.00	0.00		0.00					
690806		0.000		0.00	0.00		0.03					
680813		0.000		0.00	0.00							
670927		0.000		0.00	0.00		0.20					

BE 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740923		13.9	8.4	7.7	0.290		0.005	2000	0.08	0.7	333		0.30	
740820		26.7	2.4	7.8	0.330		0.020	1200	0.10	2.4	317		0.20	
740710		26.7	7.0	7.8	0.230		0.005	0	0.10	0.0	583	0.2	0.40	
740617		21.7	8.5	7.4	0.400		0.000	3300	0.20	2.4	383		0.60	
740516		17.8	6.5	7.5	0.640		0.005	14000	0.20	2.0	300		0.30	
740401		6.7	9.5	8.0	0.052		0.005	1400	0.45	2.9	367		0.20	
740220		5.0	11.0	7.8	0.560		0.005	1300	0.45	2.7	417		0.30	
740129		6.7	11.2	7.8	0.390		0.000	170	0.80	3.4	283	0.0	0.30	
731218		1.1	13.3	8.2	0.140		0.000	100	0.08	4.5	650		0.50	
731129		7.8	8.4	7.6	0.530		0.010	2300	0.30	1.5	350		0.40	
731030		8.9	11.4	8.3	0.160		0.005	90	0.07	0.5		0.0	0.20	
731004		20.0	7.0	8.2	0.200		0.005	310	0.30	0.0	650		0.20	
730830		26.7	7.9	8.3	0.260		0.000	10	0.15	1.0	517		0.30	
730716		26.1	10.1	8.4	0.260		0.015	260	0.20	2.6	567		0.50	
730531		18.9	11.1	8.5	0.200		0.015	110	0.15	2.0	600		0.70	
730509		14.4	7.8	7.9	0.370		0.000	4400	0.22	1.2	533		0.80	
730419		12.8	8.7	8.0	0.190		0.007	500	0.31	3.6	500		0.70	
730305		10.6	8.2	7.7	0.510		0.013	3800	0.50	1.5	400		0.60	
730214		2.2	12.6	8.0	0.100		0.006	90	0.26	6.1	650		0.90	
730110		0.6		7.9	0.130		0.005	180	0.30	5.0	467		1.10	
721001		13.9	9.0	8.2	0.340		0.010	25000	0.15	3.4	600	0.4	1.00	
720828		26.7	9.3	8.5	0.380		0.003	160	0.10	0.0	483	0.0	0.30	
720809		23.3	6.6	7.8	0.180		0.002	470	0.30	0.4	300	1.0	0.50	
720713		27.2		8.0	0.150		0.010	0	0.20	4.1	400	0.0	1.20	
720619		28.9		8.4	0.050		0.006	20	0.00	2.3	1250	0.0	0.70	40
720517		21.1	14.3	8.4	0.140		0.015	0	0.10	4.7	600	0.0	1.40	
720411		13.9	10.0	8.1	0.250		0.003	220	0.20	5.0	483		0.60	
720229		11.7	10.8	8.2	0.240		0.011	300	0.50	3.5	533	0.0	0.80	59
720113		2.8	11.8	8.1	0.255		0.000	50	0.32	7.7	620			
711208		7.8	13.1	8.3	0.294	10		10	0.60	0.0				
711103		13.3	8.7	8.3	0.033	8		20	0.10	0.0				
711005		19.4		8.4	0.424	0		40	0.30	0.0				
710729		22.2	8.2	7.6		16				0.7			1.60	130
710519		21.1	7.3	8.1		38				1.4			2.10	130
710408		9.4	13.7	8.3		27				0.7			1.50	28
710224		2.2	12.0	7.4		49				0.5			1.60	650
701202		10.0	10.1	8.2		32				0.2			1.50	28
700929		17.2	8.5	8.2		32				0.0			0.60	110
700730		28.3	5.9	7.8		19	0.000	100		0.0			0.80	170
700611		24.4	9.0	8.4		20				0.9			1.60	130
700422		14.4	7.0	7.4		32				0.5			0.90	400
700311		6.7	11.4	8.0		10				0.9			1.50	70
700121		0.6	13.2	7.6		12				0.7			1.30	20
691113		10.0	10.0	7.6		14				0.7			1.20	60
691001		19.4	9.5	8.2		15				0.7			1.10	110

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
690807		25.0	7.6	7.9		14	0.000	60		0.2			1.10	100
690618		19.4	8.7	7.7		19				0.7			0.90	450
690514		15.0	8.6	7.8		18				2.3			0.50	320
690410		15.0	7.4	7.4		38		11000		2.7			0.90	600
690212		2.2	11.6	7.5		22				3.6			0.90	400
690115		0.0	11.4	7.7		9				5.4			0.70	20
681114		6.1	12.4	8.2		14				0.0			0.20	35
680814		23.0	6.4	7.3	0.294	15	0.000	2400	0.10	1.4			0.20	330
680626		23.9	5.5	7.6		26				2.7			0.40	700
680515		20.0	7.4	8.2		13				3.4			0.30	130
680409		13.9	8.0	7.6		18				1.1			0.30	500
680208		3.3	11.5	7.3		18				3.4			0.30	200
671220		5.0	10.6	7.6		14				3.2			0.10	150
671109		5.6	10.9	7.8		20				0.0			0.20	20
670928		14.4	8.4	8.0	0.065	11	0.003		1.10	0.0			0.20	85
670816		22.8		7.9		11							0.30	140
670706		21.1	11.1	8.3									0.30	70
670511		17.2	7.3	7.6									0.10	250
670309		3.9	12.4	7.6									0.50	250
670125		9.4	10.7	7.9									0.30	40
661201		4.4	10.5	7.6									0.30	270
661020		8.9	9.4	7.8									0.40	100
660824		25.6	9.3	8.2									0.10	85
660630		26.7	6.8	7.8									0.00	120
660517		16.7	8.7	7.7									0.20	70
660324		8.9	11.0	8.2									0.20	70
660125		0.0	13.5	7.8									0.20	8
651123		7.2	10.8	8.5									0.20	70
650908		24.4	8.9	8.1									0.10	145
650525		25.6	7.9	7.9									0.10	30
650316		5.6	12.4	8.1									0.20	55
641229		3.3	12.9	8.0									0.40	9
641020		10.0	9.8	7.8									0.10	15
640804		30.0	5.3	7.8									0.00	75
630827		23.3	6.7	8.1									0.00	200
630528		21.1	8.2	8.2									0.10	170
620821		26.7		7.8									0.00	60
620214		4.4	11.8	7.6									0.20	70
610906		25.6	7.8	8.1									0.00	60
610117		1.1	12.4	7.9									0.50	20
591117		2.2	9.9	7.3										420
590728		25.6	6.5	8.2			0.900							100

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740710		0.0	0.000	0.000	1.3	0.00	0.18	0.0	0.0	0.2	20	25		
740129		0.1	0.000	0.000	4.2	0.00	0.09	0.0	0.0	0.2	17	30		
731030		0.0	0.000	0.000	0.6	0.02	0.35	0.0	0.0	0.2	34	49		
721031		0.1	0.000	0.000	2.2	0.05	0.27	0.0	0.0	0.3	60	48		
720619			0.000	0.000	1.3	0.02	0.20	0.0	0.1	0.0	30	40		
720229			0.000	0.000	1.1	0.00	0.50	0.0	0.0	0.6	81	55		
700730		0.0	0.000	0.000	0.6	0.00	0.10	0.0	0.0	0.2	33	35	160	144
700121											98	83	356	258
690807		0.0	0.000	0.000	0.0	0.00		0.0	0.0	0.3				
680814		0.0	0.000	0.000	1.0		0.30	0.1		0.2	19	10	144	116
671109											102	45	296	204
670928		0.0	0.000	0.000	0.4	0.00	0.30	0.0	0.0	0.2	52	16	304	252
670706	6										40	19	232	192
670511	2										18	14	146	122
670309	2										24	12	156	102
670125											74	49	312	224
661201	3										39	28	182	122
661020	2										95	34	380	224
660824	6										50	9	228	204

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
660630	7										54	31	264	200
660517	2										42	29	348	212
660324	8										76	28	320	208
660125	1										80	85	460	248
651123	8										62	38	312	236
650908	4										34	28	316	244
650525	7										72	46	260	212
650316	1										80	40	284	160
641229	3										85	52	256	284
641020	1										41	34	264	240
640804	3										42	117	320	272
630827	2										12	115	156	92
630528	0										57	38	216	176
620821	3										22	14	224	208
620214	2										33	40	224	154
610906	4										92	25	264	252
610117	2											58	280	232
591117	6										59		98	86
590728	1										39		204	188

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOE (MG/L)
740710		0.000	0.1			0.00	0.00		0.00	0.000		
740129		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
731030		0.000	0.0	0.00	0.00		0.00		0.00	0.000		
721001		0.000	0.1	0.00	0.00		0.20		0.00	0.000		
720619				0.00	0.00	0.00	0.17					
720229				0.00	0.00	0.00	0.06	0.25			0	
700730				0.00	0.00		0.00					
690807		0.000		0.00	0.00		0.00					
680814		0.000		0.00	0.00							
670928		0.000		0.00	0.00		0.08					

BE 04 EMBARRAS RIVER
ROUTE 130 BRIDGE NORTHEAST EDGE OF NEWTON
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/-1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711206		7.2	11.1	8.5	0.131	8		210	0.10	0.2				
711103		13.9	8.8	8.2	0.065	7		610	0.40	0.0				
711005		19.4		8.2	0.489	33		3100	0.30	0.0				
710728		22.8	8.4	8.0		21				0.9			2.20	100
710519		21.1	7.7	8.0		37				2.0			3.20	120
710407		8.3	13.9	8.2		23				0.9			2.10	20
710224		2.8	13.0	7.4		46				0.7			1.70	650
701202		10.6	10.1	8.3		35				0.5			1.30	30
700928		17.8	8.5	8.1		35				0.0			0.70	70
700729		28.3	4.8	7.6		19	0.000	2100		0.0			0.60	200
700611		24.4	10.0	8.6		11				0.9			1.40	65
700422		14.4	9.8	7.7		29				0.9			1.10	400
700311		6.1	11.9	8.0		3				1.1			1.60	40
700121		0.6	13.6	7.7		11				0.9			1.30	20
691112		10.6	11.1	7.7		10				0.9			1.10	50
691001		19.4	9.3	8.2		11				0.7			1.00	85
690806		25.6	8.1	8.1		12	0.000	460		0.2			1.00	90
690618		20.0	8.2	7.9		18				1.1			1.10	280
690514		15.6	9.5	7.9		12				5.2			0.60	50
690409		15.0	8.5	7.4		27				1.8			0.90	850

BE 04 EMBARRAS RIVER
ROUTE 130 BRIDGE NORTHEAST EDGE OF NEWTON —CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
690212		2.2	12.3	7.7		20				5.9			1.10	500
690115		0.6	12.4	8.1		7				5.6			0.50	15
681114		6.1	10.4	8.1		30				0.9			0.20	10
680814		23.3	7.1	7.8	0.685	12	0.000	1600	0.20	2.7			0.40	250
680626		23.9	5.3	7.5		20				2.9			0.30	600
680515		21.1	8.7	8.3		10				3.8			0.30	80
680403		12.8	10.3	7.4		11				5.0			0.50	80
680207		3.3	12.0	7.4		11				4.1			0.40	200
671220		5.6	11.1	7.8		10				1.4			0.10	95
671108		5.6	10.6	7.7		15				0.2			0.20	20
670927		17.8	7.9	8.0	0.163	13	0.000		1.10	0.0			0.10	95
670816		23.3		7.8		10							0.20	160
670705		21.1	10.2	8.3									0.40	75
670510		15.0	8.3	7.6									0.20	220
670308		3.3	12.5	7.7									0.50	290
670125		8.9	10.9	7.7									0.20	30
661130		6.7	10.8	7.3									0.20	260
661020		11.1	9.6	7.8									0.30	75
660824		25.0	8.4	8.3									0.20	62
660630		27.2	8.7	7.9									0.00	130
660517		16.1	8.9	7.8									0.20	75
660324		7.8	11.9	8.3									0.30	60
660125		0.0	13.7	7.8									0.00	11
651123		7.2	12.6	8.5									0.30	40
650908		24.4	7.7	8.4									0.10	100
650525		24.4	8.5	7.8									0.10	24
650316		6.1	11.4	8.1									0.10	35
641229		3.3	13.6	8.0									0.50	6
641020		11.1	9.9	7.9									0.30	11
640921		21.1	6.4	7.3									0.80	7
640804		31.1	5.8	7.9									0.20	40
640710		28.3	8.8	7.8									0.20	8
630827		23.3	6.7	7.9									0.10	120
630528		21.1	11.5	8.4									0.20	80
620821		10.0	7.0	7.8									0.00	30
620214		4.4	11.6	7.7									0.20	40
610906		25.6	6.9	8.0									0.30	45
610116		1.1	14.0	8.3									0.00	10
591117		1.1	13.2	7.5									0.00	240
590728		24.4	6.4	8.2										200
580924		21.1	8.0	7.9			0.200							40

BE 04 EMBARRAS RIVER
ROUTE 130 BRIDGE NORTHEAST EDGE OF NEWTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
700729		0.0	0.000	0.000	0.3	0.00	0.20	0.0	0.0	0.2	14	7	128	120
690806		0.0	0.000	0.000	0.0	0.00		0.0	0.0	0.3				
680814		0.0	0.000	0.000	0.5		0.20	0.0		0.2	16	7	220	176
670927		0.0	0.000	0.000	0.3	0.00	0.20	0.0	0.0	0.3	238	16	280	260
670705	8										28	20	308	264
670510	2										15	14	182	184
670308	2										18	19	222	122
670125											34	45	336	248
661130	5										23	11	208	136
661020	2										24	28	344	244
660824	4										29	11	288	228
660630	8										26	23	264	200
660517	1										16	19	336	216
660324	6										16	20	320	224
660125	1										66	70	372	252
651123	4										16	26	304	256
650908	5										32	43	304	244
650525	7										72	54	268	208
650316	1										78	100	284	172
641229											31	56	256	272

BE 04 EMBARRAS RIVER
ROUTE 130 BRIDGE NORTHEAST EDGE OF NEWTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
641023	4										20	48	292	266
640921	3										46	108	310	192
640804	3										32	114	260	244
640710	4										42	230	304	240
630827	2										18	95	232	112
630528	11										11	43	240	196
620821	5										19	13	220	192
620214	2										15	48	264	180
610906	3										32	30	284	276
610116	1										31	50	268	236
591117	4										24		174	134
590728	3										24		220	204
580924	2										14		246	238

BE 04 EMBARRAS RIVER
ROUTE 130 BRIDGE NORTHEAST EDGE OF NEWTON --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
700729				0.00	0.00		0.00					
690806		0.000		0.00	0.00		0.00					
680814		0.000		0.00	0.00							
670927		0.000		0.00	0.00		0.10					

BE 05 EMBARRAS RIVER
COUNTY ROAD BRIDGE 2 MILES EAST OF CHARLESTON
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711208		6.7	7.0	7.9	0.131	24		200	0.40	0.2				
711103		15.6	7.6	8.3	0.000	12		10	0.20	0.0				
711005		20.6		8.4	0.326	8		50	0.50	0.0				
710729		20.6	7.2	7.5		19				1.1			2.50	80
710519		19.4	6.8	7.9		36				1.8			2.70	87
710408		9.4	14.7	8.3		29				1.4			2.50	18
710224		2.8	12.2	7.5		49				1.4			2.10	600
701202		8.9	9.9	8.1		54				0.9			1.60	30
700929		18.9	4.7	7.9		31				0.0			0.70	60
700730		26.7	10.1	8.2		20	0.000	70		0.2			1.00	40
700611		23.9	8.4	8.2		10				1.8			1.80	40
700422		13.9	7.7	7.7		23				1.6			1.30	320
700311		5.0	12.3	8.0		5				1.4			1.80	20
700121		0.6	13.4	7.6		9				1.1			1.40	15
691113		10.0	9.2	7.5		11				1.1			1.20	40
691001		18.3	7.9	8.1		9				1.1			1.10	55
690807		25.0	6.3	7.9		16	0.000	370		0.7			1.20	80
690618		18.3	7.5	8.0		10				2.0			1.40	120
690514		14.4	9.2	7.9		11				7.0			0.90	25
690410		13.9	9.1	7.9		15				6.8			1.20	110
690212		2.2	12.0	7.7		18				7.7			1.20	230
690115		0.6	10.8	7.7		16				6.3			0.50	18
681114		7.8	7.1	8.1		5				0.2			0.10	20
680814		22.8	7.0	7.8	0.294	10	0.000	290	0.30	5.0			0.40	110
680626		22.8	6.4	7.8		13				7.9			0.90	400
680515		19.4	8.0	8.3		6				7.9			0.30	29
680404		11.1	9.5	7.7		10				5.0			0.50	300
680208		2.8	12.0	7.1		6				6.8			0.40	41
671220		6.7	10.9	7.9		9				9.9			0.00	32
671109		7.8	5.6	0.1		15				0.0				20
670928		16.7	5.0	7.9	0.065	18	0.000		1.20	0.0			0.20	60

BE 05 EMBARRAS RIVER
COUNTY ROAD BRIDGE 2 MILES EAST OF CHARLESTON --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
670816		23.9		8.0		10				0.2			0.20	37
670706		21.7	8.8	8.3									0.30	40
670511		15.6	8.4	7.8									0.20	65
670309		3.9	13.1	7.7									0.60	45
670125		4.4	11.9	7.4									0.30	30
661201		3.9	11.0	7.6									0.30	70
661020		13.3	6.4	7.8									0.30	50
660825		22.8	3.3	8.0									0.10	62
660630		25.6	4.8	7.8									0.00	200
660324		9.4	10.6	8.1									0.30	30
660125		0.0	13.1	8.0									0.20	6
651123		7.8	8.4	8.1									0.00	25
650908		24.4	12.2	8.7			0.000						0.10	30
650316		7.2	12.4	8.1									0.10	15
641229		4.4	10.0	7.6									0.30	12
641020		13.3	7.6	7.9									0.30	15
640804		30.0	8.0	7.8									0.20	8
630827		23.3	7.2	7.6									0.00	40
630528		21.1	9.5	8.3									0.10	80
620821		25.6		7.8									0.00	30
620214		4.4	11.6	7.8									0.20	30
610906		25.6	9.2	8.4									0.00	35
610117		3.3	15.0	8.2									0.00	12
591117		1.1	10.8	7.5									0.00	110
580924			6.8	7.9									0.00	10

BE 05 EMBARRAS RIVER
COUNTY ROAD BRIDGE 2 MILES EAST OF CHARLESTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711208											75			
700929								0.0						
700730		0.0	0.000	0.000	0.0	0.00	0.10		0.0	0.2	45	54	248	168
690807		0.0	0.000	0.000	0.0	0.00		0.0	0.0	0.4				
680814		0.0	0.000	0.000	0.3		0.10	0.0	0.0	0.3	20	13	308	216
670928		0.0	0.000	0.000	0.2	0.00	0.10	0.0	0.0	0.3	50	15	256	200
670706	3										38	23	344	268
670511	1										15	19	288	188
670309	1										23	17	294	192
670125											36	20	328	216
661201	1										34	34	280	164
661020	3										32	23	256	164
660825	2										27	15	284	200
660630	3										22	28	216	120
660324	1										16	26	320	228
660125	1										26	73	364	244
651123	2										38	29	304	268
650908	4										16	54	248	240
650316	1										80	66	256	132
641229	2										44	72	260	256
641020	2										21	78	256	222
640804	3										30	161	292	252
630827	2										48	130	270	104
630528	9										8	110	228	180
620821	14										18	18	240	220
620214	1										15	45	252	174
610906	6										11	33	220	184
610117	2										29	66	324	292
591117	3										16		222	136
580924	1										26		332	288

BE 05 EMBARRAS RIVER
COUNTY ROAD BRIDGE 2 MILES EAST OF CHARLESTON --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
700730				0.00	0.00		0.00					
690807		0.000		0.00	0.00		0.03					
680814		0.000		0.00	0.00							
670928		0.000		0.00	0.00		0.10					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740906	146	17.8	9.0	8.3	0.130		0.000	200	0.10	3.5	683		0.40	
740816	900	26.7	7.3	8.1	0.350		0.000	800	0.10	4.3	417	0.0	0.60	
740712	351	26.7	7.6	8.3	0.160		0.000	110	0.10	7.8	533		0.60	
740606	1210	19.4	7.6	8.2	0.240		0.000	1700	0.10	8.1	533		1.00	
740506	398	17.2	8.7	8.5	0.360		0.000	150	0.40	7.2	567	0.0	0.70	
740404	2070	11.1	9.8	8.2	0.080		0.000	5000	0.80	6.8	450		0.60	
740314	2110	6.1	12.1	8.3	0.170		0.000	2400	0.30	7.5	467		0.50	
740226	2260	1.1	14.0	8.3	0.090		0.000	0	0.20	8.2	500	0.0	0.80	
740125	7980	3.9	11.4	8.1	0.420		0.000	300	0.50	5.2	283		0.40	
731218	300	0.6	13.6	8.4	0.100		0.000	20	0.10	6.4	633		0.70	
731130	1310	8.3	10.3	8.3	0.140		0.000	1200	0.10	7.1	567	0.0	0.80	
731026	63	13.0	8.4	8.3	0.230		0.000	140	0.10	3.7			0.40	
730927	41	23.3		8.6	0.260		0.000	0	0.10	1.2	533		0.50	
730822	182	24.4	7.1	8.4	0.120		0.015	0	0.10	4.3	633	0.0	0.60	
730726	4680	24.4	5.5	7.7	0.320		0.000	12000	0.20	3.0	317		0.70	
730615	427	23.3	6.8	8.3	0.200		0.000	80	0.10	8.1	617		1.20	
730515	370	15.0	9.0	8.3	0.100		0.002	10	0.00	7.5	600	0.0	0.80	
730417	1010	11.7	9.4	8.2	0.220		0.000	3000	0.10	7.7	567		1.30	
730308	1060	11.7	10.1	8.2	0.100		0.000	0	0.10	8.1	617		1.55	
730222	315	3.3	13.0	8.4	0.090		0.002	0	0.00	7.6	600	0.0	1.30	
730118	639	2.8	11.8	8.0	0.080		0.003	10	0.10	7.1	617		1.40	
721204	644	6.1	12.2	8.1	0.070		0.005	10	0.10	8.4	667		1.60	
721025	193	11.7	9.2	8.2	0.150		0.000	140	0.00	5.8	633	0.0	1.20	
720914	235	23.3	6.5	8.1	0.200		0.003	700	0.10	4.8	500	0.0	1.00	
720807	112	22.8	6.6	8.1	0.150		0.002	60	0.10	1.1	533	0.0	0.80	
720713	81	25.6		8.3	0.130		0.010	10	0.00	8.5	650	0.0	2.00	
720607	233	21.7		7.8	0.100		0.010	450	0.00	12.0	650	0.0	2.20	
720411	619	12.2	10.7	8.1	0.130		0.003	10	0.00	10.0	583		1.00	
720301	171	6.1	12.9	8.2	0.000		0.003	0	0.00	7.3	600	0.0	1.30	7
720120	391	1.7	11.8	7.9	0.080		0.005	0	0.38	11.8	540	0.0		
711208	121	6.1	6.3	7.9	0.065	13		10	0.40	0.2				
711103	9.4	15.0	6.2	8.0	0.000	11		310	0.10	0.0				
711005	25	20.0		8.2	0.392	21		20	0.40	0.0				
710729	347	20.0	7.2	7.9		19				1.1			2.30	120
650525		24.4	7.2	7.7									0.20	35
641020		12.2	7.6	7.9									0.30	15
640819		21.1	8.0	7.7									0.20	15
620214		4.4	11.8	8.0									0.30	30
610906		26.7	10.5	8.3									0.00	45
610117		3.3	10.8	7.7									0.00	17

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740816		0.0	0.000	0.000	1.8	0.00	0.10	0.0	0.0	0.2	13	38		
740506		0.0	0.000	0.000	0.6	0.00	0.03	0.0	0.0	0.2	23	45		
740226		0.0	0.000	0.000	0.5	0.00	0.02	0.0	0.0	0.3	17	47		
731130		0.0	0.000	0.000	0.8	0.00	0.05	0.0	0.0	0.3	20	45		
730822		0.0	0.000	0.000	0.4	0.35	0.08	0.0	0.1	0.2	20	46		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
730515		0.0	0.000	0.000	0.4	0.00	0.02	0.0	0.0	0.3	22	52		
730222			0.000	0.000	0.2	0.03	0.04		0.0	0.2	24	50		
720301					0.1		0.40				39	40		
650525	4										52	40	304	196
641020	3										19	68	296	250
640819	3										18	103	240	208
620214	2										14	45	252	172
610906	8										11	31	240	204
610117	2										73	65	340	296

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

DATE	SUSPENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	HOE (MG/L)
740816		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
740506		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740226		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
731130		0.000	0.6	0.00	0.00	0.00	0.00		0.00	0.000		
730822		0.000	0.4	0.00	0.00	0.00	0.07		0.00	0.000		
730515		0.000	0.4	0.00	0.00	0.00	0.00		0.00	0.000		
730222				0.00	0.00	0.00	0.08					
720301								0.15				

BE 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	DISCHARGE (CFS)	TEMPERATURE DEG. C	DISSOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740923	472	13.3	10.5	8.0	0.160		0.005	2000	0.00	1.5	517	0.0	0.20	
740812	282	22.8	3.5	8.2	0.300		0.000	1500	0.05	0.5	450		0.20	
740701	3060	21.7	8.6	7.9	0.320		0.000	720	0.11	3.2	467		0.70	
740618	1040	21.7	8.8	7.9	0.260		0.010	1700	0.10	6.0	617	0.0	0.90	
740515	3130	20.6	8.0	7.6	0.610		0.010	38000	0.15	2.6	400		0.30	
740402	3820	11.1	9.3	8.1	0.570		0.005	2100	0.15	4.3	417	0.4	0.40	
740220	2860	4.4	11.0	7.9	0.660		0.005	2100	0.50	2.9	417		0.30	
740101	7010	5.6	11.6	7.9	0.350		0.005	1200	0.60	4.4	333		0.50	
731218	620	0.0	13.7	8.3	0.200		0.000	900	0.18	5.5	650	0.2	0.50	
731129	2210	8.9	10.9	8.1	0.440		0.005	1400	0.20	4.8	500		0.50	
731029	140	9.4	12.4	8.4	0.220		0.005	1700	0.07	1.0			0.10	
731003	124	20.0	12.2	8.6	0.240		0.010	840	0.10	0.1	700		0.10	
730830	320	26.1	9.0	8.4	0.220		0.000	450	0.10	1.7	550		0.30	
730716	497	26.7	10.3	8.4	0.180		0.000	810	0.10	3.3	567		0.60	
730606	3470	22.8	6.3	7.8	1.000		0.023	16000	0.03	4.0	333		0.70	
730508	1600	15.0	7.8	7.9	0.230		0.010	6300	0.22	3.3	517		0.90	
730418	1840	12.2	9.0	8.1	0.230		0.007	700	0.28	5.2	533		0.90	
730305	3580	10.0	7.8	7.8	0.580		0.013	3500	0.96	2.3	333		0.60	
730213	945	1.7	12.6	8.0	0.090		0.000	10	0.50	7.5	650		1.10	
730110	1990	0.6	12.8	7.9	0.120		0.003	380	0.20	6.2	533		1.20	
721026	262	10.6	11.5	8.5	0.230		0.000	10	0.00	5.0	567	0.0	0.98	
720913	659	26.1	6.9	8.2	0.500		0.010	140	0.20	1.7	333	0.0	0.60	
720828	102	27.2	10.3	8.6	0.150		0.004	0	0.10	0.0	567	0.0	0.40	
720808	172	22.8	9.8	8.4	0.110		0.004	800	0.20	0.1	433	0.0	0.50	
720613	299	25.6	14.0	8.2	0.100		0.003	40	0.20	6.0	533	0.0	1.40	31
720517	626	21.1	14.2	8.3	0.600		0.015	10	0.10	6.2	617	0.0	1.50	
720411	877	13.9	10.1	8.3	0.320		0.003	90	0.00	6.3	550		0.80	
720229	418	10.6	11.2	8.2	0.200		0.009	560	0.10	4.4	517	0.0	0.90	30

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
740923		0.0	0.000	0.000	0.9	0.00	0.17	0.0	0.0	0.2	25	45		
740618		0.0	0.000	0.000	1.9	0.00	0.11	0.0	0.0	0.2	20	40		
740402		0.0	0.000	0.000	11.0	0.02	0.30	0.0	0.0	0.2	17	45		
731218		0.0	0.000	0.000	0.3	0.01	0.05	0.0	0.0	0.2	25	54		
720913		0.2	0.000	0.000	3.5	0.06	0.34	0.0	0.1	0.2	20	17		
720613			0.000	0.000	0.2	0.01	0.08	0.0	0.0	0.2	29	53		
720229					0.5		0.05				41	55		

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

DATE	SUSPENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740923		0.000	0.0	0.00	0.00		0.00		0.00	0.000		
740618		0.001	0.3	0.00	0.00		0.00		0.00	0.000		
740402		0.002	0.1	0.00	0.00		0.01		0.00	0.000		
731218			0.0	0.00	0.00		0.05			0.000		
720913		0.000	0.4	0.00	0.00	0.00	0.90		0.00	0.000		
720613				0.00	0.00	0.00	0.07					
720229								0.15				

BL 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	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740923	169	13.9	11.4	8.4	0.180		0.005	300	0.00	2.1	667		0.30	
740819	527	24.4	1.8	8.1	0.260		0.015	210	0.05	3.4	433		0.30	
740701	1780	22.2	7.9	7.9	0.280		0.000	560	0.11	4.0	533	0.0	0.70	
740618	1010	21.1	8.5	7.9	0.210		0.000	1100	0.10	6.5	600		0.90	
740515	1340		7.5	7.3	0.620		0.005	49000	0.35	1.6	200		0.20	
740402	3740	8.3	9.8	8.2	0.380		0.005	2900	0.10	5.5	450		0.60	
740220	1690	4.4	11.6	7.9	0.460		0.005	900	0.35	4.0	417		0.30	
740129	6580	3.9	11.3	8.0	0.410		0.005	700	0.60	4.2	333	0.2	0.40	
731217	614	0.6	13.4	8.5	0.150		0.000	0	0.20	6.0	617		0.70	
731129	2490	9.4	10.5	8.3	0.390		0.000	1700	0.20	6.4	517		0.70	
731025	115	17.2	12.9	8.6	0.320		0.000	0	0.10	1.8		0.2	0.20	
730911	103	22.2	9.5	8.3	0.150		0.000	200	0.00	1.8	733		0.30	
730822	314	23.9	8.3	8.4	0.180		0.010	10	0.10	3.3	533		0.60	
730615	735	24.4	7.2	8.3	0.330		0.000	150	0.00	7.0	583		1.10	
730515	637	16.1	10.4	8.4	0.150		0.000	0	0.00	5.9	600		0.60	
730416	1340	12.8	9.1	8.1	0.280		0.000	980	0.50	5.7	550		1.10	
730308	1820	11.7	9.5	7.9	0.390		0.002	300	0.30	5.0	517		1.15	
730201	1410	4.4	12.7	8.1	0.130		0.000	330	0.20	6.8	600		1.40	
730110	1160	1.1		7.8	0.110		0.003	0	0.10	6.8	567		1.30	
721205	1070	4.4	12.0	8.2	0.120		0.003	70	0.10	7.7	652		1.50	
721026	382	8.3	11.0	8.5	0.360		0.000	50	0.00	5.8	650	0.0	1.10	
720913	618	25.6	7.0	8.1	0.260		0.010	400	0.20	2.6	283		0.60	
720828	47	26.7	9.1	8.3	0.200		0.000	0	0.10	0.2	583	0.0	0.40	20
720807	193	21.7	7.9	8.3	0.350		0.002	660	0.20	1.7	533	0.0	0.90	
720607	401	24.4		8.2	0.200		0.009	200	0.00	10.0	617	0.0	2.10	
720518	500	18.3	8.6	8.0	0.180		0.005	90	0.10	7.5	600	0.0	1.70	
720411	1070	13.9	10.1	8.1	0.150		0.002	10	0.00	7.0	583		0.70	
720229	286	8.3	11.7	8.5	0.240		0.005	200	0.10	4.9	583	0.0	1.00	
720120	674	1.7	12.2	8.1	0.155		0.000	10	0.39	9.7	570	0.0		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740701		0.0	0.000	0.000	2.8	0.01	0.15	0.0	0.1	0.1	15	30		
740129		0.1	0.000	0.000	3.8	0.06	0.14	0.0	0.1	0.2	13	32		
731025		0.0	0.000	0.000	0.5	0.00	0.13	0.0	0.0	0.2	28	50		
721026		0.1	0.000	0.000	0.4	0.00	0.03	0.0	0.0	0.3	28	58		
720828		0.2	0.010	0.000	1.2	0.04	0.21	0.0	0.1	0.2	34	38		
720229			0.000	0.000	0.3	0.00	0.60	0.0	0.0	0.2	34	55		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740701		0.000	0.1	0.00	0.00		0.00		0.00	0.000		
740129		0.000	0.3	0.00	0.00	0.00	0.32		0.00	0.000		
731025		0.000	0.4	0.00	0.00	0.00	0.00		0.00	0.000		
721026		0.000	0.2	0.00	0.00	0.00	0.02		0.00	0.000		
720828		0.000	0.3	0.00	0.00	0.00	0.37		0.00	0.000		
720229				0.00	0.00	0.00	0.05	0.10			0	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740926	99	16.7	9.5	8.2	0.480		0.000	0	0.00	2.7	717		0.60	
740828	390	23.3	6.6	8.1	0.460		0.005	19100	0.30	1.5	900		0.80	
740617	865	19.4	8.4	8.3	0.220		0.000	140	0.20	8.3	567		0.80	
740226	2860	2.2	14.1	8.3	0.210		0.000	30	0.40	7.8	467	0.0	0.70	
740129	4840	4.4	11.0	8.1	0.280		0.000	390	0.50	6.1	383		0.60	
731218	380	0.6	13.8	8.4	0.200		0.000	20	0.20	6.5	650		0.70	
731129	1830	8.9	10.7	8.3	0.270		0.000	400	0.10	6.9	550	0.0	0.80	
731025	85	17.2	12.3	8.5	0.470		0.000	170	0.10	2.3			0.30	
730927	52	23.3	9.2	8.3	0.580		0.000	160	0.30	1.5	650		0.60	
730822	231	23.9	8.0	8.4			0.005	30	0.10	3.7	550		0.60	
730725	7740	26.1	5.5	7.8	0.260		0.000	600	0.20	2.8	300		0.50	
730615	541	24.4	7.1	8.3	0.270		0.000	100	0.00	7.6	600		1.20	
730515	469	17.2	10.1	8.4	0.170		0.000	20	0.00	6.8	617		0.70	
730417	1280	11.7	9.8	8.2	0.025		0.000	1100	0.10	7.5	600		1.50	
730308	1340	11.7	10.1	8.1	0.210		0.000	100	0.20	7.3	600		1.45	
730222	400	1.7	13.2	8.7	0.180		0.004	0	0.00	7.4	650		1.30	
730117	596	5.6	12.9	8.0	0.120		0.000	0	0.20	7.5	650		1.50	
721205	788	4.4	12.2	8.2	0.030		0.004	30	0.10	8.3	672		1.60	
721026	281	8.3	10.9	8.4	0.240		0.000	50	0.30	5.9	633		1.10	
720914	298	25.0	6.7	8.0	0.500		0.003	710	0.20	3.5	350		0.80	
720828	35	26.1	8.6	8.2	0.490		0.000	0	0.10	0.6	600	0.0	0.60	
720807	142	25.6	7.5	8.3	0.320		0.002	690	0.20	1.6	500	0.0	0.90	44
720713	103	25.6		8.4	1.850		0.007	0	0.00	7.4	517	0.0	1.70	
720607	295	21.1		8.0	0.200		0.007	30	0.00	12.0	617	0.0	2.20	
720411	784	12.8	7.3	8.1	0.280		0.003	0	0.00	8.4	583	0.0	0.70	20
720301	217	10.6	13.0	8.3	1.500		0.002	10	0.00	6.2	567	0.0	1.25	7
720120	496	2.8	12.3	8.2	0.110		0.006	0	0.47	11.5	590	0.0		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740226		0.0	0.000	0.000	0.8	0.00	0.03	0.0	0.0	0.2	16	48		
731129		0.0	0.000	0.000	1.9	0.00	0.11	0.0	0.0	0.3	21	45		
720807		0.0	0.000	0.000	1.1	0.29	0.15	0.0	0.1	0.3	33	49		
720411			0.000	0.000	0.1	0.00	0.01	0.0	0.0	0.2	41	56		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740226		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
731129		0.000	0.7	0.00	0.00	0.00	0.00		0.00	0.000		
720807		0.000	0.1	0.00	0.00	0.00	0.65		0.00	0.000		
720411				0.00	0.00	0.00	0.09					

BE 10 EMBARRAS 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740906		17.8	9.0	8.3	0.190		0.000	140	0.10	3.8	700	0.0	0.50	
740816		26.1	6.8	8.0	0.310		0.000	1200	0.00	4.3	417		0.70	
740712		26.7		8.3	0.230		0.000	360	0.20	7.6	567		0.80	
740606		19.4	7.9	8.3	0.210		0.000	480	0.10	9.0	567	0.0	1.10	
740506		17.2	8.6	8.4	0.190		0.000	4600	0.30	7.9	583		0.70	
740404		11.1	9.4	8.1	0.090		0.000	3800	1.30	7.0	433		0.60	
740314			12.1	8.2	0.180		0.000	2000	0.40	8.1	467	0.0	0.50	
740226		1.7	13.5	8.4	0.100		0.000	0	0.20	9.0	533		0.80	
740125		3.9	11.7	8.0	0.340		0.000	370	0.50	5.5	300		0.50	
731218		0.6	13.9	8.4	0.110		0.000	60	0.10	6.9	633	0.2	0.70	
731130		8.3	10.3	8.3	0.130		0.000	240	0.10	7.3	567		0.80	
731026		13.3	8.4	8.3	0.280		0.000	70	0.30	3.8			0.40	
730921		16.7	8.3	8.3	0.280		0.000	700	0.10	2.8	633		0.40	
730822		22.2	7.5	8.4	0.150		0.015	0	0.10	4.8	633		0.70	
730726		23.9	5.7	7.8	0.360		0.005	7000	0.30	2.5	250		0.60	
730702		24.4	7.1	8.2	0.180		0.000	40	0.10	8.8	600		1.50	
730606		20.0	6.7	7.9	0.340		0.000	7000	0.60	8.9	417		0.80	
730516		12.8	9.0	8.3	0.120		0.003	140	0.00	8.0	600		0.90	
730413		7.2	11.4	8.3	0.080		0.000	150	0.00	9.1	600		1.50	
730308		11.7	10.3	8.2	0.100		0.000	130	0.10	8.1	617		1.50	
730103		2.8	11.5	8.0	0.210		0.006	160	0.20	6.0	433		1.20	
721204		5.6	11.6	8.0	0.080		0.006	280	0.10	8.4	635		1.60	
721025		10.6	9.9	8.2	0.130		0.000	390	0.10	6.5	617			
720914		23.3	6.7	8.3	0.370		0.004	4000	0.10	4.8	550	0.0	1.00	
720905		22.0	9.0	8.2	0.050		0.005	140	0.10	0.6	600	0.0	0.40	
720824		25.6	7.2	8.3	0.270		0.005	290	0.10	0.6	650	0.0	0.40	
720807		22.8	7.7	8.0	0.380		0.003	680	0.10	1.2	550	0.5	1.00	
720712		26.7		8.3	0.040		0.008	0	0.00	8.8	650	0.0	2.00	
720606		21.7		7.7	0.200		0.007	240	0.00	12.0	633	0.0	2.10	35
720412		15.6	9.3	8.1	0.180		0.003	1800	0.00	9.5	717		1.00	
720301		11.7	11.4	8.3	0.000		0.001	140	0.00	8.0	633	0.0	1.35	5
720120		1.7	11.9	8.0	0.120		0.000	40	0.41	11.2	510	0.0		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740906		0.0	0.000	0.000	0.7	0.00	0.00	0.0	0.0	0.2	21	57		
740606		0.1	0.000	0.000	1.4	0.00	0.16	0.0	0.1	0.2	17	42		
740314		0.1	0.000	0.000	0.7	0.00	0.04	0.0	0.0	0.3	16	40		
731218		0.0	0.000	0.000	0.1	0.00	0.02	0.0	0.0	0.3	20	53		
720914		0.2	0.000	0.000	2.6	0.04	0.25	0.2	0.1	0.2	22	57		
720606			0.000	0.007	0.3	0.00	0.03	0.0	0.2	0.2	25	56		
720301			0.170	0.000	0.2	0.00	0.30	0.0	0.1	0.4	33	50		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740906		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740606		0.000	0.2	0.00	0.00	0.00	0.47		0.00	0.000		
740314		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
731218		0.000	0.8	0.00	0.00	0.00	0.00		0.00	0.000		
721025											150	
720914		0.000	0.0	0.00	0.00	0.00	0.41		0.00	0.000		
720606				0.00	0.00	0.00	0.10					
720301				0.00	0.00	0.00	0.10	0.10			0	

BE 11 EMBARRAS RIVER
ROUTE 130 BRIDGE AT VILLA GROVE
LAB: CHAMPAIGN DISCHARGE DATA: 03340400 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740924	8.7	13.3	10.0	8.5	0.110		0.000	370	0.00	3.0	683		0.60	
740826	20	25.6	8.4	8.1	0.040		0.000	900	0.10	4.2	617		0.50	
740718	44	23.3	8.3	8.0	0.110		0.000	2700	0.00	7.5	583	0.0	0.80	
740625	1700	17.2	7.7	7.7	0.490		0.000	300	1.40	5.5	283		0.60	
740529	224	17.2	8.6	8.0	0.140		0.000	1100	0.30	8.7	533		1.00	
740418	169	11.1	10.2	8.1	0.180		0.000	250	0.20	9.0	550	0.0	0.90	
740326	136	3.9	13.1	7.6	0.070		0.000	180	0.10	8.6	717		0.60	
740227	293	5.6	13.7	8.3	0.060		0.000	60	0.60	9.2	533		0.90	
740125	777	4.4	11.9	8.1	0.160		0.000	260	0.30	7.5	433	0.0	0.70	
731227	1000	3.9	10.7	7.9	0.170		0.000	1200	0.10	8.1	433		0.60	
731130	255	8.9	10.5	8.2	0.090		0.000	190	0.00	7.0	583		0.80	
731114	21	13.9	11.7	8.5	0.170		0.000	0	0.00	4.1	600	0.2	0.60	
730921	14	16.7	9.0	8.4	0.110		0.000	470	0.30	3.6	633		0.40	
730822	52	21.1	7.9	8.2	0.160		0.000	150	0.20	5.8	633		0.90	
730726	351	23.3	5.8	7.8	0.260		0.005	7000	0.20	5.2	383		0.90	
730703	126	23.9	7.5	8.2	0.210		0.000	300	0.00	9.4	600		1.60	
730606	638	19.4	7.2	8.0	0.160		0.000	1900	0.20	9.6	517		1.00	
730516	85	12.8	9.0	8.2	0.110		0.000	360	0.00	8.6	567		0.90	
730413	182	7.8	12.7	8.2	0.070		0.000	20	0.10	9.2	583		1.50	
730308	161	10.6	12.2	8.2	0.100		0.000	10	0.10	7.6	583		1.45	
730103	438	4.4	11.3	7.9	0.150		0.002	160	0.20	6.8	517		1.30	
721204	172	3.9	12.1	8.0	0.060		0.002	20	0.20	8.4	612		1.60	
721025	146	12.2	10.7	8.2	0.050		0.000	0	0.00	7.3	617	0.0	1.20	
720914	179	24.4	5.3	7.8				11000	0.20	4.5	417		0.90	
720824	5.0	25.6	8.3	8.4	0.050		0.006	510	0.10	0.3	500	0.0	0.30	
720726	28	25.0	6.6	8.2	1.460		0.003	680	0.40	4.9	550	0.0	1.30	34
720712	39	26.7		8.3	0.020		0.096	0	0.00	8.0	650	0.0	1.90	
720606	45	21.7		8.0	0.080		0.006	2400	0.00	10.0	600	0.0	1.90	
720412	167	13.9	10.2	8.0	0.140		0.005	500	0.00	10.0	617	0.0	0.11	15
720301	51	12.8	10.0	8.2	0.000		0.001	540	0.00	8.2	533	0.0	1.30	11
720120	102	5.6	11.1	7.9	0.150		0.000	200	0.26	11.5	530	0.0		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740718		0.0	0.000		0.5	0.00	0.06	0.0	0.0	0.2	18	55		
740418		0.1	0.000	0.000	1.9	0.00	0.08	0.0	0.0	0.2	15	43		
740125		0.0	0.000	0.000	1.2	0.01	0.02	0.0	0.0	0.2	13	37		
731114		0.2	0.000	0.000	0.3	0.00	0.05	0.0	0.0	0.2	15	54		
721025		0.1	0.000	0.010	0.4	0.00	0.03	0.0	0.0	0.2	18	60		
720726		0.1	0.000	0.000	1.2	0.05	0.25	0.0	0.2	0.2	17	59		
720412			0.000	0.000	0.2	0.00	0.01	0.1	0.0	0.2	40	52		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740718		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740418		0.000	0.2	0.00	0.01	0.01	0.01		0.00	0.000		
740125		0.000	0.5	0.00	0.00	0.00	0.00		0.00	0.000		
731114		0.000	0.5	0.00	0.00	0.00	0.00		0.00	0.000		
721025		0.000	0.3	0.00	0.00	0.00	0.05		0.00	0.000		
720726		0.000	1.3	0.00	0.00	0.00	0.18		0.00	0.000		
720412				0.00	0.00	0.00	0.07					

BLD 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740920		14.4	9.2	7.7	0.160		0.005	410	0.06	0.4	517	0.4	0.50	
740819		26.1	1.3	7.3	0.320		0.000	31000	0.20	1.0	417	0.0	0.20	
740710		27.8	6.5	7.6	0.200		0.005	2500	0.35	0.2	717		0.40	
740515		20.6	7.3	6.7	0.590		0.010	22000	0.35	1.3	200	0.4	0.30	
740401		8.9	9.2	7.8	0.280		0.010	930	0.30	0.6	383		0.40	
740220		4.4	11.5	7.5	0.500		0.010	38000	1.10	2.5	417		0.40	
740129		4.4	11.7	7.5	0.440		0.000	810	0.70	1.2	200		0.30	
731129		8.9	9.4	7.6	0.360		0.015	8000	0.30	1.2	633	0.0	0.60	
731003		20.6	4.2	7.6	0.420		0.017	360	0.50	0.1	367		0.40	
730830		24.4	1.5	7.7	0.380		0.005	540	0.60	0.0	750		0.70	
730716		26.1	10.9	8.4	0.120		0.030	150	0.25	0.3	1283		1.00	
730606		23.3	6.2	7.7	0.350		0.015	6000	0.58	3.2	500		1.00	
730531		17.8	9.3	8.1	0.140		0.045	500	0.20	0.2	1667		1.40	
730508		15.0	7.2	7.7	0.260		0.015	29000	0.27	0.0	850		0.80	
730418		12.8	8.3	7.6	0.200		0.010	1100	0.33	0.2	533		0.60	
730305		10.6	7.7	7.4	0.510		0.017	3400	1.20	1.5	417		0.70	
730213		0.6	13.0	7.7	0.090		0.010	50	0.35	0.5	1167		1.00	
721026		10.6	9.2	7.9	0.360		0.007	10	0.30	0.0	2167		1.50	
720828		25.6	9.9	8.7	0.060		0.006	0	0.10	0.0	650	0.0	0.60	16
720808		22.8	6.3	7.8	0.150		0.007	1200	0.20	0.3	783	0.0	1.20	
720713		24.4		7.6	0.150		0.009	0	0.70	1.0	417	0.0	0.80	
720619		28.3	11.9	8.3	0.150		0.016	10	0.00	0.6	567	0.7	1.40	
720517		20.6	7.8	8.1	0.380		0.060	150	0.10	0.1	1667	0.0	1.90	9
720411		16.7	11.4	8.0	0.210		0.029	0	0.00	0.2	1317		0.90	
720229		10.6	10.3	8.0	0.180		0.013	5000	0.40	3.0	850	0.0	1.20	32
720113		2.8	11.4	7.6	0.255		0.010	150	0.71	2.7	1100	0.0	1.40	

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740923		0.0	0.000	0.000	1.0	0.00	0.17	0.0	0.0	0.2	85	25		
740819		0.2	0.000	0.024	3.6	0.01	0.38	0.0	0.0	0.1	75	25		
740515		0.2	0.000	0.000	8.0	0.02	0.39	0.0	0.1	0.1	30	18		
731129		0.0	0.000	0.000	3.6	0.02	0.25	0.0	0.0	0.2	135	63		
720828		0.2	0.010	0.000	0.7	0.06	0.22	0.0	0.1	0.2	124	15		
720517			0.000	0.000	0.4	0.04	0.83	0.0	0.1	0.2	380	58		
720113		2.0	0.000	0.000	1.2		1.00	0.2	0.1	0.1	239	55		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740923		0.000	0.0	0.00	0.00		0.00		0.00	0.000		
740819		0.000	0.4	0.00	0.00		0.00		0.00	0.000		
740515		0.000	0.3	0.00	0.00		0.00		0.00	0.000		
731129		0.000	0.1	0.00	0.00		0.00		0.00	0.000		
720828		0.000	0.2	0.00	0.00	0.00	1.10		0.00	0.000		
720517				0.00	0.00	0.00	0.18					
720113				0.00	0.00	0.00	0.05	1.10				0

BED 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740923	107	13.9	9.4	8.0	0.140		0.005	360	0.08	0.4	517	0.0	0.10	
740819	9.0	25.6	2.0	7.8	0.190		0.015	510	0.12	0.2	850		0.20	
740710	46	27.8	9.3	8.0	0.150		0.005	180	0.15	0.2	700	0.0	0.20	
740618	90	21.7	8.5	7.5	0.310		0.000	640	0.20	1.0	550	0.0	0.60	
740515	1330	20.6	7.4	7.3	0.610		0.010	19000	0.30	0.7	267		0.30	
740402	994	11.7	8.7	7.7	0.860		0.010	4100	0.35	1.2	300	0.8	0.20	
740220	1020	4.4	11.1	7.9	0.640		0.005	2100	0.65	2.2	367		0.20	
740129	1950	5.6	11.6	7.6	0.610		0.005	2700	1.00	1.5	217		0.30	
731218	45		13.5	8.1	0.080		0.000	200	0.18	1.7	733	0.4	0.30	
731129	367	8.3	10.1	7.8	0.380		0.010	5000	0.20	2.6	433		0.50	
731029	4.9	8.9	9.2	7.9	0.140		0.015	170	0.07	0.0			0.20	
731003	7.4	20.0	7.9	8.1	0.180		0.012	310	0.10	0.0	1667		0.70	
730830	16	25.0	5.7	8.1	0.240		0.005	3200	0.15	0.1	900		0.50	
730716	25	27.2	7.0	8.9	0.160		0.000	590	0.20	1.3	617		0.40	
730606	1890	22.8	6.3	7.5	0.700		0.010	5500	0.55	2.3	200		0.40	
730508	159	15.0	7.8	7.8	0.180		0.008	5900	0.22	0.0	917		0.60	
730418	333	12.8	8.6	7.8	0.370		0.010	800	0.33	1.0	400		0.50	
730305	1620	10.6	8.2	7.6	0.860		0.013	4000	1.00	1.1	250		0.30	
730213	107	1.1	13.0	7.9	0.070		0.006	10	0.46	2.8	733		0.70	
730110	110	0.6	13.1	7.8	0.040		0.002	110	0.10	2.2	650		0.80	
721026	4.1	10.6	6.2	7.9	0.110			30	0.00	0.0	883	0.0	0.75	
720913	2.3	25.0	6.6	8.1	0.170		0.015	3300	0.10	0.2	600	0.0	0.70	
720820	8.0	25.0	6.5	8.1	0.150		0.007	3500	0.20	0.1	700	0.0	0.60	
720808	25	21.1	6.8	7.8	0.120		0.005	3400	0.30	0.4	467	0.0	0.80	
720610	22	23.9	6.2	7.8	1.900		0.004	130	0.90	2.1	433	0.0	0.07	40
720518	38	18.3	6.7	7.8	0.200		0.015	1000	0.10	0.5	433	0.0	0.50	
720411	146	15.6	10.7	7.9	0.050		0.007	0	0.20	0.0	667		0.30	
720229	141	9.4	9.4	8.1	0.180		0.013	50	0.30	5.2	333	0.0	1.00	44
720113	119	2.2	11.6	7.9	0.300		0.000	210	0.39	3.7	520	0.0	1.30	
711208	70	7.2	6.6	7.9	0.098	38		140	0.30	0.0				
711103	1.3	12.8	4.1	7.9	0.196	22		10	0.30	0.0				
711005	3.0	18.3		7.4	0.718	8		230	0.40	0.0				
710729	42	19.4	7.2	7.3		22				0.0			1.10	40
710519	44	20.0	6.2	7.9		44				0.5			1.10	100
710408	41	9.4	13.0	8.2		27				0.0			0.60	25

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
710224	3560	1.7	12.9	7.2		49				0.5			1.50	550
701202	35	10.0	9.0	8.2		32				0.0			1.30	35
700929	24	15.6	7.8	8.1		27				0.0			0.70	120
700730	33	26.1	5.8	7.6		22	0.000	2200		0.0			0.80	160
700611	32	22.8	7.0	8.1		21				0.2			1.70	50
700422	2840	14.4	7.1	7.5		29				0.5			0.90	370
700311	106	5.6	11.7	7.8		14				0.2			1.10	25
700121	51	0.6	11.0	7.4		14				0.0			1.00	30
691113	57	9.4	9.2	7.5		17				0.2			0.90	25
691001	17	17.8	7.7	8.2		13				0.2			1.00	65
690807	43	23.0	7.0	7.8		18	0.000	240		0.2			1.10	90
690618	108	18.3	7.1	7.5		19				0.9			1.00	140
690514	66	15.0	8.3	7.8		19				0.7			0.40	80
690410	2140	13.9	7.4	7.3		80				1.1			0.50	850
690212	450	2.8	11.7	7.7		25				2.5			0.90	160
690115	40	0.6	11.2	7.8		9				2.0			0.40	20
681114	6.2	5.6	7.6	8.0		4				0.0			0.50	10
680814	141	22.8	6.5	7.8	0.098	15	0.000	640	0.30	1.1			0.30	80
680626	1290	22.8	4.9	7.6		20				1.1			0.30	700
680515	142	20.6	7.2	8.1		16				2.0			0.30	90
680404	1860	12.8	7.4	7.5		22				0.7			0.30	650
680208	216	2.8	12.2	7.4		12				1.8			0.30	42
671220	576	5.6	10.5	7.6		19				1.6			0.10	85
671109	19	6.1	10.0	7.7		25				0.0			0.30	20
670928	4.1	13.3	6.0	7.8	0.098	14	0.012		1.00	0.0			0.30	57
670816	7.0	20.6		7.8		14							0.30	120
670706	8.6	19.4	7.3	8.0									0.40	55
670511	324	16.7	7.6	7.5									0.20	130
670309	866	3.9	12.2	7.6									0.40	240
670125	121	8.3	11.2	7.9									0.20	30
661201	180	3.9	11.0	7.6									0.30	50
661020	14	8.9	7.2	7.5									0.60	50
660824	0.30	21.1	7.5	8.1									0.20	95
660630	52	25.0	5.4	7.9									0.00	1300
660517	119	16.7	7.8	7.7									0.40	30
660324	29	6.1	9.7	8.1									0.30	15
660125	6.0	0.0	12.6	8.0									0.20	10
651123	5.5	6.7	6.5	8.1									0.30	25
650908	1.8	22.2	5.7	8.2									0.10	85
650525	31	24.4	6.9	7.8									0.10	45
650316	100	6.7	11.7	8.1									0.20	15
641229	7.2	2.8	11.3	7.7									0.50	10
641020	0.10	10.0	5.2	7.7									0.20	18
640921	0.40	20.6	3.4										0.10	9
640804	0.60	25.6	0.0	7.6									0.10	400
640710	2.4	22.2	1.0	7.4									0.20	220
630827	3.2	23.3	7.7	7.7									0.30	60
630528	41	21.1	7.3	7.8									0.60	45
620821	8.9	25.6	5.4	7.6									0.00	70
620214	216	4.4	11.0	7.6									0.40	30
610906	11	24.4	6.3	7.8									0.00	25
610117	4.5	2.2	10.7	7.6									0.00	45
591117	89	2.2	10.2	7.3									0.00	180
590728	18	23.3	7.2	7.8										80
580924	26	20.0	6.8	7.7			0.004							30

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740923		0.2	0.000	0.000	1.0	0.00	0.24	0.0	0.0	0.2	40	40		
740710		0.0	0.000	0.000	0.6	0.00	0.20	0.0	0.0	0.1	65	25		
740618		0.0	0.000	0.000	2.5	0.01	0.25	0.0	0.0	0.2	40	30		
740402		0.4	0.000	0.000	24.0	0.02	0.75	0.0	0.0	0.2	19	45		
731218		0.0	0.000	0.000	0.8	0.02	0.33	0.0	0.0	0.2	86	55		

BEF 03 NORTH FORK ENBARRAS RIVER
ROUTE 33 BRIDGE 3 MILES WEST OF OBLONG --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
720913		0.3	0.000	0.000	1.5	0.03	0.79	0.2	0.0	0.2	105	20		
720613			0.000	0.000	8.0	0.05	0.37	0.0	0.1	0.3	90	36		
720113		0.0	0.000	0.000	0.9		0.50	0.2	0.1	0.1	76	57		
711208											600			
700730		0.0	0.000	0.000	0.4	0.00	0.10	0.0	0.1	0.2	30	19	108	104
700121											100	108	356	260
690807		0.0	0.000	0.000	0.0	0.00		0.0	0.0	0.3				
690115											115	23	332	262
681114											580	11	310	272
680814		0.0	0.000	0.000	1.4		0.20	0.0		0.2	34	8	146	180
670928		0.0	0.000	0.000	0.6	0.00	0.30	0.0	0.1	0.3	160	17	224	220
670816											175	9	360	208
670706	3										190	11	288	280
670511	2										88	15	260	168
670309	3										23	9	126	68
670125											174	58	290	208
661201	2										96	42	212	144
661020	5										550	20	460	144
660824	2										765	8	290	240
660630	4										48	8	144	208
660517	1										142	42	324	212
660324	2										255	77	340	216
660125	1										325	431	392	284
651123	1										750	49	350	284
650908	4										530	539	990	436
650525	5										115	43	264	232
650316	1										92	66	320	152
641229	1										700	72	320	288
641020	3										262	21	230	212
640921	2										34	88	200	144
640804	4										64	129	408	324
640710	5										26	447	620	224
630827	62										56	477	620	120
630528	3										102	28	240	204
620821	3										188	10	580	220
620214	2										111	55	230	138
610906	4										288	23	270	270
610117	2										285	40	144	128
591117	5										270		152	08
590728	2										118		136	140
580924	1										124		212	206

BEF 03 NORTH FORK ENBARRAS RIVER
ROUTE 33 BRIDGE 3 MILES WEST OF OBLONG --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740923		0.000	0.0	0.00	0.00		0.00		0.00	0.000		
740710		0.010	0.0	0.00	0.00		0.00		0.00	0.000		
740618		0.001	0.0	0.00	0.00		0.00		0.00	0.000		
740402		0.005	0.2	0.00	0.00		0.01		0.00	0.000		
731218			0.0	0.00	0.00		0.07			0.000		
720913		0.000	0.2	0.00	0.00	0.00	0.10		0.00	0.000		
720613				0.00	0.00	0.00	0.23					
720113				0.00	0.00	0.00	0.05	0.53			0	
700730				0.00	0.00		0.00					
690807		0.000		0.00	0.00		0.00					
680814		0.000		0.00	0.00							
670928		0.000		0.00	0.00		0.20					

BEF 04 NORTH FORK EMBARRAS 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740923		13.3	9.4	8.0	0.750		0.005	90	0.05	0.4	750		0.20	
740819		25.0	1.6	7.8	0.130		0.020	120	0.08	0.1	1150		0.30	
740701		22.2	9.6	7.9	0.100		0.000	60	0.10	1.1	633	0.0	0.50	
740618		21.7	7.8	7.6	0.110		0.000	490	0.10	1.3	833		0.60	
740516		20.6	8.6	7.1	0.890		0.010	30000	0.35	0.7	183		1.10	
740402		8.3	9.0	7.9	0.820		0.010	8700	0.30	1.4	333		0.20	
740220		4.4	11.6	8.9	0.620		0.005	1500	0.60	2.8	350		0.30	
740129		4.4	11.1	7.5	0.750		0.000	1800	1.10	1.7	217	0.4	0.20	
731217		0.6	13.3	8.3	0.080		0.000	0	0.10	2.1	750		0.50	
731129		0.3	10.5	8.2	0.000		0.000	1700	0.10	3.6	500		0.60	
731025		16.1	7.4	8.0	0.140		0.000	50	0.19	0.0		0.4	0.40	
730911		21.1	6.6	8.0	0.110		0.000	450	0.00	0.1	1150		0.40	
730822		21.7	8.5	8.0	0.100		0.030	140	0.10	0.2	800		0.40	
730725		26.1	5.5	7.6	0.560		0.000	6000	0.40	1.0	283		0.40	
730614		25.0	6.0	7.9	0.410		0.000	7000	0.20	1.9	533		0.70	
730515		15.0	11.1	8.3	0.050		0.002	0	0.00	1.0	683		0.40	
730416		14.4	9.9	8.1	0.390		0.001	40	0.00	1.6	600		0.60	
730307		13.3	8.1	7.5	2.000		0.005	3700	0.60	2.0	400		0.70	
730201		4.4	12.2	8.1	0.150		0.000	490	0.20	2.6	583		0.90	
730110		1.1	12.9	7.8	0.060		0.005	0	0.20	2.6	717		0.90	
721205		5.0	11.5	8.2	0.070		0.004	40	0.20	2.9	785		1.10	
721026		10.6	6.1	8.1	0.130		0.000	20	0.00	0.0	1800	0.0	1.20	
720913		25.6	12.2	8.1	0.050		0.038	50	0.10	0.1	2400		1.60	
720828		25.0	5.9	8.1	0.250		0.007	420	0.20	0.5	850	0.0	0.70	
720808		21.7	8.2	8.0	0.140		0.005	490	0.20	0.4	650	0.0	1.00	
720607		23.3		7.7	0.100		0.010	410	0.00	2.8	783	0.0	1.20	
720518		18.3	6.9	8.1	0.240		0.003	160	0.10	1.0	817	0.0	1.20	
720411		14.4	10.0	8.2	0.170		0.004	10	0.00	2.9	667		0.50	
720119		1.1	11.7	7.9	0.050		0.007	20	0.47	2.8	750	0.0		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740701		0.0	0.000	0.000	0.7	0.00	0.18	0.0	0.0	0.1	45	35		
740129		0.2	0.000	0.000	7.0	0.06	0.28	0.0	0.0	0.2	14	28		
731025		2.5	0.000	0.000	1.1	0.00	0.47	0.0	0.0	0.2	230	25		
730307				0.000										
721026		0.7	0.000	0.010	1.0	0.00	0.39	0.0	0.0	0.3	470	25		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOD (MG/L)
740701		0.000	0.1	0.00	0.00		0.00		0.00	0.000		
740129		0.000	0.3	0.00	0.00	0.00	0.20		0.00	0.000		
731025		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
721026		0.000	0.3	0.00	0.02	0.02	0.00		0.00	0.000		

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740906		17.8	5.0	8.0	2.000		0.010	0	14.00	2.6	833		0.60	
740816		25.6	8.1	8.3	0.650		0.005	1200	0.00	4.0	600	0.0	0.70	
740712			8.0	8.3	0.530		0.000	140	0.20	7.8	583		0.60	
740606		19.4	8.8	8.2	0.310		0.000	0	0.20	7.8	517		0.90	
740506		15.0	9.1	8.4	0.860		0.000	280	0.60	7.6	583	0.0	0.80	
740404		8.9	10.4	8.2	0.560		0.000	1600	1.10	7.4	467			
740314		7.2	12.0	8.2	0.260		0.000	13	0.30	9.0	567		0.60	
740226		1.7	13.3	8.2	0.370		0.000	0	0.80	7.8	617	0.0	0.80	
740125		4.4	11.8	8.2	0.350		0.000	480	0.40	6.6	483		0.70	
731218		0.6	13.9	8.3	1.500		0.000	0	0.70	6.9	783		0.90	
731130		7.2	11.1	8.3	0.800		0.000	0	0.50	6.0	667	0.0	0.80	
731025		16.7	9.2	8.2	4.500		0.000	150	0.30	5.8			0.70	
730927		22.8	7.1	7.9	5.000		0.000	0	0.30	7.6	917		7.10	
730822		22.8	10.4	8.5	1.800		0.025	110	0.20	5.0	783		0.80	
730725		25.0	6.8	7.9	0.370		0.005	280	0.20	4.7	467		0.90	
730615		22.8	6.9	8.2	1.000		0.000	1000	0.10	9.4	700		1.40	
730515		16.1	8.9	8.3	0.930		0.003	0	0.20	8.2	700		0.90	
730417		9.4	10.5	8.1	0.440		0.001	50	0.30	8.3	600		1.60	
730308		9.4	10.8	8.1	0.460		0.000	0	0.50	8.6	683		1.60	
730222		1.7	12.9	8.6	1.000		0.004	0	0.50	8.4	750		1.40	
730117		8.3	11.7	8.1	0.810		0.000	0	0.70	8.6	750		1.60	
721205		3.9	12.1	8.1	0.770		0.006	0	0.30	8.4	743		1.70	
721026		5.6	6.6	7.9	4.500		0.000	40	0.60	6.8	817		1.50	
720914		25.0	4.9	7.8	0.700		0.012	110000	0.50	2.4	383		1.00	
720807		23.9	7.9	8.0	2.550		0.005	1200	0.20	4.0	683	0.0	1.70	
720712		23.3		8.0	0.080		0.013	420	0.00	6.3	950	0.0	2.30	
720607		20.0		8.0	1.350		0.010	1000	0.00	10.0	767	0.0	2.30	
720411		13.3	9.9	8.2	0.060		0.005	30	0.00	5.9	633		0.60	
720120		1.7	11.5	8.1	0.255		0.008	380	1.20	8.1	580	0.0		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740816		0.1	0.000	0.000	0.4	0.00	0.00	0.0	0.0	0.4	33	49		
740506		0.0	0.000	0.000	0.5	0.00	0.04	0.0	0.1	0.3	27	53		
740226		0.0	0.000	0.000	0.4	0.00	0.04	0.0	0.0	0.3	30	62		
731130		0.0	0.000	0.000	0.3	0.00	0.07	0.0	0.0	0.4	35	57		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOE (MG/L)
740816		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
740506		0.000	0.1	0.00	0.00	0.00	0.00		0.00	0.000		
740226		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
731130		0.000	0.7	0.00	0.00	0.00	0.00		0.00	0.000		

BEZB07 INDIAN CREEK
ROUTE 1 BRIDGE 1.5 MI SOUTH OF LAWRENCEVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711208		7.8	5.7	7.4	0.196	84		740	0.20	0.2				
711102		17.8	5.1	8.0	0.522	60		10		0.0				
711004		20.0		8.2	0.392	79		680	0.70	0.0				
710728		21.7	8.9	7.7		84				0.0			7.50	160
710518		23.9		8.5		70				0.0			2.90	55
710407		11.1	15.2	8.1		66				0.0			5.80	28
710223		2.8	11.2	7.2		40				0.7			2.10	85
701202		10.0	7.0	7.7		150				0.0			5.80	20
700928		17.8	10.0	8.1		190				0.0			4.50	40
700729		30.0	13.4	8.3		180	0.013	700		0.0			4.80	240
700610		25.6	13.2	8.3		70				0.2			2.50	65
700421		16.7	10.1	7.6		33				0.0			1.40	50
700310		8.3	19.9	8.4		58				0.0			2.00	35
700120		0.6	12.5	7.5		30				0.2			2.00	30
691112		10.0	15.1	7.6		77				0.0			1.90	20
690930		19.4	12.5	8.0		100				0.0			2.50	85
690806		26.1	15.3	8.5		47	0.000	10		0.0			4.40	45
690617		21.7	7.9	7.6		35				0.5			1.90	50
690513		16.1	16.3	8.2		64				0.0			1.60	20
690409		15.0	7.0	7.3		80				0.9			0.90	550
690211		5.0	10.0	7.2		69				1.6			1.30	45
690114		0.6	9.8	7.5		300				1.1			1.70	25
681113		6.1	5.4	7.9		190				0.0			1.40	35
680813		23.9	8.5	7.8	0.163	57	0.000	220	0.10	1.4			0.40	75
680625		24.4	4.1	7.3		80				2.7			1.50	400
680514		22.8	12.4	8.2		59				0.7			0.80	28
680403		12.8	9.5	7.5		24				0.7			0.60	115
680207		3.9	9.1	7.3		20				1.1			0.50	52
671219		6.1	9.9	7.4		21				1.4			0.10	30
671108		6.7	13.9	7.0		35				0.0			0.70	20
670927		16.1	8.4	8.0	0.163	36	0.004		1.50	0.0			0.60	65
670815		23.9		8.0		46							0.70	95
670705		21.1	15.7	8.7									0.70	130
670510		16.7	14.7	8.0									0.30	55
670308		3.9	12.7	7.6									0.70	55
670125		10.0		8.8									0.30	85
661130		5.6	10.5	7.5									0.60	50
661019		11.7	3.5	7.3									2.10	120
660824		25.0	10.5	8.5									0.50	85
660629		27.8	13.0	7.2									0.50	60
660517		17.8	8.3	7.4									0.40	13
660323		13.3	15.5	8.5									0.30	35
660124		0.0	16.7	8.0									0.70	35
651123		6.7	10.0	8.3									1.00	10
650908		21.1	4.3	8.0									0.30	100
650525		20.9	6.4	7.7										85
650316		5.6	13.2	8.3									0.50	10
641229		3.3	10.7	7.7									1.00	11
641020		8.0	3.4	7.6									0.80	12
640804		28.9	1.8	7.7									0.60	40
640616		21.7	5.8	7.0									0.30	
630827		22.2	5.4	8.0									1.10	25
630528		21.1	9.6	8.4										100
620821		25.0	5.4	7.6									0.30	50
620214		6.7	12.0	7.6									0.40	15
610905		25.6	9.2	8.3									1.00	30
610116		2.2	9.7	7.6									0.00	45
591117		2.2	10.2	7.6									0.00	20
590728		24.4	3.5	7.9			0.900							80

BEZB07 INDIAN CREEK
ROUTE 1 BRIDGE 1.5 MI SOUTH OF LAWRENCEVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711208											1350			
710728											815	80	283	152

BEZB07 INDIAN CREEK
ROUTE 1 BRIDGE 1.5 MI SOUTH OF LAWRENCEVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
710407											760	155	376	92
701202											1725	35	428	184
700928											970	33	236	204
700729		0.0	0.000	0.000	0.3	0.00	1.20	0.0	0.1	0.4	1600	123	360	260
700610											700	113	316	160
700310											380	105	272	138
700120											440	120	280	132
691112											880	59	384	196
690930											2400	33	340	228
690806		0.0	0.000	0.000	0.0	0.00		0.0	0.0	0.5	1060	75	268	176
690617											670	48	272	128
690513											925	92	350	176
690211											242	50	190	88
690114											825	46	400	240
681113											600	10	290	320
680813		0.0	0.000	0.000	1.0		0.30	0.0		0.3	490	23	810	240
680625											168	78	120	72
680514											355	35	300	132
680403											240	12	220	108
671108											740	46	380	156
670927		0.0	0.000	0.000	0.4	0.00	0.50	0.0	0.0	0.3	950	31	220	172
670815											710	22	310	156
670705	8										735	31	290	200
670510	3										325	35	300	144
670308	1										250	65	216	92
670125											1200	25	400	168
661130	3										650	23	280	104
661019	8										2400	66	540	284
660824	6										900	25	240	192
660629	7										2200	17	460	268
660517	2										580	34	410	152
660323	8										1500	78	480	200
660124	7										2300	708	680	288
651123	2										5200	245	570	400
650908	5										430	662	980	332
650525	6										4700	65	610	276
650316	4										1160	100	460	192
641229	2										1320	115	330	232
641020	4										3400	360	480	400
640804	2										3400	506	620	300
640616	5										3000	1350	1860	320
630827	21										1250	110	480	232
630528	5										1550	56	360	172
620821	3										820	108	320	124
620214	4													
610905	7										2500	139	310	280
610116	4										520	136	220	84
591117	4										450	186	232	170
590728	4										1600	314	212	164

BEZB07 INDIAN CREEK
ROUTE 1 BRIDGE 1.5 MI SOUTH OF LAWRENCEVILLE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
700729				0.00	0.00		0.00					
690806		0.000		0.00	0.00		0.00					
680813		0.000		0.00	0.00							
670927		0.000		0.00	0.00		0.10					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740925		13.9	8.4	7.7	0.650		0.005	7200	1.80	6.0	567		6.00	
740819		27.2	2.5	7.4	0.710		0.020	26000	4.90	4.0			2.10	
740710		27.2	4.2	7.4	0.910		0.075	3700	10.50	2.0	2167	0.0	6.00	
740617		21.7	6.0	7.4	0.550		0.020	5300	4.50	2.0	1350		8.50	
740515		18.3	7.4	7.3	0.490		0.005	25000	0.15	2.7	333		0.50	
740401		7.2	10.0	8.1	0.520		0.010	750	0.40	3.5	900		0.80	
740220		5.0	11.6	7.6	0.460		0.010	3400	1.00	4.0	683		0.90	
740129		6.1	11.0	7.7	0.300		0.000	740	0.90	3.1	367	0.0	0.50	
731218			11.0	7.9	1.400		0.040	14000	9.00	4.0	3167		4.00	
731129		8.3	10.1	7.8	0.820		0.020	51000	2.00	2.7	933		1.30	
731029		8.9	9.8	7.7	1.100		0.045	540	0.20	12.0		0.0	2.00	
731003		20.0	6.2	7.8	1.300		0.040	81000	1.00	9.0	3500		4.00	
730716		25.6	8.6	8.2	0.880		0.075	1000	0.85	2.6	2500		4.00	
730606		24.4	6.5	8.0	0.600		0.015	590	0.40	4.2	1100		2.00	
730531		17.8	7.0	7.9	0.780		0.130	4100	0.54	2.8	1417		2.90	
730508		17.2	8.5	7.9	0.400		0.013	920	0.25	0.9	867		0.50	
730419		12.2	7.0	7.7	0.330		0.015	6600	0.42	1.2	350		0.60	
730305		11.7	2.8	7.8	0.480		0.017	3500	0.90	2.3	517		1.00	
730214		3.3	9.0	7.7	0.730		0.026	420	12.00	3.2	1500		1.60	
730111		0.6	11.4	7.8	0.820		0.021	1900	1.70	5.1	1850		3.00	
721101		14.4	7.7	7.7	0.710		0.019	66000	0.28	2.7	467	0.8	1.10	
720921		23.3	9.3	8.0			0.031	13000	0.10	9.4	3217		5.60	
720828		26.7	7.8	8.5	0.750		0.020	3000	0.20	6.2	3300	0.0	2.00	6
720802		23.9	8.3	8.0	0.980		0.016	660	0.20	3.5	1767	0.0	3.10	
720710		27.2		7.9	0.350		0.050	3300	0.30	7.1	3367	0.0	3.80	
720619		31.7	13.1	8.6	0.900		0.040	90	0.20	8.4	467	0.0	3.70	
720503		17.2	12.5	7.7	0.700		0.013	150	0.00	4.1	1483	0.0	2.30	
720411		22.2	12.3	8.1	0.050		0.049	30	2.40	8.4	1300		2.10	
720229		16.7	9.7	8.1	0.500		0.016	300	0.40	5.4	1033	0.0	1.80	10
720119		1.1	9.2	7.9	1.480		0.059	6300	31.00	3.9	200	0.0		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740710		0.0	0.000	0.000	7.8	0.00	0.62	0.0	0.1	0.9	400	105		
740129		0.1	0.000	0.000	0.9	0.00	0.07	0.0	0.0	0.2	26	46		
731029		0.2	0.000	0.000	0.3	0.01	0.41	0.0	0.2	2.0	395	500		
721101		0.0	0.000	0.000	1.6	0.03	0.17	0.0	0.1	0.3	70	75		
720828		0.4	0.020	0.000	0.3	0.04	0.28	0.0	0.2	0.8	600	540		
720503			0.000	0.000	0.3	0.00	1.40	0.0	0.1	1.1	12	230		
720229			0.000	0.000	0.3	0.00	1.50	0.0	0.2	1.1	171	165		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740819												1380
740710		0.000	0.4			0.44	0.00		0.00	0.000		1320
740129		0.000	0.4	0.00	0.00	0.00	0.00		0.00	0.000		
731218												1920
731029		0.020	0.3	0.00	0.16		0.00		0.01	0.010		1600
721101		0.000	0.2	0.00	0.06		0.15		0.00	0.000		
720828		0.009	0.7	0.00	0.04	0.04	0.51		0.00	0.040		
720503				0.00	0.00		0.10					
720229				0.10	0.00	0.10	0.04	0.15			0	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740830		20.6	7.5	7.9	0.530		0.000	10000	0.20	0.9	367		0.40	
740709		26.7		8.2	0.160		0.000	290	0.10	0.4	567		0.20	
740611		20.0	8.7	8.2	0.130		0.000	450	0.00	0.4	517	0.0	0.20	
740508		12.2	11.1	8.3	0.250		0.000	600	0.20	0.2	500		0.10	
740226		1.7	13.1	8.2	0.230		0.000	0	0.40	0.8	517		0.30	
740129		6.1	12.3	8.0	0.220		0.000	110	0.30	0.8	317		0.20	
731217		0.6	13.2	8.3	0.310		0.000	0	0.30	0.7	617	0.0	0.20	
731129		7.8	10.6	8.2	0.280		0.000	200	0.30	1.4	450		0.40	
731025		18.3	16.1	8.7	0.420		0.000	310	0.00	0.0			0.20	
730928		22.8	9.3	8.3	0.380		0.000	340	0.00	0.2	583		0.20	
730823		23.9	9.3	8.2	0.180		0.000	100	0.10	0.2	550		0.20	
730725		26.1	6.7	7.8	0.190		0.000	290	0.10	0.3	417		0.30	
730614		26.7	7.9	8.3	0.190		0.000	90	0.10	0.5	567		0.50	
730515		16.1	10.9	8.3	0.120		0.006	30	0.10	0.2	567		0.20	
730416		13.9	9.5	8.2	0.160		0.005	450	0.10	0.2	450		0.40	
730307		14.4	16.8	7.4	0.470		0.004	3000	0.60	0.9	317		0.45	
730221		5.0	11.4	8.7	0.170		0.022	0	0.20	0.6	567		0.70	
730201		4.4	12.0	8.0	0.460		0.003	4300	0.30	1.7	383		0.50	
721206		1.7	12.4	8.1	0.160			7600	0.20	0.8	467		0.50	
721101		12.2	7.2	7.9	0.560		0.019	69000	0.44	0.7	483		0.80	
720920		25.6	7.3	8.2	0.050		0.002	0	0.10	0.1	517	0.0	0.40	
720829		22.8	6.1	8.2	0.100		0.019	22000	0.30	0.0	617	0.0	0.80	
720710		28.3		8.3	0.130		0.011	120	0.30	0.0	567	0.0	0.60	
720619		25.0	8.0	8.0	0.100		0.008	10	0.00	0.3	517	0.0	0.05	10
720503		15.0	8.8	7.7	0.050		0.003	0	0.00	0.3	483	0.0	0.40	
720411		17.8	9.0	8.3	0.200		0.005	0	0.00	0.5	467		0.30	
720301		12.2	10.5	8.1	0.000		0.002	600	0.25	2.5	517	0.0	0.95	15

BH 01 MILL CREEK
COUNTY ROAD BRIDGE 2 MI NORTH OF ALLBRIGHT —CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740611		0.1	0.000	0.000	0.3	0.00	0.09	0.0	0.0	0.2	9	35		
731217		0.0	0.000	0.000	0.4	0.00	0.34	0.0	0.0	0.3	18	53		
720920		0.1	0.010	0.000	0.1	0.02	0.28	0.0	0.0	0.1	16	42		
720619			0.000	0.000	0.4	0.00	0.30	0.0	0.1	0.1	14	35		
720301			0.000	0.000	0.3	0.00	0.70	0.0	0.1	0.3	21	55		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740611		0.000	0.1	0.00	0.00	0.00	0.00		0.00	0.000		
731217		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
720920		0.000	0.2	0.00	0.00	0.00	0.24		0.00	0.000		
720619				0.00	0.00	0.00	0.11					
720301				0.00	0.00	0.00	0.25	0.30			0	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740911		23.3	10.4	8.4	0.040		0.000	750	0.00	0.7	533		0.20	
740830		22.2	8.0	8.3	0.340		0.000	12800	0.00	1.5	433	0.0	0.40	
740709		26.7		8.3	0.080		0.000	0	0.00	2.1	517		0.40	
740611		20.0	9.8	8.3	0.050		0.000	130	0.00	2.1	533		0.30	
740226		1.7	13.2	8.3	0.110		0.000	0	0.30	2.4	483	0.0	0.40	
740129		6.7	12.1	8.2	0.230		0.000	10	0.30	2.3	383		0.30	
731217		1.7	13.2	8.4	0.110		0.000	0	0.10	2.2	567		0.30	
731129		8.3	11.3	8.4	0.180		0.000	20	0.10	2.6	483	0.0	0.40	
731025		17.8	13.0	8.4	0.130		0.000	10	0.00	0.6			0.20	
730928		22.2	9.5	8.4	0.040		0.000	20	0.00	1.0	550		0.20	
730823		24.4	7.2	8.0	1.800		0.015	10	0.70	2.1	767		0.40	
730725		25.6	6.6	8.0	0.190		0.000	90	0.10	1.5	433		0.40	
730614		28.9	7.4	8.4	0.120		0.000	50	0.10	5.2	517		0.60	
730515		17.2	10.0	8.4	0.030		0.000	0	0.00	1.6	533		0.30	
730416		14.4	9.7	8.3	0.070		0.000	0	0.00	1.7	483		0.60	
730307		15.0	8.5	7.5	0.580		0.004	8200	0.50	1.9	367		0.60	
730221		6.7	11.9	8.7	0.140		0.000	0	0.00	2.2	550		0.60	
730201		6.7	12.0	8.1	0.570		0.003	2300	0.30	2.5	433		0.60	
721206		1.7	12.9	8.1	0.190			37000	0.20	2.1	450		0.70	
721101		13.3	9.4	8.1	0.440		0.011	68000	0.23	0.7	417		0.50	
720920		25.6	6.4	8.2	0.080		0.010	50	0.10	0.1	700		0.80	
720713		28.9		8.5	0.000		0.009	0	0.00	0.4	517	0.0	0.30	
720620		27.2	12.6	8.1	0.380		0.003	0	0.00	0.5	517	0.0	0.32	1
720503		16.7	8.9	8.0	0.060		0.004	30	0.00	1.7	517	0.0	0.50	
720411		17.8	8.9	8.1	0.050		0.002	10	0.00	1.6	517		0.30	
720309		2.8	13.6	8.4	0.060		0.000	0	0.00	1.2	417		0.20	1

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740830		0.1	0.000	0.000	0.6	0.00	0.05	0.0	0.0	0.2	6	30		
740226		0.0	0.000	0.000	0.4	0.00	0.03	0.0	0.0	0.2	11	52		
731129		0.0	0.000	0.000	1.0	0.00	0.06	0.0	0.0	0.2	14	48		
720620			0.000	0.000	0.1	0.00	0.04	0.0	0.0	0.6	13	45		
720503			0.000	0.000	0.3	0.00	0.40	0.0	0.0	0.2	24	38		
720309				0.000	0.2		0.70			0.1	20	90		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOD (MG/L)
740830		0.000	0.1	0.00	0.00	0.00	0.00		0.00	0.000		
740226		0.000	0.1	0.00	0.00	0.00	0.00		0.00	0.000		
731129		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
720620				0.00	0.00	0.00	0.09					
720503				0.00	0.00		0.10					
720309							0.08	0.05				

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN . (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740911		21.1	8.5	8.2	0.930		0.000	220	0.10	1.4	767	0.0		
740830		20.0	7.6	8.1	0.670		0.000	5600	0.40	1.4	450		0.50	
740709		27.2		8.1	0.530		0.000	100	0.00	3.5	517		0.70	
740611		18.3	8.6	8.1	0.110		0.000	1400	0.00	0.4	517	0.0	0.20	
740508		11.1	10.2	8.2	0.350		0.000	17500	0.40	2.1	533		0.40	
740226		2.8	13.3	8.4	0.240		0.000	0	0.40	3.8	517		0.50	
740129		6.1	11.9	8.0	0.300		0.000	40	0.40	3.7	383		0.40	
731217		1.1	13.4	8.3	0.350		0.000	0	0.60	2.2	567	0.0	0.40	
731129		7.8	11.0	8.5	0.310		0.000	150	0.20	2.0	467		0.40	
731025		15.0	9.6	8.2	1.000		0.000	80	0.10	3.0			0.60	
730928		22.8	6.6	8.0	1.500		0.000	800	1.10	2.3	617		0.50	
730823		22.2	5.4	8.0	2.500		0.015	0	1.00	2.6	850		0.50	
730725		24.4	6.5	7.8	0.430		0.000	240	0.50	2.2	350		0.40	
730614		26.1	7.9	8.2	0.700		0.000	40	0.10	3.0	550		0.80	
730515		12.8	11.9	8.4	0.630		0.003	10	0.80	3.9	600		0.50	
730416		13.3	9.6	8.1	0.840		0.002	4000	0.50	3.1	500		0.80	
730307		12.8	9.8	7.8	0.440		0.000	2500	0.30	3.9	500		1.05	
730221		3.3	13.6	8.7	0.620		0.002	10	1.20	3.2	633		0.80	
730201		7.2	11.8	8.1	0.480		0.000	140	1.30	3.4	550		0.70	
721206		2.8	12.5	8.0	0.420			180000	1.20	2.6	467		0.80	
721031		8.3	6.1	7.9	4.800		0.019	610		1.1	967		1.20	
720920		25.6	5.5	8.0	4.500		0.008	5400	2.60	4.5	883	0.0	1.50	
720713		28.3		8.1	4.750		0.003	700	2.10	2.3	883	0.0	1.30	
720620		27.2	11.4	8.3	0.950		0.007	10	0.00	2.3	583	0.0	0.80	
720503		15.0	9.0	7.6	0.400		0.003	680	0.20	5.2	567	0.0	1.30	
720412		11.1	8.1	7.7	0.860		0.007	70000	2.20	2.4	500	0.0	0.30	27
720309		3.9		8.5	0.370		0.000	0	0.80	2.4	467		0.60	0

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740911		0.0	0.000	0.000	0.2	0.00	0.10	0.0	0.0					
740611		0.1	0.000	0.000	0.3	0.00	0.09	0.0	0.0	0.2	9	35		
731217		0.0	0.000	0.000	0.3	0.00	0.18	0.0	0.0	0.4	25	57		
720920		0.0	0.000	0.000	0.7	0.02	0.12	0.0	0.0	1.0	90	120		
720503			0.000	0.000	0.2	0.00	0.80	0.0	0.0	0.3	30	55		
720412			0.000	0.000	0.1	0.00	0.60	0.0	0.1	0.3	24	55		
720309											29	105		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740911		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
740611		0.000	0.1	0.00	0.00	0.00	0.00		0.00	0.000		
731217		0.000	0.5	0.00	0.00	0.00	0.00		0.00	0.000		
720920		0.000	0.4	0.00	0.00	0.00	0.21		0.00	0.000		
720503				0.00	0.00		0.10					
720412				0.00	0.00	0.00	0.09					

BN 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740911		22.2	8.3	8.3	0.770		0.000	1300	0.00	1.2	350		0.40	
740830		20.0	8.0	8.2	0.440		0.000	13400	0.10	1.4	483		0.40	
740709		26.7	8.9	8.0	0.120		0.000	0	0.00	7.5	567	0.0	0.80	
740611		19.4	9.0	8.4	0.110		0.000	800	0.00	7.2	567		0.80	
740226		1.7	14.0	8.5	0.060		0.000	0	0.40	7.6	567		0.70	
740129		6.1	11.8	8.0	0.330		0.000	0	0.50	5.8	417	0.0	0.50	
731217		0.6	14.1	8.5	0.020		0.000	0	0.10	6.4	617		0.60	
731129		8.3	11.4	8.4	0.150		0.000	0	0.10	7.6	550		0.70	
731025		15.0	9.6	8.2	0.120		0.000	50	0.09	2.1		0.0	0.30	
730928		22.8	8.8	8.3	0.140		0.000	450	0.00	1.5	567		0.20	
730823		22.2	7.7	8.3	0.680		0.000	8000	0.10	6.4	650		0.60	
730725		23.9	7.2	7.9	0.300		0.000	1300	0.10	5.3	422		0.70	
730614		25.6	7.8	8.4	0.230		0.000	60	0.10	7.4	503		1.20	
730515		11.7	10.4	8.4	0.010		0.002	0	0.00	6.5	503		0.60	
730416		13.9	9.8	8.3	0.030		0.000	10	0.00	7.2	567		1.40	
730221		3.9	13.8	8.6	0.050		0.002	0	0.00	7.0	617		1.20	
730201		7.2	12.1	8.2	0.050		0.003	170	0.10	8.1	550		1.30	
721206		2.8	12.7	8.1	0.230			14000	0.20	6.4	533		1.30	
721031		11.1	9.9	8.3	0.110		0.007	80	0.08	4.2	650	0.5	1.00	
720920		25.6	9.3	8.3	0.080		0.005	10	0.00	0.8	550		0.60	
720713		28.9		8.5	0.060		0.003	0	0.00	5.3	617	0.0	1.30	
720620		25.6	8.6	8.2	0.100		0.006	30	0.00	11.0	650	0.0	2.00	
720503		14.4	9.2	7.9	0.050		0.000	10	0.00	9.9	583	0.0	1.80	
720412		13.9	6.7	8.1	0.210		0.004	11300	0.00	6.2	700	0.0	0.70	52
720309		3.9	15.5	8.4	0.070		0.000	0	0.30	6.2	450		1.00	2

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740709		0.0	0.000	0.000	0.3	0.00	0.29	0.0	0.0	0.2	14	91		
740129		0.1	0.000	0.000	1.3	0.00	0.11	0.0	0.0	0.2	13	36		
731025		0.0	0.000	0.000	0.2	0.00	0.03	0.0	0.0	0.2	16	53		
721031		0.0	0.000	0.000	0.1	0.02	0.05	0.0	0.1	0.3	21	53		
720412			0.000	0.000	0.6	0.00	0.10	0.0	0.1	0.4	91	52		
720309											31			

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-NIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740709		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740129		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
731025		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
721031		0.000	0.0	0.00	0.00		0.27		0.00	0.000		
720412				0.00	0.00	0.00	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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740924		13.9	9.3	8.4	0.220		0.000	110	0.00	1.8	667		0.40	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
740827		26.1	7.4	8.4	0.030		0.005	100	0.00	4.8	600	0.0	0.90	
740718		24.4	8.3	8.4	0.120		0.000	0	0.00	8.6	633		0.70	
740625		17.2	9.0	7.9	0.330		0.000	1800	0.80	6.7	350		0.60	
740529		17.2	8.7	8.1	0.150		0.000	150	0.20	8.9	583	0.0	1.10	
740418		12.2	10.3	8.4	0.090		0.000	120	0.20	9.1	583		0.90	
740326			15.0	8.4	0.050		0.000	0	0.10	8.4	583		0.60	
740227		4.4	13.5	8.2	0.030		0.000	0	0.00	8.8	583	0.0	0.70	
731228		3.9	12.1	8.1	0.230		0.000	450	0.10	7.7	433		0.70	
731204		11.7	10.1	8.5	0.110		0.000	0	0.10	7.4	650	0.0	0.70	
731024		15.6	10.2	8.6	0.090		0.000	0	0.00	5.3			0.60	
730920		17.8	9.0	8.4	0.120		0.000	0	0.10	6.0	667		0.60	
730807		25.0	7.8	8.3	0.080		0.005	20	0.10	7.4	650		0.90	
730711		25.0	7.1	8.4	0.110		0.005	10	0.10	7.8	617		1.10	
730606		18.9	8.5	8.2	0.200		0.000	1000	0.20	15.3	517		1.00	
730509		15.6	9.6	8.3	0.060		0.001	70	0.10	8.5	567		1.10	
730411		6.7	12.6	8.1	0.040		0.000	0	0.00	9.2	600		1.50	
730320		7.2	11.6	8.0	0.050		0.003	50	0.10	9.3	600		1.70	
730214		3.3	13.3	8.2	0.030		0.000	10	0.10	8.5	633		1.50	
730104		3.9	12.2	7.9	0.130		0.005	1400	0.10	7.0	517		1.30	
721130		6.7	12.0	7.9	0.040		0.003	0	0.10	8.8	850		1.60	
721017		11.1	10.1	8.2			0.000	0	0.10	8.9	717		1.20	
720920		25.0	7.9	8.4	0.070		0.003	0	0.00	7.4	633		1.30	
720822		28.3	3.8	7.9	0.080		0.006	2600	0.30	1.2	483	0.0	0.60	
720727		25.6	6.6	8.3	0.080		0.000	100	0.30	5.0	583	0.0	1.40	17
720713		29.4		8.4	0.050		0.003	10	0.00	11.0	667	0.0	2.20	
720530		20.6	7.6	8.0	0.050		0.010	3500	0.00	9.7	583	0.0	1.80	
720427		13.9	9.7	7.8	0.050		0.003	6000	0.20	13.0	600	0.0	1.70	25
720329		5.6	12.0	8.0	0.000		0.002	120	0.00	9.2	433	0.0	1.40	4
711228		6.7	11.5	8.1	0.300	8		30	0.80	2.5				
711028		16.1		8.0	0.065	11		160	0.30	0.2				
710922		17.8		8.3	0.916	15		90	0.30	0.2				
710603		22.2	8.0	8.0	0.326	30			0.30	1.8			2.50	14
710426		15.6	11.5	7.9	0.065	50			0.60	0.9			1.80	19
710324		4.4	13.6	8.2	0.000				0.20	1.8			2.20	27
710119		0.0	14.0	8.3	0.163	30			0.20	1.1			2.30	2
701102		8.9	8.3	8.1	0.065	21			0.20	0.2			0.80	13
700930		15.6	9.3	8.4	0.065	24			0.20	0.0			0.40	70
700813		22.8	7.0	7.7	0.065	12	0.000	210	0.20	0.0			0.80	90
700624		22.8	8.3	8.1	0.098	9			0.10	1.6			1.90	25
700514		17.2	9.3	8.0	0.163	8			0.20	2.3			2.20	65
700330		6.7	13.6	8.2	0.196	7			0.30	1.6			1.90	15
700216		0.6	15.6	8.1	0.131	11			0.30	1.4			1.60	5
691217		2.8	15.5	8.1	0.065	6			0.60	1.4			1.10	10
691201		4.4	13.4	7.8	0.065	3			0.10	1.6			1.30	3
691022		12.2	10.0	8.0	0.098	10			0.10	1.4			1.30	45
690929		15.0	8.8	7.8	0.163	20			0.30	0.7			1.40	30
690828		23.3	6.4	7.9	0.065	16	0.000	670	0.10	0.0			0.40	95
690630		26.7	6.0	8.1	0.098	12			0.20	1.4			1.50	70
690528		16.7	8.2	8.1	0.653	9			0.20	1.1			1.20	35
690422		12.8	12.4	8.1	0.065	5			1.60	9.5			1.30	120
690331		4.4	14.9	8.3	0.065	14			0.00	7.0			1.20	20
690226		4.4	13.6	8.0	0.261	6			0.50	5.9			1.40	25
690115		0.0	13.8	7.9	1.632	15			0.10	6.8			0.50	15
681121		4.4	11.6	8.1	0.228	7			1.90	3.6			0.60	20
681002		18.3	7.1	8.0	0.457	5			0.70	0.0			0.10	60
680828		20.0	7.9	7.9	0.065	20	0.012	10	0.20	2.9			0.30	9
680724		27.2	7.0	7.9	0.196	10			1.00	4.3			.0.40	34
680605		19.4	8.9	8.2	0.098	7			0.50				0.90	75
680501		17.8	10.5	8.2	0.131	7			0.10	6.8			0.50	33
680410		12.2	10.6	8.0	0.555	6			1.00	7.9			1.00	75
680304		3.9	15.1	7.8	0.392	10			0.50	7.9			0.40	10
671102		10.0	8.0	7.8	0.131	15			0.80	0.0			0.30	6
670831		16.7		7.9	0.098	11			0.70				0.30	20
670614		22.8	7.7	8.1									0.30	85
670503		13.3	9.9	7.9									0.30	35
670221		1.1	13.5	7.6									0.60	6
661117		8.9	8.9	7.5									0.20	30
660908		17.8	5.9	8.0									0.20	30
660818		25.6	4.7	7.9									0.10	35
660707		25.6	6.9	8.0									0.00	45
660505		14.4	10.4	8.0									0.20	500

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
660310		4.4	14.1	8.1									0.20	5
660131		3.0	15.0	8.1									0.00	3
651220		2.8	11.5	8.0									0.20	9
651006		13.3	9.6	8.5									0.20	40
650623		23.3	7.4	8.3									0.00	85
650428		11.1	10.6	7.9									0.10	60
650127		1.7	13.4	7.9									0.40	40
641118		8.3	6.1	7.7									0.10	130
640923		21.1	4.9	7.6									0.10	180
630930		14.4	7.1	7.9										45
621217		2.2	9.0	7.6									0.30	10
620312		4.4	11.8	7.7									0.20	300
610620		20.0	8.0	7.9									0.10	150
600728		26.7	5.5	7.9									0.00	50
591201		1.1	13.5	7.9									0.00	7

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740827		0.0	0.000	0.000	0.1	0.00	0.00	0.0	0.0	0.3	14	46		
740529		0.0	0.000	0.000	1.0	0.00	0.09	0.0	0.0	0.2	15	48		
740227		0.0	0.000	0.000	0.2	0.01	0.05	0.0	0.0	0.2	15	47		
731204		0.1	0.000	0.000	0.8	0.00	0.09	0.0	0.0	0.3	15	47		
720727		0.0	0.000	0.000	0.4	0.02	0.20	0.0	0.2	0.3	20	62		
720427			0.000	0.000	0.7	0.00	0.60	0.0	0.0	0.2	19	70		
720329			0.000	0.000	0.2	0.00	0.30	0.0	0.0	0.3	25	56		
711228											29			
700813		0.0	0.000	0.000	0.1	0.00	0.10	0.0	0.1	0.4	22	25	268	200
690828		0.0	0.000	0.000	0.0	0.06		0.0	0.0	0.5				
680828		0.7	0.000	0.000	0.3	0.00	0.10	0.0	0.0	0.3	15	19	332	244
670811		0.0	0.000		0.0	0.00	0.00	0.0	0.0	0.0	17	32	316	208
670614	4										16	25	384	204
670503	1										14	20	312	232
670221	1										22	20	344	244
661117	3										64	31	336	256
660908	3										21	19	304	222
660818	3											28	248	194
660707	4										42	26	296	228
660505	1											280	344	244
660310	1										14	20	320	228
660131	1										18	65	416	276
651220	1										20	29	332	248
651006	1										12	42	280	248
650623	1										15	26	272	212
650428	1										12	22	248	136
650127	1										32	43	212	204
641118	3										20	200	280	184
640923											22	232	296	212
630930	4										6	83	280	206
621217	1										26	30	500	74
620312	0										11	39	204	130
610620	3										18	77	264	184
600728	2										12		312	244
591201	1										14		320	230

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740827		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		

BO 06 LITTLE VERMILLION RIVER
COUNTY ROAD BRIDGE 2 MI SOUTHEAST OF GEORGETOWN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740529		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740227		0.000	0.1	0.00	0.00	0.00	0.08		0.00	0.000		
731204		0.000	0.8	0.00	0.00	0.00	0.00		0.00	0.000		
720727		0.000	0.9	0.00	0.00	0.00	0.10		0.00	0.000		
720427				0.00	0.00	0.00	0.06					
720329				0.00	0.00	0.00	0.02					
700813				0.00	0.00		0.00					
690828		0.000		0.00	0.00		0.00					
680828		0.000		0.00	0.00		0.00					
670831				0.00	0.00		0.00					

BP 01 VERMILLION RIVER
COUNTY ROAD BRIDGE 3.5 MI SOUTHEAST OF DANVILLE
LAB: CHAMPAIGN DISCHARGE DATA: 03339000 VERMILLION 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740829	251	25.6		8.2	0.770		0.000	800	0.80	3.6	850		0.60	
740717	388	26.1	7.8	8.5	0.390		0.000	1170	0.10	6.2	750	0.0	0.90	
740710	795	26.7	8.0	8.3	0.430		0.000	2500	0.30	8.1	667	0.0	1.00	
740702	1410	23.9	8.3	8.1	0.340		0.000	420	0.20	8.6	717	0.0	1.00	
740628	3210	20.0	9.9	8.1	0.470		0.000	2700	0.30	7.8	500	0.0	0.70	
740619	840	22.2	8.5	8.3	0.280		0.000	1800	0.20	8.5	717	0.0	0.80	
740527	2720	17.2	10.0	8.0	0.290		0.000	250	0.30	8.4	533		0.90	
740424	1390		10.6	8.5	0.290		0.000	60	0.50	7.2	617		0.90	
740227	2260	3.9	13.8	8.1	0.210		0.000	170	0.30	8.5	583		0.60	
731228	7690	3.3	12.4	8.1	0.320		0.000	3500	0.20	7.9	467	0.0	0.70	
731204	1230	10.6	10.7	8.4	0.400		0.000	0	0.30	4.2	583		0.50	
731024	194	17.2	10.7	8.5	0.900		0.000	10	0.60	5.0			0.60	
730920	194	20.6	9.1	8.3	0.830		0.000	320	0.40	4.8	833		0.60	
730807	600	26.1	6.9	8.4	0.350		0.005	170	0.30	6.3	700		0.80	
730711	565	25.0	7.1	8.4	0.370		0.000	1500	0.50	6.8	650		1.00	
730606	7540	20.0	7.5	8.0	0.780		0.000	12000	0.50	6.1	350	0.0	0.50	
730509	1130	16.1	9.7	8.3	0.310		0.002	0	0.60	7.8	650		1.10	
730411	1920	7.2	11.8	8.0	0.270		0.000	500	0.30	8.3	600		1.40	
730320	3420	7.2	11.8	8.1	0.160		0.002	200	0.30	8.5	600	0.0	1.60	
730214	944	3.3	13.2	8.2	0.290		0.000	0	0.10	7.9	733		1.50	
730104	5420	2.8	12.5	7.9	0.250		0.005	220	0.30	6.6	517		1.20	
721130	1620	5.6	12.3	8.2	0.190		0.004	100	0.40	8.0	700		1.60	
721017	495	13.9	10.0	8.2			0.005	20	0.60	8.0	800		1.20	
720822	84	27.8	5.8	8.3	0.840		0.006	130000	2.90	2.3	883	0.0	0.80	
720727	437	25.0	7.2	8.3	0.510		0.000	45000	1.10	3.9	533	0.0	1.20	120
720705	470	21.7	8.0	8.2	0.700		0.000	7000	0.40	7.9	650	0.0	1.80	
720530	370	21.1	7.1	8.1	0.900		0.010	2500	0.50	8.9	733	0.0	1.80	
720427	2230	12.8	10.0	7.9	0.140		0.003	1900	0.20	12.0	617	0.0	1.50	33
720329	1370	6.7	11.5	8.0	0.260		0.004	11000	0.40	8.1	433	0.0	1.35	38
711228	1040	5.6	12.2	8.3	0.000	7		180	0.50	2.0				
711020	76	18.3		8.2	2.382	14		10000	6.90	0.9				
710922	165	20.0		8.5	4.731	16		770	0.20	0.5				
710603	559	23.9	8.9	8.2	0.685	44			0.90	0.9			1.50	10
710426	227	16.7	10.3	8.0	0.555	42			2.90	0.9			1.90	14
710324	1280	3.9	13.7	8.1	0.300				0.80	1.8			2.00	50
710119	170	0.6	14.5	8.3	1.240	30			6.50	0.9			2.10	5
701102	793	10.0	10.2	8.2	0.392	24			2.00	1.4			1.70	38
700930	994	16.7	9.3	8.1	0.326	20			0.30	1.4			1.30	70
700813	103	25.6	7.5	8.0	1.566	15	0.000	4200	0.10	0.5			1.30	50
700624	406	23.3	7.5	8.1	0.750	13			0.90	2.0			2.10	100
700514	2650		8.8	8.0	0.065	14			0.40	2.0			2.20	170
700330	1530	6.1	13.2	8.1	0.359	12			0.20	2.0			2.10	40
700216	318	1.1	15.1	8.2	0.131	12			1.40	1.1			1.60	10
691217	374	2.8	14.4	8.2	0.848	9			1.60	1.4			1.40	15
691201	660	3.3	13.8	7.9	0.392	5			0.30	1.6			1.50	8
691022	362	11.1	10.1	8.1	0.979	12			0.10	1.4			1.40	45
690929	82	16.1	8.4	8.1	3.198	17			1.20	1.1			1.30	70
690828	53	26.7	4.8	8.0	2.284	18	0.000	35000	3.00	1.1			1.20	95
690630	320	26.7	6.5	8.2	0.718	13			0.20	1.6			1.50	70
690528	560	16.7	9.2	8.3	0.587	10			0.20	1.4			1.30	25

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
690422	2950	12.8	10.1	8.1	0.163	10			2.20	9.0			1.30	170
690331	1510	4.4	14.2	8.2	0.326	12			0.40	8.6			1.30	50
690226	620	5.0	13.1	7.9	5.547	12			0.70	4.5			1.20	20
690115	210	1.1	13.2	8.0	2.610	8			1.80	7.2			0.60	18
681121	253	5.6	12.3	8.1	1.077	8			4.20	1.8			0.40	40
681002	68	19.4	8.9	8.2	2.121	7			0.80	3.2			0.40	70
680828	186	23.3	8.5	8.2	0.294		0.000	500	0.40				0.40	45
680724	818	27.8	7.5	8.2	0.424	11			1.00	6.1			0.60	58
680605	1560	21.1	8.7	8.2	0.424	7			1.30	7.7			0.80	70
680501	391	18.9	10.8	8.2	0.424	9			0.40	7.9			0.60	20
680410	1320	12.2	10.3	7.8	0.228	7			1.00	8.8			0.90	150
680304	364	4.4		7.9	1.142	11			2.60	6.8			0.40	10
671102	161	11.7	4.6	7.6	4.500	20			2.80	3.2			0.60	15
670831	63	18.9		7.8	2.871	19			1.30	2.0			0.30	57
670614	502	25.6	8.3	8.2									0.30	45
670500	828	12.8	10.5	7.8									0.30	25
670221	700	0.6	14.0	7.8									0.60	30
661117	81	11.1	6.4	7.9									0.60	15
660908	50	21.1	1.7	7.8									0.40	30
660818	63	27.8	0.4	7.8									0.50	35
660707	122	26.7	5.7	8.0									0.00	42
660505	1420	15.6	9.9	7.8									0.20	65
660310	882	6.1	12.6	8.1									0.30	10
660131	180	0.0	12.6	8.0									0.50	60
651220	189	1.7	12.8	8.2									0.20	6
651006	362	13.9	9.5	8.5									0.00	70
650620	272	25.6	7.2	8.4									0.10	35
650428	2540	11.1	10.5	7.7									0.20	110
650127	1800	2.2	13.8	7.7									0.50	120
641118	160	11.1	6.5	7.7									0.60	130
640923	62	22.8	5.7	7.9									0.80	160
640721	590	27.8		8.1									0.20	120
630930	39	16.7	5.4	7.7										45
630429	452	17.8	7.8	8.1									0.50	95
621217	76	3.3	9.1	7.5									1.20	45
620312	5790	4.4	11.6	6.8									0.00	950
610620	1140	20.0	7.2	7.8									0.60	130
600728	270	25.6	6.4	7.7									0.00	12
591201	166	1.1	12.4	7.8									0.00	11
590810	50	23.3	4.6	8.1									3.00	8
581203	580	2.2	12.4	7.7					1.20	1.6			3.00	14

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740717		0.0	0.000	0.000	1.0	0.00	0.05	0.0	0.0	0.3	22	79		
740710		0.0	0.000	0.000	1.0	0.00	0.06	0.0	0.0	0.0	22	76		
740702		0.0	0.000	0.000	2.3	0.00	0.25	0.0	0.0	0.2	17	68		
740628		0.0	0.000	0.000	4.1	0.00	0.24	0.0	0.1	0.2	13	59		
740619		0.0	0.000	0.000	2.1	0.02	0.10	0.0	0.0	0.2	18	70		
731228		0.0	0.000	0.000	2.8	0.01	0.12	0.0	0.0	0.3	18	52		
730606		0.2	0.000	0.000	9.0	0.01	0.37	0.0	0.1	0.3	16	44		
730320		0.0	0.000	0.000	1.4	0.08	0.08	0.0	0.0	0.4	17	65		
720727		0.1	0.000	0.000	4.0	0.02	0.20	0.0	0.2	0.5	29	88		
720427			0.000	0.000	1.1	0.00	0.64	0.0	0.1	0.3	21	72		
720329			0.000	0.000	0.2	0.00	0.30	0.0	0.0	0.4	32	70		
711220											32			
700813		0.0	0.000	0.000	0.1	0.00	0.10	0.0	0.0	1.9	51	135	340	200
690929											105	165	330	204
690828		0.0	0.000	0.000	0.0	0.00		0.0	0.0	3.5	75	200	344	200
690115											37	54	396	240
681002											48	135	364	240
680828		0.0	0.000	0.000	0.6	0.00	0.10	0.0	0.0	0.6	330	200	200	203
670831		0.0	0.000		0.0	0.00	0.00	0.0	0.0	1.9	90	100	370	208

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
670614	6										31	55	360	244
670503	4										22	33	304	224
670221	2										24	25	324	232
661117	8										90	65	560	296
660908	8										100	73	420	252
660818	14										52	98	310	228
660707	8										72	45	344	240
660505	3										14	38	368	216
660310	4										16	34	352	212
660101	4										26	90	456	292
651220	2										26	31	352	212
651006	3										14	49	240	200
650623	4										34	20	344	236
650428	2										16	28	256	142
650127	3										46	54	256	240
641118	7										68	350	340	248
640923											40	500	340	232
640721											16	65	280	240
630930											46	270	350	264
630429	10										16	90	316	220
621217	6										58	78	470	350
620312	4										10	17	140	76
610620	6										15	123	292	192
600728	2										20		312	234
591201	4										23		368	224
590810	2										51		348	248
581203	5				0.4		0.70			0.4	12	76	296	250

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

DATE	SUSPENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	NCE (MG/L)
740717		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
740710		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740702		0.000	0.3	0.00	0.01	0.01	0.00		0.00	0.000		
740628		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
740619		0.000	0.2	0.00	0.02	0.02	0.00		0.00	0.000		
731228		0.000	0.9	0.00	0.00	0.00	0.00		0.00	0.000		
730606		0.000	1.0	0.00	0.03	0.03	0.01		0.00	0.000		
730320		0.000	0.1	0.00	0.00	0.00	0.14		0.00	0.000		
720727		0.000	2.5	0.00	0.00	0.00	0.11		0.00	0.000		
720427				0.00	0.00	0.00	0.11					
720329				0.00	0.00	0.00	0.01					
700810				0.00	0.00		0.00					
690820		0.000		0.00	0.00		0.00					
680828	0	0.000		0.00	0.00		0.00					
670831				0.00	0.00		0.00					

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

DATE	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740829		25.6	6.6	8.2	0.280		0.005	100	0.00	2.2	600		0.50	
740723		25.6	10.4	8.4	0.280		0.000	0	0.20	5.5	567	0.0	0.80	
740627		20.0		8.0	0.240		0.000	40	0.20	8.2	417		0.80	
740527		19.4	9.9	7.9	0.180		0.000	380	0.30	8.6	483		1.10	
740424			10.5	8.5	0.190		0.000	150	0.50	7.4	533	0.0	0.80	
740227		3.3	13.4	8.1	0.100		0.000	90	0.30	8.4	483		0.70	
740201		5.0	11.9	8.3	0.150		0.000	130	0.20	8.3	483	0.0	0.80	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
731228		2.8	13.9	8.2	0.250		0.000	2000	0.20	8.9	417		0.80	
731204		8.9	11.3	8.5	0.150		0.000	0	0.20	1.9	583		0.30	
731024		16.1	8.5	8.5	0.120		0.000	0	0.10	1.1		0.2	0.20	
730920		20.6	8.5	8.3	0.140		0.000	30	0.10	1.1	500		0.30	
730807		25.0	5.8	8.0	0.170		0.000	70	0.20	4.9	517		0.70	
730711		26.7	5.8	8.3	0.100		0.000	0	0.10	6.0	517		0.90	
730606		21.1	8.5	8.2	0.270		0.000	5000	0.50	7.5	450		0.70	
730509		16.7	9.9	8.4	0.080		0.000	90	0.10	7.7	567		1.00	
730412		7.2	11.4	8.2	0.100		0.000	50	0.10	8.8	583		1.50	
730320		7.2	11.9	8.2	0.090		0.000	0	0.20	9.0	550		1.65	
730214		4.4	14.2	8.0	0.050		0.000	0	0.10	9.3	650		1.60	
730104		1.7	14.0	8.0	0.180		0.006	560	0.30	7.0	450		1.30	
721130		5.0	13.2	8.0	0.080		0.004	0	0.10	8.5	650		1.60	
721017		16.7	9.6	8.2			0.005	0	0.10	7.1	583	0.0	1.10	
720822		28.3	4.6	8.1	0.025		0.010	150	0.00	1.6	483	0.2	0.60	
720727		26.1	5.9	8.2	0.050		0.000	50	0.30	4.4	500	0.0	1.30	21
720705		22.2	9.3	8.0	0.000		0.000	20	0.00	9.5	533	0.0	1.90	
720530		21.1	7.4	8.1	0.020		0.005	300	0.30	8.9	567	0.0	1.60	
720329		6.7	13.9	8.1	0.000		0.003	10	0.00	6.6	417	0.0	1.00	9
711229		3.9	12.2	8.0	0.000	10		10	0.60	2.3				
711028		17.2		8.2	0.065	10		70	0.50	0.2				
710923		18.9		8.4	0.196	21		40	0.20	0.0				
710603		21.1												
710426		16.7	10.9	8.3		35				0.9			1.90	9
710324		5.0	13.4	8.1						1.8			2.10	35
710119		1.1	16.0	8.5		32				0.9			1.90	2
701102		11.1	10.5	8.3		26				1.4			1.70	18
700930		18.3	9.0	8.2		21				1.4			1.30	80
700813		25.6	7.6	8.2		13	0.000	10		0.2			0.90	30
700624		23.3	5.9	8.0		11				1.4			1.90	50
700514		20.0	8.7	8.1		21				2.0			2.10	110
700330		7.2	13.4	8.2		17				1.8			2.20	40
700216		2.2	13.4	8.1		15				1.1			1.40	5
691217		2.2	13.8	8.2		9				1.4			1.40	4
691201		4.4		7.9		8				1.6			1.40	5
691022		11.1	9.8	8.1		13				0.9			1.30	40
690929		17.8	10.0	8.3		20				0.0			0.70	55
690828		26.1	7.1	8.1		15	0.000	30		0.0			0.40	50
690630		26.1	5.4	8.1		11				1.1			1.30	70
690528		20.6	8.9	8.2		9				1.6			1.40	35
690422		13.3	11.4	7.9		11				8.4			1.30	190
690331		5.6	14.5	8.4		13				8.1			1.30	60
690226		5.0	13.0	7.9		6				4.7			1.20	25
690115		1.1	13.2	8.0		8				7.7			0.50	20
681121		6.7	12.8	8.3		8				0.9			0.30	35
681002		20.0	9.8	8.0		3				1.4			0.20	84
680828		23.3	7.3	8.0	0.098	24	0.000	30	0.20	3.2			0.30	90
680724		26.7	6.8	8.0		11				5.4			0.30	230
680605		21.1	9.8	8.2		7				7.9			0.80	50
680501		15.6	10.5	8.3		8				9.0			0.60	35
680410		12.2	10.8	7.8		11				9.0			0.90	150
680304		4.4	13.5	7.9		18				7.9			0.40	10
671102		10.6	9.5	8.0		13				0.0			0.20	11
670831		20.0		7.9	0.196	11			0.60	0.2			0.30	36
670614		25.0	7.3	8.4									0.30	12
670503		13.3	11.8	8.0									0.40	60
670221		1.1	13.2	7.8									0.70	40
661117		10.0	11.0	7.8									0.30	25
660908		21.1	8.2	7.8									0.10	30
660818		25.6	5.6	6.0									0.10	55
660505		15.6	10.2	8.0									0.20	50
660310		5.6	13.5	8.1									0.20	9
660131		0.0	14.0	8.2									0.00	4
651220		3.3	12.0	8.3									0.20	10
651006		14.4	8.8	8.4									0.00	85
650623		24.4	6.5	8.3									0.00	27
650428		12.2	10.5	7.9										110
650127		2.2	14.2	8.0									0.30	60
641118		10.6	7.5	7.6									0.20	48
640923		22.2	8.1	8.2									0.20	30
630930		16.7	6.2	8.0										30

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
630429		16.7	7.2	8.0									0.30	6
621217		3.3	14.2	8.3									0.20	6
610620		20.0	6.4	8.0									0.20	35
600728		24.4	5.0	7.7									0.00	17
591201		1.1	13.0	8.0									0.00	17
590810		25.6	9.5	8.7									1.00	6
590212		4.4	12.8	7.2									0.40	160
581203		2.2	12.0	8.0					1.30	0.5				12

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740723		0.1	0.000	0.000	0.4	0.01	0.03	0.0	0.0	0.2	16	54		
740424		0.0	0.000	0.000	0.9	0.03	0.05	0.0	0.0	0.2	16	57		
740201		0.0	0.000	0.000	1.1	0.02	0.00	0.0	0.0	0.2	16	50		
731024		0.0	0.000	0.000	0.4	0.00	0.11	0.0	0.0	0.2	16	54		
721017			0.000	0.000	0.0	0.00	0.00	0.0	0.0	0.2	17	65		
720727		0.1	0.000	0.000	0.5	0.05	0.15	0.1	0.2	0.2	17	59		
720329			0.000	0.000	0.2	0.00	0.30	0.0	0.0	0.2	26	65		
711229											28			
700813		0.0	0.000	0.000	0.1	0.00	0.10	0.0	0.0	0.3	23	40	244	180
690828		0.0	0.000	0.000	0.0	0.00		0.0	0.0	0.5				
680828		0.0	0.000	0.000	0.2	0.00	0.00	0.0	0.0	0.2	13	19	266	200
670831		0.0	0.000		0.0	0.00	0.00	0.0	0.0	0.2	18	29	264	172
670614	4										12	26	244	164
670503	3										20	26	308	216
670221	1										22	15	284	240
661117	4										46	25	296	128
660908	2										18	26	262	186
660818	4										17	29	248	180
660505	1										14	19	312	188
660310	3										14	17	252	176
660131	1										20	58	400	244
651220	3										16	26	312	224
651006	1										13	20	244	184
650623	4										15	22	292	200
650428	2										14	25	244	192
650127	3										40	115	224	176
641118	1										16	96	256	212
640923	2										8	164	272	188
630930											8	63	216	180
630429	3										8	50	256	192
621217	1										16	20	310	248
610620	2										8	65	252	180
600728	1										10		244	182
591201	1										13		280	174
590810	2										11		204	156
590212	1										8	26	148	100
581203	3				0.3		0.70			0.2	8	53	240	222

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	HOE (MG/L)
740723		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740424		0.000	0.1	0.00	0.00	0.00	0.02		0.00	0.000		
740201		0.000	0.5	0.00	0.00	0.00	0.00		0.00	0.000		
731024		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
721017				0.00	0.00	0.00	0.20					

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	MGE (MG/L)
720727		0.000	0.1	0.00	0.00	0.00	0.09	0.09	0.00	0.000		
720329				0.00	0.00	0.00	0.05					
700813				0.00	0.00		0.00					
690828		0.000		0.00	0.00		0.00					
680828		0.000		0.00	0.00		0.00					
670831				0.00	0.00		0.00					

BPG 05 NORTH FORK VERMILION RIVER
US ROUTE 136 3 MI NORTH OF DANVILLE
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711028		17.2		8.2	0.587	8		70	0.40	0.0				
710923		16.7		8.5	2.284	17		200	2.40	0.0				
641118		8.9	8.2	7.8									0.40	15
640923		22.2	7.8	8.1									0.20	55
630930		22.2		8.0										80
621217		3.0	13.6	8.0									0.50	8
620312		4.4	11.0	7.4									0.20	800
610620		20.0	7.3	8.1										70
600728		24.4	7.1	8.0									0.00	35
591201		1.1	13.6	8.0									0.00	7
590810		24.4	10.0	8.7									1.00	50
581203		1.1	12.2	7.9										4

BPG 05 NORTH FORK VERMILION RIVER
US ROUTE 136 3 MI NORTH OF DANVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
641118	1										18	48	328	292
640923	3										12	176	320	272
630930											11	35	322	318
621217	1										22	32	440	370
620312	4										9	26	132	84
610620	2										8	77	288	206
600728	1										10		288	236
591201	1										8		364	228
590810	5										13		286	228
581203	3										8		198	252

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740829		24.4	7.8	7.9	0.580		0.000	2400	0.20	1.6	667	0.0	0.50	
740723		21.1	7.9	8.4	0.290		0.000	0	0.20	4.4	633		0.70	
740627		19.4	8.9	8.2	0.270		0.000	1900	0.30	9.6	550		0.80	
740527		15.0	9.3	8.0	0.220		0.000	2300	0.70	8.7	567	0.0	1.10	
740424			11.6	8.5	0.300		0.000	450	0.30	8.1	733		1.00	
740228		8.3	13.6	8.4	0.090		0.000	600	0.10	8.9	567	0.0	0.70	
740201		3.9	12.0	8.2	0.080		0.000	470	0.20	9.0	533		0.80	
731204		11.1	9.3	8.4	0.460		0.000	5000	0.20	5.6	433	0.0	0.60	
731024		16.1	14.4	8.7	0.350		0.000	20	0.00	1.6			0.30	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730920		10.3	8.3	8.3	0.430		0.000	50	0.10	2.2	667		0.40	
730828		25.6	8.3	8.4	0.330		0.000	600	0.10	1.7	650		0.40	
730807		23.3	6.0	8.3	0.200		0.005	130	0.01	4.7	633		0.70	
730711		25.0	9.7	8.5	0.220		0.000	20	0.10	5.5	633		0.90	
730530		13.9	9.1	8.2	0.190		0.010	10600	0.20	10.0	600		1.20	
730509		17.2	10.3	8.3	0.100		0.001	500	0.10	8.4	600		1.10	
730412		6.7	11.1	8.1	0.100		0.000	600	0.10	9.4	600		1.60	
730320		7.8	11.8	8.0	0.120		0.000	280	0.10	10.0	600		1.75	
730125		6.1	13.0	8.2	0.080		0.000	0	0.10	8.6	617		1.70	
721016		13.9	12.4	8.2			0.005	0	0.00	7.1	717		1.10	
720937		22.8	10.2	8.5	0.100		0.005	250	0.00	1.2	650	0.0	0.70	16
720706		22.8	11.3	8.6			0.000	10	0.00	6.2	658	0.0	1.10	
720626		22.8	9.0	8.3	0.100		0.000	20	0.00	9.4	667	0.0	1.00	
720427		13.9	9.9	7.9	0.030		0.004	1500	0.10	12.0	617		1.70	
720329		6.1	13.2	8.2	0.340		0.003	300	0.00	8.3	433	0.0	1.30	

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740829		0.0	0.000		0.3	0.00	0.04	0.0	0.0	0.3	20	60		
740527		0.0	0.000	0.000	1.6	0.00	0.10	0.0	0.0	0.2	17	46		
740228		0.0	0.000	0.000	0.4	0.02	0.09	0.0	0.0	0.2	18	66		
731204		0.0	0.000	0.000	2.1	0.00	0.26	0.0	0.0	0.3	17	55		
720907		0.0	0.000	0.015	0.5	0.01	0.20	0.0	0.0	0.5	20	56		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	HOE (MG/L)
740829		0.000	0.2	0.00	0.00	0.00	0.00		0.00			
740527		0.000	0.2	0.00	0.00	0.00	0.01		0.00	0.000		
740228		0.000	0.1	0.00	0.00	0.00	0.12		0.00	0.000		
731204		0.000	0.4	0.00	0.00	0.00	0.00		0.00	0.000		
720907		0.000	2.0	0.00	0.00	0.00	0.10		0.00	0.000		

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740829		24.4	5.5	7.7	0.730		0.000	12100	0.80	1.4	667		0.50	
740723		18.3	6.3	8.2	0.490		0.000	2700	0.50	4.2	667		0.70	
740627		17.8	7.9	8.0	0.430		0.000	3500	0.10	9.6	567	0.0	0.90	
740527		14.4	9.7	8.0	0.280		0.000	0	0.30	9.4	567		1.10	
740424			11.3	8.3	0.150		0.000	60	0.40		617			
740228		9.4	13.8	8.2	0.120		0.000	700	0.20	9.2	583		0.70	
740231		3.3	12.1	8.0	0.090		0.000	20	0.20	9.4	567		0.90	
731204		11.1	7.9	8.4	0.880		0.000	6000	0.80	8.4	500		0.80	
731024		17.2	6.8	8.3	1.200		0.000	35000	1.20	1.0			0.40	
730920		21.7	12.5	8.4	1.500		0.000	1200	0.80	0.3	717		0.40	
730828		23.9	6.6	8.2	1.000		0.000	18000	0.50	1.0	717		0.50	
730807		23.3	7.6	8.2	0.440		0.005	200	0.30	4.0	667		0.70	
730711		25.0	9.5	8.4	0.460		0.000	500	0.20	5.9	683		0.90	
730530		13.9	8.9	8.1	0.240		0.005	7000	0.30	12.0	633		1.30	
730509		17.2	9.2	8.2	0.280		0.002	500	0.20	9.0	617		1.20	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730412		7.2	10.5	8.0	0.150		0.000	500	0.20	10.0	633		1.60	
730320		7.2	11.5	8.1	0.120		0.003	760	0.20	10.0	617		1.80	
730125		6.7	11.2	8.2	0.130		0.000	420	0.10	9.2	633		1.70	
721017		13.9	12.2	8.3			0.007	120	0.30	5.5	683		1.00	
720907		24.4	15.9	8.4	2.000		0.010	6800	1.50	0.6	767	0.0	0.90	
720706		23.9	10.7	8.4			0.000	40	0.00	6.4	692	0.0	1.20	
720626		23.3	8.8	8.3	0.000		0.000	80	0.00	9.7	633	0.0	0.12	7
720427		13.3	9.6	7.9	0.060		0.004	1900	0.10	12.0	633		1.70	
720330		9.4	13.3	8.2	0.200		0.004	100	0.40	9.9	467	0.0	1.50	
720309		7.2	16.4	8.4	0.540		0.000	290	1.00	6.0	483	0.0	1.00	5

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740627		0.0	0.000	0.000	2.7	0.00	0.21	0.0	0.0	0.2	16	52		
720626			0.000	0.000	0.2	0.00	0.03	0.0	0.4	0.2	22	74		
720309			0.000	0.000	0.1	0.00	0.75	0.0	0.0	0.1	27	50		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740627		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740424	19											
720626				0.00	0.00	0.00	0.15					
720309				0.00	0.00	0.00	0.06	0.10			0	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740924		15.6	12.2	8.6	1.600		0.000	130	0.00	2.2	733		0.60	
740827		25.6	3.1	8.5	0.780		0.005	270	0.00	3.7	767		0.80	
740717		23.9	8.0	8.4	0.650		0.000	840	0.10	6.4	717	0.0	0.90	
740710		25.0	7.2	8.2	1.000		0.000	1000	0.80	6.5	567	0.0	1.00	
740702		22.8	8.2	8.2	0.390		0.000	1000	0.10	8.9	667	0.0	1.10	
740628		20.0	9.0	8.1	0.420		0.000	130	0.30	7.9	683	0.0	0.70	
740619		21.7	8.4	8.2	0.570		0.000	3500	0.10	8.6	683	0.0	0.80	
740529		17.8	9.8	8.2	0.500		0.000	3800	0.50	7.4	517		1.00	
740418		12.2	10.5	8.5	0.400		0.000	210	0.20	8.7	600	0.0	0.90	
740326		5.0	13.0	8.4	0.430		0.000	60	0.40	8.3	633		0.60	
740227		2.8	13.2	8.4	0.250		0.005	0	0.20	8.0	583		0.60	
731228		3.9	10.7	8.0	0.300		0.000	500	0.00	7.3	517		0.70	
731204		11.7	10.0	8.4	0.550		0.000	3300	0.20	5.8	600		0.60	
731024		16.7	12.8	8.5	1.400		0.000	0	0.00	8.6		0.0	0.60	
730920		17.8	10.5	8.4	1.100		0.000	10	0.10	4.1	700		0.60	
730817		21.1	7.8	8.0	0.280		0.000	13000	0.10	4.9	583		0.60	
730711		23.9	7.4	8.4	0.440		0.000	140	0.10	8.2	650		1.20	
730606		17.8	7.6	7.9	0.680		0.000	13000	0.40	8.2	417		0.70	
730509		15.0	9.3	8.2	0.810		0.001	200	0.00	8.7	600		1.20	
730411		7.2	12.2	8.0	0.320		0.000	40	0.00	9.2	717		1.50	
730315		12.2	9.3	7.6	0.400		0.002	110000	0.20	8.9	567		1.55	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730214		3.9	12.9	8.2	0.400		0.000	0	0.50	8.5	700		1.40	
730104		2.8	10.2	7.9	0.350		0.008	4400	0.10	7.2	550		1.30	
721130		5.6	12.2	8.2	0.050		0.003	0	0.10	7.2	917		1.50	
721017		12.8	9.3	8.2	0.092		0.005	800	0.10	8.0	700	0.0	1.10	
720920		25.0	8.6	8.4	0.650		0.002	30	0.00	4.8	733		1.10	
720822		28.3	9.7	8.6	1.240		0.007	110	0.00	0.8	683	0.0	0.60	
720727		25.0	9.9	8.5	0.950		0.000	1800	0.30	4.0	483	0.0	1.30	110
720705		21.1	7.5	7.9	0.800		0.000	50	0.00	6.6	883	0.3	1.60	
720530		21.1	8.0	8.2	0.600		0.010	30	0.00	9.0	667	0.0	1.80	
720329		6.1	10.2	7.6	0.500		0.003	1500	0.00	7.5	417	0.0	1.30	15
711229		3.9	11.7	8.3	0.000	8		590	0.10	2.3				
711028		15.0		7.8	0.457	16		90	0.30	0.7				
710922		18.3		8.3	0.160	19		180	1.50	0.5				
710603		25.0	10.2	8.2		42				1.1			1.90	10
710426		16.7	14.8	8.7		41				1.1			2.10	6
710324		4.4	13.5	8.1						1.8			1.90	25
710119		0.0	15.4	8.2		37				1.1			2.20	5
701102		8.9	10.2	8.1		21				1.4			1.70	15
700813		27.2	8.0	8.3		17	0.000	70		0.2			1.30	60
700624		24.4	9.2	8.3		11				1.6			2.00	50
700514		18.0	8.1	8.0		12				2.3			2.30	65
700330		6.7	12.9	8.1		13				1.6			2.20	20
700216		0.6	13.4	8.2		16				1.1			1.70	10
691217		2.2	15.5	8.2		12				1.4			1.40	10
691201		3.9	13.3	7.9		5				1.6			1.50	7
691022		11.1	10.0	8.1		9				1.4			1.40	45
690929		17.2	9.4	8.1		16				0.7			1.00	60
690828		26.7	10.6	8.5		21	0.000	560		0.2			0.80	100
690630		27.2	6.7	8.2		12				0.7			1.20	30
690528		24.4	11.4	8.4		12				1.4			1.40	25
690422		12.2	9.8	8.1		7				9.0			1.40	85
690331		3.9	14.1	8.2		14				7.9			1.30	25
690226		5.6	12.3	7.9		10				5.4			1.20	25
690115		0.0	9.4	7.7		12				5.6			0.60	20
681121		4.4	10.9	7.4		10				2.7			0.60	10
681002		19.4	10.0	8.2		11				4.3			0.50	86
680828		22.8	10.2	8.4	1.632	34	0.000	10	0.30	1.6			0.30	5
680724		27.8	12.7	8.8		15				4.7			0.60	50
680605		21.1	8.0	8.0		7				12.0			0.80	50
680501		18.9	14.3	8.3		9				7.2			0.60	20
680410		12.8	10.5	7.8		6				8.8			1.00	32
680304		4.4	13.8	7.9		9				7.0			0.40	20
671102		10.0	6.2	7.6		20				2.0			0.50	20
670831		20.6		8.1	10.605	17			0.90	0.5			0.80	100
670614		24.4	8.4	8.1									0.40	60
670503		14.4	13.4	8.1									0.40	15
670221		1.7	13.2	7.9									0.70	4
661117		11.1	8.9	7.8									0.40	10
660908		21.1	9.3	8.1									0.60	65
660818		28.9	10.8	8.4									0.30	45
660707		26.7	6.6	8.0									0.10	40
660505		16.7	9.4	7.9									0.20	40
660310		7.2	12.0	7.9									0.30	7
660131		0.0	11.5	8.1									0.50	4
651220		1.1	13.5	8.3									0.30	8
651006		13.3	10.0	8.6									0.00	40
650623		24.4	8.4	8.5									0.10	20
650428		11.1	10.2	7.9									0.20	50
650127		0.6	12.8	8.0									0.50	50
641118		10.0	6.1	7.6									0.90	40
640923		23.9	9.5	8.2									1.10	65
630930		16.7	9.2	7.9										50
630430		13.3	7.8	7.8									0.20	320
621217		0.0	12.5	7.8									1.10	14
620313		3.3	11.4	7.3									0.20	430
610620		17.8	7.5	7.9									0.20	190
600728		26.7	9.1	8.2									0.00	17
591201		1.1	12.8	7.9									0.00	11
590810		25.6	9.4	8.6									3.00	35
581203		3.3	12.0	7.9										9

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740717		0.0	0.000	0.000	1.7	0.05	0.03	0.0	0.0	0.3	25	53		
740710		0.1	0.000	0.000	9.7	0.00	0.25	0.0	0.0	0.3	18	41		
740702		0.1	0.000	0.000	2.0	0.00	0.23	0.0	0.0	0.3	17	50		
740628		0.0	0.000	0.000	3.6	0.00	0.41	0.0	0.0	0.2	14	43		
740619		0.0	0.000	0.000	1.9	0.02	0.10	0.0	0.0	0.2	22	52		
740418		0.0	0.000	0.000	0.7	0.01	0.09	0.0	0.1	0.3	20	47		
731024		0.0	0.000	0.000	0.2	0.00	0.03	0.1	0.0	0.4	36	60		
721017		0.0	0.000	0.000	0.4	0.00	0.10	0.0	0.0	0.3	32	75		
720727		0.1	0.000	0.000	3.4	0.03	0.20	0.0	0.2	0.4	32	66		
720329			0.000	0.000	1.0	0.00	0.50	0.0	0.0	0.2	35	58		
711229											26			
700813		0.0	0.000	0.000	0.1	0.00	0.10	0.0	0.0	0.7	52	80	272	260
690828		0.0	0.000	0.000	0.0	0.00		0.0	0.0	0.9	76	70	240	240
681002											62	55	272	220
680828		0.0	0.000	0.000	0.4	0.00	0.00	0.0	0.0	0.4	58	18	310	260
670831		0.0	0.000	0.050	0.0	0.00	0.00	0.0	0.0	0.6	83	84	290	240
670614	2										34	38	368	252
670503	2										24	11	304	208
670221	1										26	31	344	212
661117	3										44	49	336	304
660908	4										100	35	292	268
660810	6										64	31	192	180
660707	2										46	41	304	256
660505	2										20	26	372	224
660310	3										18	42	344	232
660131	4										32	113	456	316
651220	2										32	29	336	240
651006	1										24	26	284	244
650620	1										34	31	284	216
650428	1										16	41	224	160
650127	3										34	130	192	244
641118	10										88	340	210	236
640920	3										68	480	240	228
630930											54	150	240	236
630430	5										11	42	244	18
621217	5										154	48	350	328
620310	2										9	14	172	102
610620	4										12	50	240	174
600728	1										20		320	254
591201	2										50	173	336	252
590810	2										104	116	162	290
501200	2										11		316	260

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOE (MG/L)
740717		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740710		0.000	0.2	0.00	0.02	0.02	0.00		0.00	0.000		
740702		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740628		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740619		0.000	0.2	0.00	0.01	0.01	0.00		0.00	0.000		
740418		0.000	0.2	0.00	0.01	0.01	0.01		0.00	0.000		
731024		0.000	0.7	0.00	0.00	0.00	0.00		0.00	0.000		
721017		0.000	0.4	0.00	0.00	0.00	0.08		0.00	0.000		
720727		0.000	0.3	0.00	0.00	0.00	0.10		0.00	0.000		
720329				0.00	0.00	0.00	0.05					
700813				0.00	0.00		0.00					
690828		0.000		0.00	0.00		0.00					
680828		0.000		0.00	0.00		0.00					
670831				0.00	0.00		0.00					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC CONDUCT UMHOS	TEMCJBT (DEG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740813		26.1	7.8	8.2	0.400		0.000	2200	0.10	5.5	600	0.0	0.90	
740726			5.9	8.2	2.100		0.005	540	0.60	4.2	733		0.60	
740614		19.4	7.9	8.1	0.940		0.000	140	0.40	8.3	617		1.00	
740524		16.1	8.6	7.6	2.300		0.000	930	0.40	8.3	500	0.0	1.90	
740409		8.0	12.1	8.1	0.330		0.000	370	0.20	9.0	503		0.70	
740319			10.5	8.0	0.420		0.000	40		9.1	617		0.70	
740215		0.9	12.1	8.2	0.800		0.000	0	0.70	7.6	683	0.0	0.80	
740110		5.6	9.0	8.0	0.700		0.000	300	0.40	6.2	700		0.80	
731227		5.6	10.4	7.9	0.300		0.000	1000	0.10	8.5	533		0.70	
731120		8.9	10.3	8.2	0.870		0.000	900	1.00	9.3	650	0.0	0.80	
731018		13.3	6.4	7.9	5.300		0.000	1600	2.30	2.0			0.50	
730917		16.1	7.0	7.9	4.200		0.005	70	3.80	3.1	950		0.70	
730817		21.1	7.3	7.7	0.270		0.000	4500	0.20	5.2	650		0.60	
730703		23.9	6.9	8.1	1.000		0.000	1200	0.40	7.8	667		1.40	
730608		17.8	8.1	8.0	0.390		0.005	15000	0.10	9.2	617		1.00	
730516		13.3	9.1	8.2	0.820		0.005	3700	0.30	7.7	667		0.90	
730412		7.8	10.7	8.2	0.440		0.000	600	0.20	9.0	650		1.50	
730312		7.8	10.1	7.8	0.330		0.002	42000	0.20	9.4	600		1.60	
730220		4.4	11.9	8.3	0.830		0.002	700	1.10	7.3	750		1.40	
730100		6.7	10.1	7.9	0.480		0.006	800	0.40	7.4	617		1.40	
721214		5.0	10.8	7.8	0.400		0.005	2400	0.10	8.1	667		1.50	
721004		19.4		8.1			0.001	31000	1.20	5.8	767		1.30	
720912		26.1	8.0	8.3	1.200		0.014	150000	2.40	0.7	967		1.10	
720817		20.9	7.6	8.3	0.400		0.005	5500	1.50	0.8	917	0.0	0.74	35
720725		25.6	7.1	8.1	1.400		0.006	21000	0.50	2.6	667	0.0	1.20	
720612		10.3	8.4	8.0	0.550		0.005	950	0.20	10.0	700	0.0	2.20	
720525		20.0	7.3	7.9	2.300		0.007	12000	1.70	7.7	767	0.0	2.10	10
720424		15.0	9.6	7.7	0.250		0.000	8000	0.30	12.0	500		1.70	
720313		0.3	7.9	7.6	1.700		0.004	0	0.10	4.7	667	0.0	1.30	43
720207		0.6	9.9	7.7	2.500		0.014	110	0.40	8.4	783		1.30	10

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740813		0.1	0.000	0.000	0.6	0.00	0.05	0.0	0.0	0.3	20	53		
740524		0.1	0.000	0.000	5.7	0.00	0.18	0.0	0.1	0.2	15	45		
740215		0.1	0.000	0.000	0.4	0.00	0.04	0.0	0.0	0.4	29	64		
731128		0.2	0.000	0.000	1.2	0.00	0.09	0.0	0.0	0.4	34	45		
720817		0.1	0.000	0.000	1.0	0.05	0.20	0.0	0.0	0.6	102	78		
720525			0.000	0.000	0.1	0.00	0.05	0.0	0.0	0.3	44	120		
720313			0.000	0.000	0.2	0.01	0.00	0.0	0.0	0.1	47	20		
720207			0.000	0.000	0.2		0.50	0.0	0.0	0.4	65	68		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740813		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740524		0.000	0.2	0.00	0.01	0.01	0.02		0.00	0.000		
740215		0.000	0.5	0.00	0.00	0.00	0.00		0.00	0.000		
731128		0.000	0.6	0.00	0.00	0.00	0.00		0.00	0.000		
720817		0.000	0.4	0.00	0.00	0.00	0.14		0.00	0.000		
720525				0.00	0.00	0.00	0.10					
720313	1565			0.00	0.00	0.00	0.00	0.10				
720207				0.00	0.00	0.00	0.10	0.10				

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC CONC UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740924		12.2	7.0	8.1	2.900		0.000	400	1.20	4.4	917	0.1	0.90	
740827		26.1	8.4	7.8	1.450		0.005	1800	1.00	2.9	817		0.50	
740717		23.3	7.1	8.2	1.270		0.000	1000	0.10	5.5	750	0.0	0.80	
740710		24.4	7.0	8.0	0.800		0.000	1000	0.30	7.7	650	0.0	1.00	
740702		21.1	7.1	7.9	0.940		0.000	900	0.10	8.7	633	0.0	1.10	
740628		19.4	8.2	8.0	0.590		0.000	440	0.30	8.0	683	0.0	0.70	
740619		21.1	7.3	8.0	0.860		0.000	1600	0.40	9.0	617	0.0	0.90	
740418		11.1	9.0	8.1	0.630		0.000	150	0.50	8.7	617		0.90	
740326		3.9	11.5	8.2	0.810		0.000	140	0.80	8.3	683	0.0	0.60	
740215		3.3	12.3	8.1	0.900		0.000	50	0.90	7.6	667		0.80	
740100		6.7	11.6	7.8	0.310		0.005	310	0.30	8.0	533		0.70	
731227		5.6	9.5	7.9	0.330		0.000	1300	0.10	8.3	533	0.0	0.70	
731128		10.6	8.6	8.0	1.200		0.000	1500	1.30	4.8	617		0.80	
731018		12.8	5.8	7.9	4.300		0.000	1600	1.50	1.6			0.40	
730917		16.7	5.9	7.9	2.800		0.000	2900	1.40	2.9	883		0.50	
730817		21.7	6.6	7.7	0.540		0.005	42000	0.30	5.1	667		0.70	
730703		24.4	6.4	8.1	1.200		0.000	21000	0.50	7.9	683		1.50	
730608		18.3	7.7	8.0	0.520		0.000	21300	0.20	9.2	617		1.00	
730516		14.4	8.2	8.2	1.100		0.009	5700	0.50	7.8	667		1.00	
730412		7.8	10.2	8.1	0.520		0.000	200	0.30	9.2	650		1.60	
730312		8.3	9.4	7.7	0.150		0.002	39000	0.20	9.0	583		1.60	
730220		6.1	10.2	8.2	1.100		0.002	9300	1.80	7.6	750		1.40	
730103		5.0	10.2	7.9	0.280		0.005	4000	0.20	7.5	600		1.40	
721214		5.0	10.1	7.8	0.400			5100	0.30	8.1	650		1.50	
721004		18.3		8.0	0.840		0.001	150000	1.20	6.5	750		1.30	
720912		25.6	4.9	8.2	3.000		0.014	7700	2.70	3.0	800	0.2	1.30	
720817		29.4	4.5	8.2	0.355		0.005	2000	0.70	2.0	867	0.0	0.84	
720725		25.0	4.1	7.7	0.181		0.007	42000	0.70	2.1	550	0.0	1.10	
720706		21.7	5.5	8.2			0.000	3200	0.20	9.3	733	0.0	1.50	
720612		20.0	6.5	7.9	0.100		0.004	6900	0.20	10.0	700	0.0	2.30	35
720525		21.1	4.9	7.8	1.400		0.005	7300	0.50	9.6	750	0.0	2.30	
720424		15.0	8.9	7.8	0.250		0.000	12000	0.00	12.0	483		1.70	
720313		8.3	6.6	7.6	2.100		0.005	25000	2.45	5.7	600	0.0	1.20	100

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740924		0.0	0.000	0.000	0.6	0.00	0.09	0.0	0.0	0.7	72	82		
740717		0.0	0.000	0.000	1.7	0.00	0.07	0.0	0.0	0.4	35	55		
740710		0.0	0.000	0.000	1.7	0.00	0.05	0.0	0.1	0.4	34	53		
740702		0.0	0.000	0.000	1.5	0.00	0.17	0.0	0.0	0.3	23	56		
740628		0.0	0.000	0.000	3.1	0.00	0.20	0.0	0.1	0.3	18	48		
740619		0.0	0.000	0.000	1.0	0.02	0.09	0.0	0.0	0.3	20	41		
740326		0.1	0.000	0.000	0.2	0.00	0.04	0.0	0.0	0.3	32	63		
731227		0.0	0.000	0.000	1.2	0.01	0.08	0.0	0.0	0.3	26	49		
720912		0.1	0.000	0.000	1.0	0.31	0.16	0.1	0.0	0.8	64	78		
720612			0.000	0.000	0.1	0.00	0.01	0.0	0.0	0.3	30	160		
720313			0.000	0.000	0.1	0.01	0.30	0.0	0.0	0.2	45	70		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740924		0.000	0.5	0.00	0.00	0.00	0.01		0.00	0.000		
740717		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
740710		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
740702		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
740628		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740619		0.000	0.2	0.00	0.00	0.00	0.01		0.00	0.000		
740326		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
731227		0.000	0.8	0.00	0.00	0.00	0.00		0.00	0.000		
720912		0.000	0.4	0.00	0.00	0.00	0.20		0.00	0.000		
720612				0.00	0.00	0.00	0.02					
720313	105			0.00	0.00	0.00	0.03	0.05				

BPJ 06 SALT FORK
I-74 BRIDGE 1 MI NORTH OF ST. JOSEPH
LAB: CHAMPAIGN DISCHARGE DATA: 03306900 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740813	160	26.1	9.5	8.1	0.280		0.000	1600	0.00	5.3	583		0.80	
740726	37		6.5	8.1	0.690		0.000	240	0.10	4.3	717	0.0	0.60	
740614	131	19.4	8.0	8.2	0.340		0.000	260	0.00	8.1	617		1.00	
740524	574	15.6	8.1	7.6	2.300		0.000	400	0.40	8.4	500		1.00	
740409	275	7.2	12.0	8.1	0.200		0.000	490	0.10	9.1	583	0.0	0.70	
740319	215		11.2	8.2	0.220		0.000	70	0.10	8.5	633		0.60	
740215	93	2.2	12.6	8.3	0.360		0.000	10	0.40	7.5	667		0.80	
740118	100	5.6	9.1	8.3	0.530		0.000	10	0.60	6.6	683	0.0	0.70	
731227	593	5.0	10.3	7.9	0.220		0.000	900	0.10	8.5	533		0.70	
731128	82	8.3	10.8	8.2	0.920		0.000	1800	0.90	5.7	683		0.90	
731018	14	13.3	12.4	8.2	1.300		0.000	160	0.10	2.7		0.0	0.40	
730917	17	16.1	11.2	8.2	1.200		0.000	1200	0.20	1.1	983		0.40	
730817	140	20.0	7.2	7.7	0.240		0.000	3000	0.10	5.2	650		0.60	
730703	108	22.8	7.5	8.2	0.450		0.000	2800	0.00	7.6	650		1.40	
730608	264	17.8	8.2	8.0	0.230		0.005	1300	0.30	8.8	633		1.00	
730516	92	13.3	10.0	8.3	0.330		0.005	150	0.00	7.6	667		0.90	
730412	195	7.8	11.3	8.2	0.290		0.000	10	0.10	9.0	633		1.50	
730220	75	3.9	12.1	8.3	0.520		0.003	30	0.50	7.4	733		1.30	
730104	581	2.8	10.3	7.8	0.200		0.003	1500	0.30	6.5	483		1.20	
721214	320	5.0	11.7	7.8	0.200		0.000	520	0.20	8.2	1067		1.60	
721114	1110	8.3	7.4	7.7	0.330		0.003	110000	0.50	7.9	600		1.20	
721004	57	18.9		8.4	0.610		0.002	2100	1.20	5.8	733	0.2	1.30	
720912	11	25.0	8.8	8.5	1.590		0.013	4000	0.30	0.2	1050	0.0	1.10	
720817	15	26.7	7.0	8.5	2.100		0.002	5200	0.20	0.0	967	0.0	0.70	
720725	26	24.4	6.1	8.2	1.900		0.006	6000	0.40	2.8	650	0.0	1.20	28
720612	77	17.2	5.7	7.8	3.400		0.007	75000	3.00	9.6	767	0.0	2.20	
720525	58	19.4	7.9	8.0	0.700		0.004	190	0.20	8.1	750	0.0	2.10	
720424	345	15.0	10.0	7.8	0.150		0.000	80	0.00	12.0	500	0.0	1.80	30
720313	139	5.6	7.8	7.7	1.600		0.007	32000	0.30	4.6	583	0.0	1.10	120
720207	60		10.0	7.9	1.000		0.008	0	1.40	8.3	817		1.20	7

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740726		0.0	0.000	0.000	0.8	0.00	0.04	0.0	0.0	0.3	41	65		
740409		0.0	0.000	0.000	0.7	0.00	0.05	0.0	0.0	0.3	20	51		
740118		0.0	0.000	0.000	0.6	0.00	0.04	0.0	0.0	0.3	39	58		
731018		0.2	0.000	0.000	0.3	0.00	0.07	0.0	0.0	0.5	105	68		
720725		0.1	0.000	0.000	0.7	0.02	0.10	0.0	0.0	0.4	54	60		
720424			0.000	0.000	0.5	0.00	0.03	0.0	0.0	0.4	21	60		
720313			0.000	0.000	0.1	0.00	0.00	0.0	0.0	0.1	52	45		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOD (MG/L)
740726		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740409		0.000	0.1	0.00	0.00	0.00	0.00		0.00	0.000		
740118		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
731018		0.000	0.6	0.00	0.00	0.00	0.00		0.00	0.000		
720725		0.000	2.1	0.00	0.00	0.00	0.09		0.00	0.000		
720424				0.00	0.00	0.00	0.00					
720313	464			0.00	0.00	0.00	0.00	0.10				

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740813		25.6	7.5	8.0	1.600		0.000	0	0.90	5.3	683	0.0	0.90	
740726			5.2	7.7	2.100		0.005	110	3.30	4.6	733		0.70	
740614		19.4	8.0	8.0	1.580		0.000	300	1.30	7.7	600		1.10	
740524		15.6	8.4	7.6	2.100		0.000	10	0.70	8.7	533	0.0	1.00	
740409		8.3	12.2	8.0	1.400		0.000	0	0.60	8.2	683		0.80	
740319			10.8	8.0	1.100		0.005	0	1.20	8.7	717		1.10	
740130		4.4	11.6	7.9	0.850		0.005	10	1.00	8.5	617		0.80	
731227		6.7	10.2	7.8	0.760		0.000	250	0.40	8.3	633		0.80	
731128		10.0	8.6	8.0	1.800		0.000	0	2.40	5.3	650	0.0	0.90	
731018		18.3	4.2	7.5	7.000		0.005	1800	4.40	2.9			0.70	
730917		18.9	4.0	7.4	5.500		0.015	580	6.30	4.5	817		1.00	
730816		23.9	5.3	7.9	2.200		0.010	157000	1.70	4.6	817		0.70	
730703		23.3	6.7	8.0	2.500		0.000	44000	0.80	8.3	700		1.50	
730608		17.8	8.6	8.0	1.200		0.000	55000	0.00	9.9	617		1.10	
730516		15.0	7.0	8.0	3.700		0.018	34000	1.30	7.1	717		1.00	
730412		8.0		7.8	1.900		0.010	90000	2.50	8.9	700		1.60	
730312		7.8	9.9	7.5	1.000		0.002	420000	0.90	9.3	650		1.65	
730220		8.3	9.7	8.0	3.500		0.010	116000	5.00	6.0	833		1.20	
730104		3.9	10.6	7.7	0.430		0.003	55000	0.30	7.0	583		1.20	
721214		6.7	10.5	7.8	0.950		0.006	40000	1.60	7.9	1250		1.70	
721114		9.4	8.1	7.7	0.400		0.005	150000	1.00	8.3	600		1.20	
721004		20.0		7.9	4.100		0.002	370000	2.90	5.2	767		1.40	
720912		25.0	2.7	7.5	6.500		0.020	330000	5.90	2.0	950		1.40	
720816		26.1	2.1	7.5	0.800		0.011		6.80	2.5	867	0.0	1.10	12
720725		25.6	0.7	7.3	4.200		0.012		0.20	2.0	850	0.0	1.30	
720612		18.9	6.5	7.7	4.500		0.007	750000	3.20	11.0	817	0.0	2.40	
720525		21.1	4.5	7.3	5.000		0.005	720000	4.00	6.1	850	0.0	2.20	7
720424		10.0	9.1	7.5	0.700		0.005	200000	0.70	11.0	567		1.80	
720313		8.9	7.5	7.4	1.600		0.011	260000	2.35	4.0	517	0.0	1.20	46
720207		1.1	10.3	7.4	4.000		0.020	100000	7.80	7.6	883	0.0	1.30	15
720103		7.2		7.9	0.175	28		96000	8.60	7.6	900			5
711229		6.7	10.5	8.0	0.489	10		105000	0.40	2.0				
711201		7.8		7.5	1.795	15		210000	8.00	0.7				
711103		16.1	3.8	7.3	0.914	36		270000		0.7				
711007				7.5	5.645	20		300000	6.00	0.7			1.30	
710922		17.8		8.4	0.457	21		260	7.80	1.1				
710908		25.0	3.8	7.2	3.426	32		500000	0.60	0.5			1.00	
710723							0.003							6
710722							0.003							6
710603		24.4	5.9	7.7		56				1.1			1.80	10
710520		18.9	6.4	7.6		3				1.4			1.70	20
710426		18.0	11.0	7.6		50				1.1			2.20	22
710324		7.8	11.0	7.7		10				1.4			1.70	30
710119		7.2	8.0	7.8		49				0.9			2.20	15
701102		12.8	7.4	7.7		31				1.4			1.80	30
700930		18.9	6.3	7.8		25				1.4			1.40	60
700810		25.6	0.1	7.4		35	0.043	190000		0.0			1.70	30
700624		24.4	0.0	7.4		43				0.7			1.70	60
700514		16.7	7.9	7.7		21				2.0			2.40	35
700330		0.9	12.1	7.6		24				1.4			2.20	35
691217		8.9	9.2	7.7		27				0.9			1.50	50
691201		8.9	10.0	7.6		14				1.4			1.60	15

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
691022		13.9	6.4	7.7		25				0.9			1.60	25
690929		20.0	1.7	7.5		47				0.5			1.40	40
690828		25.6	2.9	7.4		37	0.000	70000		0.5			1.20	30
690528		23.3	6.9	7.6		27				0.9			1.40	35
690422		11.7	10.0	7.8		31				9.5			1.30	80
690331		5.6	11.6	7.8		20				7.0			1.40	45
690226		10.0	9.0	7.5		30				7.0			1.40	30
690115		7.8	6.6	7.5		24				3.2			0.90	95
681121		8.9	4.6	7.5		32				2.0			1.00	35
681002		21.1	1.7	7.6		27				1.4			1.00	75
680828		22.8	5.3	7.3	10.442	50	0.005	230000	0.60	2.3			0.60	6
680724		25.0	4.3	7.8		22				4.7			0.80	10
680605		20.0	7.1	7.8		10				9.9			0.80	30
680501		18.9	10.1	7.8		17				6.8			0.80	27
680410		12.2	9.8	7.7		10				8.8			1.10	55
680304		10.6	8.5	7.3						4.5			0.50	25
671102		15.6	2.0	7.4		42				0.9			0.80	40
670831		22.2		7.4	9.300	37			22.30	0.2			0.30	20
670614		23.3	5.8	7.4									0.50	40
670503		15.0	9.0	7.7									0.40	11
670221		6.1	10.6	7.8									0.80	25
661117		17.8	0.0	7.3									1.20	60
660908		22.8	2.6	7.3									1.80	20
660818		27.2	2.1	7.5									0.80	20
660707		24.4	2.7	7.6									0.90	40
660505		17.2	8.4	0.2	2.545									25
660310		10.0	9.4	7.9									0.50	20
660131		5.6	8.5	7.5									1.30	40
651220		8.9	6.8	7.9									0.90	35
651006		16.7	6.8	8.2									0.30	30
650623		23.3	6.4	7.8									0.60	20
650428		12.8	9.3	7.8									0.50	50
650127		1.1	13.6	8.2									0.10	50
650104														
641118		15.6	4.9	7.4									1.10	10
641132			2.8											
641021														

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740813		0.1	0.000	0.010	0.5	0.00	0.10	0.0	0.0	0.4	31	70		
740524		0.0	0.000	0.000	4.1	0.00	0.12	0.0	0.1	0.2	20	50		
731128		0.0	0.000	0.010	0.8	0.01	0.06	0.0	0.0	0.5	30	68		
720816		0.0	0.000	0.000	0.3	0.07	0.09	0.0	0.1	1.2	63	90		
720525			0.000	0.000	0.0	0.00	0.00	0.0	0.0	0.6	50	164		
720313			0.000	0.000	0.0	0.01	0.10	0.0	0.0	0.4	54	40		
711229											25			
711103											85			
710908	132											88	100	
710723			0.000											
710722			0.000											
700813		0.0	0.000	0.000	0.2	0.00	0.10	0.0	0.0	0.9	69	80	272	276
700624											43	230	274	272
691217											37	110	376	256
690929											75	216	260	268
690828		0.0	0.000	0.000	0.0	0.00		0.0	0.0	1.1	58	90	188	252
690115											49	75	260	240
681121											40	73	252	276
681002											54	55	248	256
680828		0.0	0.000	0.000	0.6	0.00	0.10	0.0	0.0	1.3	52	24	580	240
680724											36	125	244	236
680501											32	40	272	212
670831		0.3	0.000	0.090	0.0	0.00	0.00	0.0	0.0	0.4	68	116	210	264
670614	6										48	54	296	288

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
670503	9										34	33	284	252
670221	16										34	49	316	240
661117	56										150	410	690	364
660908	16										76	83	234	244
660818	16										60	70	180	256
660707	30										92	63	256	264
660505	16										34	45	400	240
660310	7										40	49	336	248
660131	26										52	55	296	256
651220	28										40	49	320	232
651006	7										42	66	240	248
650623	8										40	66	328	240
650428	7										21	66	280	168
650127	1										38	54	220	224
650104	71													
641118	14										50	380	200	232
641102	27													
641021	16													

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	RCE (MG/L)
740813	75	0.000	0.4	0.00	0.00	0.00	0.00		0.00	0.000		
740524		0.000	0.2	0.09	0.01	0.01	0.01		0.00	0.000		
731128		0.000	0.7	0.00	0.00	0.00	0.00		0.00	0.000		
720816		0.000	0.8	0.00	0.05	0.05	0.17		0.00	0.000		
720525				0.02	0.05	0.05	0.06					
720313	161			0.00	0.00	0.00	0.02	0.05				
720203	5											
711201	10											
710908	5											
700813				0.00	0.00		0.00					
690828		0.000		0.00	0.00		0.00					
680828		0.000		0.00	0.00		0.00					
670831				0.00	0.00		0.00					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC CONC UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740813		25.6	6.4	8.0	0.940		0.000	800	0.50	5.2	633		0.80	
740717		26.7	5.1	8.0	2.600		0.000	260	1.20	6.2	783	0.0	0.90	
740710		25.0	7.1	7.9	1.330		0.000	3800	0.50	7.9	683	0.0	1.00	
740702		23.9	6.4	7.9	1.320		0.000	390	0.40	8.9	667	0.0	1.10	
740628		18.9	7.6	7.9	0.950		0.000	90	0.40	7.8	667	0.0	1.00	
740619		21.1	8.3	7.9	1.110		0.000	4200	0.90	10.0	533	0.0	0.90	
740614		19.4	8.2	7.9	1.600		0.000	2100	1.00	8.7	633	0.0	1.10	
740524		15.6	8.0	7.6	2.200		0.000	530	0.40	8.4	500		1.00	
740409		8.3	11.9	8.0	0.890		0.000	0	0.50	8.5	650		0.70	
740319			10.0	8.2	0.870		0.000	0	0.70	8.8	633	0.0	0.70	
740215		5.0	12.5	8.1	1.500		0.000	0	1.20	7.9	700		0.90	
740118		7.2	8.8	7.5	1.200		0.000	0	1.20	5.6	717		0.80	
731227		6.1	9.9	7.9	0.590		0.000	50	0.00	8.4	583	0.0	0.70	
731128		9.4	7.8	7.9	1.600		0.000	160	1.40	4.5	567		0.80	
731018		15.6	4.6	7.7	5.700		0.000	500	3.60	1.8			0.60	
730917		17.2	5.7	7.7	5.700		0.005	350	5.60	4.1	917		1.00	
730817		21.1	5.1	7.6	1.500		0.000	105000	1.00	5.1	750		0.70	
730703		23.3	5.3	8.0	2.600		0.000	83000	1.40	8.1	717		1.50	

BPJC03 SALINE BRANCH
I-74 BRIDGE 1 MI NORTHWEST 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730608		18.9	7.5	8.0	0.760		0.000	27000	0.20	11.0	617		1.10	
730516		15.0	7.2	8.1	2.300		0.008	13000	1.20	7.3	700		0.90	
730412		8.3	11.3	7.9	1.000		0.004	400	1.30	9.4	683		1.60	
730312		7.8	9.4	7.6	0.470		0.002	140000	0.40	9.4	617		1.70	
730220		6.7	10.2	8.2	2.300		0.006	10000	4.00	6.9	800		1.50	
730104		3.9	10.4	7.8	0.340		0.002	45000	0.30	6.8	550		1.30	
721214		6.1	10.7	7.8	0.750		0.005	2500	0.50	8.1	717		1.70	
721114		5.0	8.8	7.7	0.200		0.003	2800	0.30	7.5	567		1.30	
721004		20.0		8.0	1.600		0.001	220000	1.90	6.0	767		1.40	
720912		24.4	4.5	8.0	6.000		0.016	520000	8.10	1.6	800	0.4	1.30	
720817		25.0	3.4	7.6	2.300		0.007	80000	5.80	2.3	750	0.0	1.08	
720725		25.6	3.4	7.8	1.600		0.010	640000	4.90	1.7	680	0.5	1.10	15
720706		21.1	9.1	8.3	0.600		0.000	0	0.30	7.8	742	0.2	1.40	
720612		17.8	8.6	8.0	0.400		0.003	130	0.00	10.0	700	0.0	2.20	
720525		20.6	7.9	7.7	4.000		0.006	34000	4.20	6.9	817	0.0	2.20	
720424		15.0	8.8	7.7	0.450		0.001	50000	0.20	12.0	533	0.0	1.70	20
720313		8.3	6.2	7.5	1.500		0.008	118000	0.50	3.8	500	0.0	1.10	47

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740717		0.0	0.000	0.010	0.9	0.00	0.07	0.0	0.0	0.6	36	63		
740710		0.0	0.000	0.000	1.4	0.00	0.07	0.0	0.0	0.5	30	63		
740702		0.0	0.000	0.000	1.6	0.00	0.26	0.0	0.0	0.3	22	57		
740628		0.0	0.000	0.000	3.2	0.00	0.16	0.1	0.0	0.3	20	50		
740619		0.0	0.000	0.000	5.9	0.05	0.33	0.0	0.1	0.3	19	41		
740614		0.1	0.000	0.000	1.0	0.00	0.07	0.0	0.1	0.4	25	51		
740319		0.1	0.000	0.000	0.4	0.00	0.05	0.0	0.1	0.4	27	65		
731227		0.0	0.000	0.000	1.1	0.01	0.07	0.0	0.0	0.3	33	56		
720912		0.1	0.000	0.000	0.4	0.02	0.08	0.2	0.0	1.2	52	87		
720725		0.1	0.000	0.000	0.4	0.02	0.20	0.0	0.1	0.7	39	93		
720424			0.000	0.000	0.8	0.00	0.65	0.0	0.1	0.6	27	67		
720313			0.000	0.000	0.1	0.01	0.15	0.0	0.0	0.3	63	50		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOE (MG/L)
740717		0.000	0.4	0.01	0.01	0.02	0.00		0.00	0.000		
740710		0.000	0.4	0.01	0.01	0.02	0.00		0.00	0.000		
740702		0.000	0.3	0.00	0.02	0.02	0.00		0.00	0.000		
740628		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
740619		0.000	0.2	0.00	0.02	0.02	0.01		0.00	0.000		
740614		0.000	0.3	0.00	0.00	0.00	0.01		0.00	0.000		
740319		0.000	0.4	0.00	0.00	0.00	0.00		0.00	0.000		
731227		0.000	0.9	0.00	0.00	0.00	0.00		0.00	0.000		
720912		0.000	0.7	0.00	0.00	0.00	0.10		0.00	0.000		
720725		0.000	0.5	0.00	0.00	0.00	1.08		0.00	0.000		
720424				0.00	0.00	0.00	0.16					
720313	039			0.00	0.00	0.00	0.02	0.05				

BPJC04 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740813		26.1	7.8	7.9	0.210		0.000	5400	0.10	6.2	633	0.0	0.80	
740726			6.6	7.9	0.380		0.000	1400	0.50	6.1	650		0.50	
740614		19.4	8.1	8.0	0.310		0.000	10000	0.20	8.3	533		1.10	
740524		15.0	8.8	7.7	0.390		0.000	4000	0.30	9.2	517	0.0	1.00	
740409		7.2	12.4	8.2	0.100		0.000	620	0.10	9.2	567		0.90	
740130		4.4	11.8	7.9	0.110		0.000	10	0.10	9.6	600	0.3	0.70	
731227		6.1	11.5	8.0	0.210		0.000	600	0.10	9.7	567		0.80	
731130		8.3	11.9	8.4	0.090		0.000	340	0.00	7.2	650		0.90	
731018		13.3	8.8	8.1	0.180		0.000	1100	0.10	5.2		0.0	0.40	
730917		16.7	6.4	7.9	0.210		0.000	9000	0.20	1.0	867		0.30	
730816		23.9	8.9	8.3	0.410		0.000	510	0.20	6.8	667		0.70	
730703		22.8	7.5	8.2	0.180		0.000	1700	0.10	11.0	650		1.60	
730608		17.2	8.9	8.0	0.170		0.000	1000	0.10	12.0	600		1.20	
730516		13.3	9.8	8.3	0.040		0.017	18000	0.00	9.9	633		1.00	
730412		7.2	12.1	8.2	0.050		0.005	40	0.00	12.0	633		1.70	
730312		7.8	10.5	7.7	0.170		0.000	800	0.10	10.0	617		1.70	
730220		5.0	14.5	8.4	0.060		0.000	10	0.10	9.4	700		1.60	
730103		6.1	11.2	7.9	0.230		0.003	680	0.20	6.9	550		1.30	
721214		5.0	11.2	7.8	0.110		0.000	180	0.20	9.0	680		1.70	
721114		9.4	8.5	7.9	0.130		0.003	1900	0.30	8.8	717		1.20	
721004		18.3		8.2	0.130		0.001	3500	0.20	7.7	717	0.0	1.30	
720912		22.8	5.3	8.0	0.180		0.009	960	0.20	1.1	733	0.2	0.80	
720816		26.7	5.8	8.0	0.050		0.003		0.20	1.8	700	0.0	1.10	
720725		24.4	2.1	6.9	11.100		0.000	22000	0.40	2.3	550	0.0	1.10	
720612		16.7	8.0	8.0	0.100		0.002	6500	0.00	12.0	667	0.0		
720525		21.7	7.2	7.2	0.100		0.000	700	0.10	11.0	650	0.0	2.40	
720424		15.0	10.4	7.7	0.050		0.000	1000	0.00	13.0	533		1.80	
720313		8.3	9.8	7.6	0.100		0.005	0	0.10	5.4	533	0.0	1.10	80

BPJC04 SALINE BRANCH
OFF BANK NORTHWEST CORNER OF URBANA SEWAGE TREATMENT PLANT GROUNDS --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740813		0.1	0.000	0.000	0.5	0.00	0.05	0.0	0.0	0.3	23	56		
740524	2	0.0	0.000	0.000	4.6	0.00	0.14	0.0	0.0	0.2	16	44		
740130		0.0	0.000	0.000	1.0	0.20	0.05	0.0	0.1	0.2	19	43		
731018		0.1	0.000	0.010	0.5	0.00	0.10	0.0	0.0	0.3	22	60		
721004		0.1	0.000	0.000	2.8	0.02	0.10	0.0	0.1	0.7	23	65		
720612			0.000	0.000	0.3	0.00	0.02	0.0	0.0		3	23		
720313			0.000	0.000	0.0	0.01	0.00	0.0	0.0	0.2	54	40		

BPJC04 SALINE BRANCH
OFF BANK NORTHWEST CORNER OF URBANA SEWAGE TREATMENT PLANT GROUNDS --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740813		0.000	0.2	0.02	0.00	0.02	0.00		0.00	0.000		
740524		0.000	0.2	0.00	0.01	0.01	0.01		0.00	0.000		
740130		0.000	0.5	0.00	0.00	0.00	0.21		0.00	0.000		
731018		0.000	0.5	0.00	0.00	0.00	0.00		0.00	0.000		
721004		0.010	0.2	0.00	0.00	0.00	0.38		0.00	0.000		
720612				0.00	0.00	0.00	0.07	0.00				34
720313	605			0.00	0.00	0.00	0.02	0.05				

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740925		16.7	10.4	8.1	0.080		0.000	40	0.00	1.6	833		0.40	
740823		26.1	9.0	8.3	0.270		0.000	160	0.00	4.3	717		0.70	
740722		26.1	9.0	8.3	0.030		0.000	210	0.10	3.9	683	0.0	0.70	
740624		17.8	8.2	7.8	0.750		0.000	2800	2.00	4.8	250		0.50	
740522		19.4	8.2	7.7	0.620		0.000	14000	1.40	7.9	383		1.10	
740422		14.4	9.5	8.4	0.120		0.000	1700	0.20	5.7	667	0.0	0.60	
740327			12.2	8.4	0.080		0.000	0	0.10	7.4	633		0.60	
740227		3.9	13.7	8.2	0.160		0.000	130	0.20	7.8	583	0.0	0.60	
740201		5.0	11.8	8.2	0.150		0.000	130	0.20	8.2	483		0.00	
731228		2.8	12.3	8.2	0.290		0.000	1300	0.20	7.7	417		0.70	
731204		11.7	9.7	8.3	0.470		0.000	2100	0.30	3.6	567	0.0	0.40	
731024		16.7	14.2	8.5	0.060		0.000	0	0.00	0.9			0.20	
730920		18.9	9.8	8.3	0.050		0.000	0	0.10	0.6	850		0.20	
730817		22.2	8.3	8.1	0.150		0.000	1700	0.20	4.0	567		0.50	
730711		23.9	7.8	8.5	0.160		0.000	0	0.00	6.1	650		0.90	
730606		19.4	7.4	7.9	0.870		0.000	8000	0.90	5.6	267		0.30	
730509		15.0	9.7	8.4	0.070		0.002	0	0.00	7.1	617		1.00	
730411		7.2	11.8	8.0	0.150		0.000	60	0.00	7.5	550		1.30	
730315		12.2	9.5	7.9	0.350		0.002	29000	0.20	7.3	533		1.50	
730214		3.3	13.3	8.3	0.040		0.000	0	0.10	6.9	667		1.40	
730104		1.7	12.2	7.9	0.260		0.009	620	0.30	5.4	483		1.10	
721130		6.7	11.8	8.4	0.250		0.010	20	0.10	8.3	667		1.60	
721017		12.2	10.4	8.2			0.000	120	0.10	7.5	717	0.2	1.10	
720822		28.3	14.2	8.7	0.320		0.010	20	0.30	1.4	617	0.0	0.60	
720727		24.4	7.7	8.3	0.080		0.000	2500	0.50	5.4	400	0.0	1.40	140
720705		21.1	8.5	8.3	0.500		0.000	70	0.00	6.6	617	0.0	1.60	
720530		21.1	8.6	8.0	0.050		0.010	250	0.00	8.6	633	0.0	1.70	
720427		11.1	9.6	7.9	0.111		0.003	2500	0.10	12.0	633	0.0	1.60	27
720329		5.6	11.4	7.9	0.190		0.004	1100	0.10	8.5	417	0.0	1.40	60
711028		15.6	9.9	8.3	0.065	7		120	0.40	0.0				
710922		18.3		8.7	2.774	17		20	0.20	0.9				
710603		24.4	7.5	8.0		43				0.7			1.30	91
710426		16.7	11.1	8.2		39				0.7			1.80	5
710324		4.4	12.4	8.1						1.8			1.90	70
710119		0.0												
701102		8.9	10.6	8.3		19				1.6			1.80	20
700930		17.2	9.1	8.2		24				1.4			1.30	60
700813		26.7	10.6	8.4		11	0.000	10		0.5			0.90	20
700624		24.4	7.9	8.2		13				1.6			2.00	400
700514		18.3	8.7	8.1		19				2.5			2.40	240
700330		6.7	11.8	8.1		14				2.3			2.40	45
700216		0.6	12.7	8.4		12				0.9			1.30	10
691217		2.2	14.8	8.2		10				1.4			1.40	15
691201		3.3	13.2	8.3		4				1.6			1.50	7
691022		9.4	11.3	8.2		11				1.4			1.40	70
690929		16.7	10.3	8.3		14				0.0			0.50	90
690828		26.7	7.9	8.1		12	0.000	20		0.0			0.30	100
690630		26.7	7.1	8.4		9				2.0			1.60	90
690528		23.3	11.3	8.5		7				1.6			1.40	20
690422		12.8	9.9	8.1		10				9.9			1.40	220
690331		3.9	14.1	8.2		12				4.7			1.40	70
690226		5.0	12.8	8.1		7				4.7			1.00	20
690115		0.0	12.4	8.1		7				5.2			0.40	18
681121		4.4	13.2	7.9		8				1.1			0.30	10
681002		19.4	8.7	7.6		2				0.0			0.10	70
680724		26.7	7.8	8.3		9				2.5			0.40	50
680605		23.3	8.4	8.0		8				10.8			0.70	50
680501		18.9	13.5	8.3		8				6.3			0.50	15
680410		12.2	10.2	7.8		9				9.0			0.90	200
680304		4.4	13.9	7.9		30				6.1			0.30	10
671102		10.0	10.7	8.0		16				0.0			0.10	30
670831		18.9		8.0	0.131	10			0.70				0.40	70
670614		25.6	8.8	8.0									0.30	65
670500		13.3	9.8	7.6									0.40	190
670221		1.1	13.4	7.9									0.60	40
661117		11.1	11.6	7.8									0.20	10
660908		21.1	9.6	8.1									0.10	75
660818		28.3	9.2	8.3									0.10	35
660707		26.7	9.2	8.1									0.00	30
660505		16.7	9.7	8.0									0.20	90

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
660310		6.7	12.6	8.2									0.20	65
660131		0.0	13.4	8.2									0.30	4
651220		1.1	13.4	8.3									0.20	5
651006		13.3	10.2	8.6									0.00	75
650623		24.4	8.3										0.30	8
650428		11.1	10.4	7.8									0.20	100
650127		1.1	12.8	8.0									0.30	160
641118		8.9	10.1	8.0									0.10	13
640920			7.9	8.3									0.10	30
630930		16.7	10.0	7.9										30
621217		1.7	13.4	8.0									0.30	8
620313		3.3	11.6	7.4									0.20	800
610620		17.8	7.9	7.9										260
600728		25.6	9.7	8.0									0.00	12
591201		1.1	13.8	8.0									0.00	70
590810		25.6	8.7	8.4									1.00	25
581203		2.2	12.9	8.0										7

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722		0.0	0.000	0.000	0.2	0.00	0.04	0.2	0.0	0.2	15	100		
740422		0.1	0.000	0.000	1.6	0.00	0.08	0.0	0.0	0.3	15	115		
740227		0.0	0.000	0.000	2.8	0.03	0.09	0.0	0.0	0.3	15	75		
731204		0.1	0.000	0.000	5.4	0.02	0.37	0.0	0.0	0.3	14	75		
721130			0.000	0.000	0.2	0.00	0.03	0.0	0.0					
720727		0.0	0.000	0.000	5.3	0.02	0.30	0.0	0.0	0.3	12	49		
720427			0.000	0.000	0.8	0.03	0.50	0.0	0.0	0.2	22	58		
720329			0.000	0.000	0.8	0.06	0.80	0.0	0.0	0.2	28	60		
700813		0.0	0.000	0.000	0.1	0.00	0.00	0.0	0.0	0.3	22	95	372	240
690929											45	277	410	228
690828		0.0	0.000	0.000	0.0	0.07		0.0	0.0	0.4	28	140	360	216
681002											20	115	352	220
670831		1.1	0.000		0.0	0.00	0.00	0.0	0.0	0.2	29	90	430	228
670614	2										14	45	372	272
670500	3										22	28	304	212
670221	0										20	28	320	196
661117	1										100	170	430	332
660908	3										22	54	408	216
660818	3										20	59	328	208
660707	1										52	24	364	228
660505	1										8	28	360	212
660310	1										16	45	276	216
660131	1										16	98	496	360
651220	1										14	28	328	256
651006	1										8	26	264	220
650623	1										16	26	284	234
650428	1										11	49	280	164
650127	2										30	90	192	210
641118	1										20	124	410	280
640920	2										14	340	436	216
630930											14	330	430	224
621217	1										20	54	460	340
620313	4										7	11	116	68
610620	3										6	92	248	166
600728	1										10		304	224
591201	1										10		376	226
590810	2										19		350	222
581203	3										8		222	256

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOE (MG/L)
740722		0.000	0.0	0.00	0.00	0.00	0.00		0.00	0.000		
740422		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740227		0.000	0.2	0.00	0.00	0.00	0.13		0.00	0.000		
731204		0.000	0.8	0.00	0.01	0.01	0.00		0.00	0.000		
721130				0.00	0.00	0.00	0.26					
720727		0.000	2.5	0.00	0.00	0.00	0.10		0.00	0.000		
720427				0.00	0.00	0.00	0.08					
720329				0.00	0.00	0.00	0.12					
700813				0.00	0.00		0.00					
690828		0.000		0.00	0.00		0.00					
670831				0.00	0.00		0.00					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740829		23.3	6.6	8.1	0.290		0.000	620	0.10	3.2	650		0.60	
740723		22.2	7.3	8.4	0.160		0.000	40	0.30	5.3	617		0.80	
740627		17.8	8.4	7.9	0.290		0.000	1500	0.20	9.0	483	0.0	0.90	
740527		13.9	9.6	8.0	0.200		0.000	100	0.30	11.0	567		1.10	
740424		11.1	11.3	8.4	0.200		0.000	10	0.20	8.1	567		0.80	
740228		6.7	13.4	8.3	0.150		0.005	0	0.20	9.0	533		0.70	
740201		0.3	12.0	8.0	0.140		0.000	340	0.20	9.1	467		0.80	
731218		0.6	13.4	8.3	0.210		0.000	100	0.10	4.6	600	0.5	0.40	
731128		8.3	9.7	8.2	0.360		0.000	3500	0.90	2.9	567		0.60	
731018		12.2	10.0	8.1	0.230		0.000	250	0.00	2.5			0.20	
730920		17.8	9.9	8.4	0.230		0.000	10000	0.10	0.9	617		0.20	
730807		22.8	7.7	8.3	0.200		0.005	30	0.10	4.7	650		0.70	
730711		24.4	7.5	8.4	0.260		0.000	900	0.10	6.6	600		1.00	
730608		20.0	7.1	8.0	0.340		0.000	1100	0.30	6.0	350		0.80	
730509		16.7	9.1	8.3	0.100		0.000	1200	0.40	8.4	600		1.00	
730412		7.2	11.3	8.1	0.090		0.000	300	0.00	9.0	600		1.50	
730320		7.8	11.4	8.1	0.110		0.002	140	0.10	8.4	567		1.55	
730301		7.2	14.0	8.6	0.100		0.000	0	0.00	6.9	600		1.10	
730125		5.6	12.4	8.2	0.160		0.000	0	0.10	6.9	600		1.50	
721017		12.2	9.7	8.2			0.005	60	0.10	8.3	683		1.20	
720907		21.7	10.2	8.4	0.010		0.007	200	0.00	4.0	650	0.0	1.00	
720706		21.1	8.3	8.5			0.000	0	0.10	8.6	667	0.0	1.40	
720626		22.2	8.0	8.3	0.110		0.000	10	0.00	11.2	650	0.2	1.04	20
720427		14.4	9.6	7.8	0.060		0.005	10	0.20	12.0	617		1.70	
720330		7.2	12.0	8.0	0.100		0.003	140	0.10	11.0	433	0.0	1.50	
720309		5.0		8.5	0.140		0.000	10	0.00	7.5	500		1.00	4

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740627		0.0	0.000	0.000	6.1	0.00	0.20	0.0	0.1	0.2	10	42		
731218		0.0	0.000	0.000	0.2	0.00	0.09	0.0	0.0	0.3	17	70		
720626			0.000	0.000	0.4	0.00	0.02	0.0	0.2	0.2	15	64		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740627		0.000	0.4	0.00	0.00	0.00	0.01		0.00	0.000		
731218		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		
720626				0.00	0.00	0.00	0.15					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740918		19.4	8.8	8.3	0.180		0.000	2700	0.00	4.5	667	0.0	0.70	
740820		26.1	7.4	8.7	0.040		0.000	1200	0.40	4.8	883		0.70	
740719		25.6	9.5	8.4	0.280		0.000	3200	0.10	7.9	717	0.0	0.90	
740610		17.2	8.6	8.2	0.550		0.000	3300	1.20	11.0	480		1.10	
740515		10.3	9.4	7.6	0.380		0.000	3700	0.40	11.0	550		1.00	
740417		12.2	12.0	8.5	0.050		0.000	0	0.10	9.6	580	0.0	1.00	
740321			12.1	8.3	0.380		0.000	0	0.10	12.0	617		0.70	
740221		4.4	12.7	8.1	0.200		0.000	400	0.20	10.0	533		0.80	
740124		3.0	11.4	7.8	0.210		0.000	240	0.30	13.0	383	0.2	0.90	
731218		0.6	14.8	8.3	0.040		0.000	0	0.00	6.2	733		0.50	
731128		7.8	12.0	8.4	0.200		0.000	1000	0.90	1.5	580		0.50	
731016		11.7	10.0	8.2	0.090		0.000	290	0.10	0.2		0.2	0.30	
730926		23.3	8.3	8.3	0.130		0.000	0	0.10	0.3	633		0.30	
730807		23.3	7.8	8.4	0.100		0.005	10	0.10	5.6	667		0.80	
730717		25.0	8.2	8.3	0.210		0.000	10	0.10	6.0	633		0.70	
730608		18.3	7.5	7.9	0.420		0.000	1100	0.20	7.4	417		0.90	
730509		16.7	9.5	8.2	0.060		0.000	1200	0.70	9.5	617		1.10	
730412		6.7	11.6	8.1	0.060		0.000	300	0.00	9.5	600		1.60	
730322		6.1	11.8	8.1	0.100		0.000	0	0.10	8.9	633		1.45	
730301		7.2	15.7	8.0	0.040		0.000	20	0.00	7.7	633		1.20	
730108		1.1	13.4	8.4	0.080		0.002	650	0.00	8.5	633		1.50	
720706		21.7	8.4	8.5			0.000	50	0.00	9.6	692	0.0	1.50	
720627		25.6	8.1	8.4	6.000		0.000	20	0.00	11.5	700	0.3	0.00	

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740918	0.0	0.000	0.000		1.0	0.00	0.00	0.0	0.0	0.3	13	54		
740719	0.1	0.000	0.000		0.6	0.00	0.03	0.1	0.0	0.3	27	68		
740417	0.0	0.000	0.000		0.5	0.00	0.04	0.0	0.0	0.2	15	57		
740124	0.0	0.000	0.010		2.0	0.11	0.07	0.0	0.0	0.2	12	40		
731018	0.0	0.010	0.000		1.2	0.00	0.10	0.0	0.0	0.3	15	80		

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

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)
740918		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740719		0.000	0.2	0.00	0.00	0.00	0.00		0.00	0.000		
740417	22	0.000	0.1	0.00	0.00	0.00	0.00		0.00	0.000		
740124		0.000	0.5	0.00	0.00	0.00	0.22		0.00	0.000		
731018		0.000	0.3	0.00	0.00	0.00	0.00		0.00	0.000		

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740904		21.1	2.0	7.0	0.230		0.010	130	0.11	0.8	300		0.20	
740814		25.0	1.8	7.0	0.340		0.015	1000	0.22	4.8	417	0.0	0.40	
740729		25.6	2.4	7.9	0.030		0.010	0	0.08	0.2	650		0.30	
740605		21.1	4.7	7.5	0.330		0.015	200	0.30	0.8	217		0.30	
740520		22.2	4.5	7.1	0.250		0.010	510	0.30	0.8	417	0.0	0.20	
740411		11.7	9.4	7.3	0.320		0.005	1700	0.35	0.6	267		0.20	
740321		6.7	9.8	7.4	0.350		0.010	500	0.30	0.9	283		0.20	
740221		5.0	11.6	7.8	0.220		0.005	340	0.35	1.2	750	0.0	0.40	
740117		2.8	11.1	7.3	0.180		0.010	390	0.25	1.1	500		0.80	
731105		7.2	7.0	7.6	0.080		0.005	60	0.10	0.7	570		0.40	
731004		20.6	7.9	7.9	0.100		0.005	190	0.10	0.3	483		0.30	
730823		24.4	5.2	7.3	0.240		0.010	100	0.40	0.7	183	0.4	0.10	
730720		26.1	4.9	7.5	0.200		0.010	1700	0.25	0.9	417		0.30	
730614		24.4	4.0	7.3	0.280		0.005	300	0.20	1.3	350		0.40	
730510		16.7	6.4	7.3	0.190		0.008	1100	0.39	0.2	283	0.0	0.40	
730411		6.7	8.8	7.6	0.170		0.008	240	0.40	0.7	650		0.40	
730306		8.3	11.0	8.0	0.170		0.008	300	0.30	1.4	783		0.70	
730208		3.3	10.8	7.5	0.340		0.013	600	0.34	2.1	367	0.3	0.50	
730125		2.8	10.9	7.3	0.370		0.010	1000	0.50	1.9	317		0.40	
721227		1.1	11.5	7.5	0.200		0.007	310	0.68	1.8	417		0.70	
721108		11.1	6.2	7.4	0.340		0.000	1000	0.48	0.4	233	0.0	0.40	
720928		23.3	6.4	7.9	0.070		0.007	1000	0.15	0.3	383	0.3	0.40	
720913		22.8	4.5	7.7	0.070			10	0.13	0.3	667	0.0	0.80	
720808		24.4	2.7	7.5	0.160		0.000	170	0.25	0.8	317		0.40	80
720727		25.6	4.0	7.5	0.060		0.000	250	0.20	0.8	250	0.0	0.60	
720718		25.6	2.7	7.3	0.070		0.000	230	0.49	0.5	583		0.60	
720706		20.0		7.9	0.040		0.000	80	0.26	0.2	550		0.40	
720619		23.9	4.3	7.9	0.050		0.000	40	1.50	0.3	917		0.60	
720515		18.3	4.7	7.7	0.040		0.010	20	0.15	0.7	600		0.70	30
720419		16.1	4.6	7.5	0.060		0.010	800	0.30	1.0	205		0.40	
720322		7.8	7.1	7.4	0.050		0.010	170	0.40	2.0	500		0.70	150
720215		3.9		8.6	0.050		0.000	10	0.10		813		0.80	15
711227		9.4	9.0	7.5	0.098	22		90	0.20	0.2				
711116		13.9	7.4	7.7	0.033	12		10	0.10	0.2				
711019		18.9	9.0	7.6	0.196	13		10	0.20	0.0				
710921		20.6	9.8	8.1	0.196	15		0	0.90	0.0				
710726		26.1	6.1	7.8	0.163	19				0.2			1.20	170
710622		25.0	4.8	7.2		31				0.2			1.20	650
710511		18.0	5.5	7.3		48				0.2			1.10	150
710419		19.4	7.7	7.2		21				0.0			0.10	130
710330		10.6	9.0	7.6		40				0.2			1.50	130
710302			10.0	6.6		20				0.2			0.30	380
710217		2.8	10.2	6.9		35				0.2			1.60	140
710208		0.6	11.3	6.2		27				0.2			0.10	700
701214				7.4		15				0.0			0.10	25
701116		10.0	12.0	7.9		13				0.0			0.00	25
701027		16.7	7.5	7.7		35				0.0			0.90	45
700915		26.1	7.9	7.5		20				0.0			0.70	40
700901			8.0	8.0		19				0.0			0.00	40
700805		26.7	7.0	7.8		18	0.000	10		0.0			0.70	50
700620		23.9	4.5	7.3		23				0.7			0.60	260
700609			6.0	7.2		19				0.0			0.10	340
700506		19.4	5.3	7.1		26				0.0			0.80	95
700324		7.8	10.8	7.6		16				0.2			1.20	110
700310			8.6	7.2		12				0.2			0.10	160
700113		1.1	12.4	7.1		21				0.2			1.40	25
691203		6.1	10.0	7.3		22				0.2			0.80	50
691015		17.8	5.2	7.4		20				0.0			0.70	370
690903			8.4	7.5		18				0.0			0.10	40
690826		25.6	4.9	7.3		21	0.000	60		0.0			0.70	110
690624		23.3	5.0	7.1		26				0.5			0.10	850
690603			6.4	7.4						0.0			0.10	150
690507		20.6	4.6	7.1		22				0.5			0.50	100
690311		5.6	11.1	7.4		34				9.7			1.00	55
690304			11.7	7.5		18				0.7			0.10	85
690205		4.4	10.7	6.8		19				1.1			0.60	400
690127		1.7	10.8	6.9		31				1.1			0.20	350

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
690108		1.1	10.2	7.2		30				1.8			0.20	112
681223		2.8	10.4	7.2		14				1.4			0.30	95
681204			9.5	7.2		25				0.5			0.00	400
681029		11.7	8.7	7.7		8				0.0			0.30	22
681014		20.6	8.7	8.0		9				0.0			0.20	25
680917		22.2	7.7	7.6						0.2				
680826		28.3	6.9	7.7		18				0.2			0.20	55
680807		27.2	4.9	7.2	1.501	18	0.004	580	0.30	0.7			0.10	550
680618		26.1	5.6	6.2		25				0.5			0.30	110
680527		17.6	5.7	7.0		29				0.7			0.30	1000
680508		20.0	8.1	7.8		18				0.7			0.30	83
680326		8.9	9.5	6.8		36				1.4			0.20	130
680130		4.4	10.9	7.7		12				1.6			0.10	320
671206		7.2	9.2	6.8						0.5			0.10	310
671031		13.9	6.8	7.1		17				0.2			0.20	95
670913		22.8	7.3	7.6	0.163	11	0.000		0.80	0.2			0.30	54
670802		27.2		7.2		8				0.2			0.10	300
670627		25.0	4.1	6.9									0.20	350
670524		18.0	5.2	6.8									0.10	65
670412		17.8	7.6	7.3									0.20	170
670201		8.9	10.7	7.3									0.20	190
661116		11.7	4.7	7.5									0.20	40
661005		18.9	10.5	7.8									0.30	45
660817		26.7	7.2	8.0									0.10	23
660510		15.6	4.9	7.3									0.00	50
660321		16.7	8.9	7.6									0.30	85
660119		2.8	9.8	7.4									0.50	45
651115		13.3	7.9	7.7									0.20	25
650830		26.1	8.1	8.1									0.00	30
650519		25.0	6.5	7.7									0.10	100
650309		4.4	11.1	7.2									0.10	190
650113		4.4	9.2	7.4									0.20	43
641014		14.4	8.9	7.6									0.10	15
640803			7.6	6.3									0.10	55
640728		25.6	4.0	7.5									0.20	75
630820		21.1	4.7	7.5									0.20	55
630617		25.6	4.2	7.4									0.10	45
620827		25.6	5.2	7.7									0.10	55
620129		4.4	11.4	6.7									0.20	110
610313		10.0	6.3	6.7									0.00	180
590803		26.7	4.0	7.8									2.00	55
580918			5.5	7.0										45

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740814		0.0	0.000	2.2	0.00	0.63	0.0	0.0	0.1	40	40		
740520		0.0	0.000	4.8	0.60	0.08	0.0	0.3	0.2	37	68		
740221		0.1	0.000	1.4	0.01	0.25	0.0	0.0	0.1	77	120		
730823		0.0	0.000	4.5	0.00	0.38	0.0	0.0	0.2	20	23		
730510		0.0	0.000	4.8	0.03	0.35	0.0	0.0	0.2	23	100		
730208			0.000	5.6	0.03	0.17		0.0	0.2	33	59		
721108		0.1	0.000	5.4	0.04	0.37	0.0	0.1					
720808		0.0	0.000	3.6	0.05	0.80	0.0	0.0	0.2	46	37		
720515		0.0	0.000	1.3	0.02	1.40	0.0	0.0	0.2	62	85		
720215				0.4		0.40			0.2	114	96		
711227										30			
710419										128	160	276	136
700805		0.0	0.000	0.1	0.00	0.20	0.0	0.0	0.3	90	26	228	172
700113										125	165	272	118
690826		0.0	0.000	0.0	0.00		0.0	0.0	0.3				
690304										89	110	248	114
680807		0.5	0.000	4.0		0.10	0.0	0.0	0.2	23	9	82	44
680618										70			
670913		0.4	0.000	0.1	0.05	0.50	0.0	0.1	0.2	74	14	128	100

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
670627	1									64	12	132	188
670524	1									30	14	116	76
670412	3									90	31	240	148
670231	4									124	42	256	108
661116	2									5	14	232	68
661005	4									170	19	244	160
660817	2									108	20	280	216
660510	2									28	12	154	80
660321	2									118	55	248	128
660119	2									80	24	164	88
651115	2									72	31	184	96
650830	3									44	15	10	102
650519	3									32	200	224	144
650309	3									46	34	132	64
650113	3									160	104	380	204
641014	1									61	42	196	152
640803	2									28	75	332	304
640728	2									38	39	224	200
630820	4									42	40	140	84
630617	0									45	60	208	160
620827	4									14	48	112	88
620129	3									23	16	48	40
610313	2									28	15	62	22
590803	4									77		110	174
580918	2									51		140	120

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	MOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740814	0.000	0.3	0.00	0.00		0.15	0.023		0.00	0.000		
740520	0.000	0.1	0.00	0.00		0.55	0.000		0.00	0.000		
740221	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
730823	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
730510	0.000	0.1	0.00	0.00		0.06	0.000		0.00	0.000		
730208			0.00	0.00		0.00	0.000					
721108	0.000	0.2	0.00	0.02		0.12	0.000		0.00	0.015		
720808	0.000	0.2	0.00	0.00	0.00	0.06	0.000		0.00	0.000		
720515			0.00	0.00		0.06	0.000			0.000		
720215							0.000	0.10				
700805			0.00	0.00		0.00	0.000					
690826	0.000		0.00	0.00		0.00	0.000					
680807	0.000		0.00	0.00		0.10	0.000					
670913	0.000		0.00	0.00		0.50	0.000					

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	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740905	2720	20.0	0.7	7.2	0.360		0.005	410	0.17	0.8	200	0.2	0.20	
740814	315	26.1	2.1	7.2	0.180		0.010	1000	0.19	1.1	467		0.20	
740729	70	27.2	1.5	7.7	0.020		0.010	20	0.10	0.4	650		0.30	
740618	3920	21.1	6.4	6.8	0.300		0.010	400	0.30	0.7	367	0.0	0.60	
740516	4310	19.4	7.4	7.3	0.550		0.010	7900	0.20	0.6	367		0.20	
740424	4930	16.1	7.0	7.3	0.120		0.015	300	0.95	0.6	182		0.40	280
740417	7530	13.3	8.8	7.7	0.240		0.005	90	0.20	0.7	333		0.20	
740326	5090	6.1	11.1	7.9	0.180		0.010	580	0.75	0.8	433	0.0	0.20	
740213	1090	5.6	13.5	7.7	0.240		0.005	10	0.10	1.1	733		0.50	
740123	10800	3.3	10.3	7.1	0.260		0.010	500	0.30	1.3	267		0.20	

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
731217	536	1.1		7.6	0.220		0.000	100	0.29	0.7	550	0.2	0.30	
731114	66	11.1	9.0	7.7	0.120		0.010	100	0.10	0.5	710		0.40	
731030	21	12.8	7.0	7.6	0.080		0.010	170	0.20	0.6			0.10	
731004	108	21.7	7.2	7.6	0.320		0.010	260	0.20	0.2	450		0.30	
730823	212	24.4	4.4	7.4	0.220		0.010	500	0.40	0.6	250		0.30	
730717	327	26.7	4.8	7.8	0.220		0.000	300	0.45	1.1	350		0.40	
730607	6900	23.3	6.5	7.6	0.550		0.015	2900	0.40	1.1	283		0.30	
730510	9080	16.1	7.2	7.3	0.190		0.000	1900	0.60	0.1	300		0.40	
730411	9900	6.7	9.2	7.5	0.170		0.010	370	0.24	0.6	330		0.40	
730306	1840	10.0	10.2	7.9	0.180		0.008	200	0.33	1.2	650		0.70	
730214	1120	3.3	12.5	7.7	0.130		0.000	90	0.51	1.7	683		0.60	
730111	7500	0.0	11.2	7.3	0.300		0.010	300	0.50	1.3	250		0.40	
721228	3720	1.7	11.4	7.5	0.210		0.007	70	0.18	2.5	450		0.80	
721108	3360	10.0	7.6	7.3	0.510		0.010	2000	0.45	0.0	200		0.40	
721003	128	18.3	8.2	7.2	0.090		0.008	10	0.15	0.3	417		0.70	
720913	156	25.0	5.7	7.7	0.100		0.010	70	0.05	0.5	350	0.0	0.40	
720828	298	25.0	3.6	7.2	0.140		0.010	160	0.49	0.7	317	0.2	0.60	
720727	33	27.2	3.8	7.5	0.050		0.005	70	0.15	0.5	350		0.60	75
720626	50	23.9	5.1	8.2	0.050		0.000	30	0.15	0.8	650		1.10	
720515	493	18.3	6.7	8.3	0.040		0.000	60	0.15	0.5	717		0.85	
720322	633	7.2	7.9	7.8	0.090		0.010	170	0.20	1.6	817		0.70	80
720301	1750	8.3	10.3	7.5	0.110		0.000	270	0.40	1.6	1357		1.30	
720131	115	3.3	13.0	7.9	0.550		0.008	10	0.30	0.6	767		0.60	10
711227	314	7.2	8.6	7.5	0.098	20		160	1.80	0.2				
711116	31	12.8	6.4	7.8	0.163	13		10	0.60	1.4				
711019	29	18.3	4.8	7.5	0.326	13		10	0.30	0.0				
710921	39	20.6		7.7	0.294	19		30	0.90	0.0				
710810	131	23.3	2.4	8.2		7		18000	0.20	0.0			0.10	120
710802	167	23.3	4.0	8.1		11				0.2			1.10	200
710726	288	25.0	5.5	7.8	0.163	15				0.2			1.30	190
710712	2330	26.1	4.2	7.4	0.555	47				0.0			0.60	1000
710706	2330	25.0	3.4	7.1		56				0.2			0.80	1500
710628	445	26.7	3.0	8.0		22				0.7			0.10	280
710621	2070	25.0	4.4	7.8		21				0.2			0.10	400
710614	3210	25.0	4.0	7.8		12				0.5			0.10	1600
710607	278	24.4	4.1	7.3		38				0.2			1.10	55
710601	657	19.4	6.5	7.4		17				0.2			0.10	170
710517	583	20.0	5.1	7.1		30				0.2			0.10	180
710510	2720	17.8	5.8	7.3		25				0.2			0.10	210
710503	233	16.7	6.3	7.5		41				0.2			1.20	145
710426	209	18.3	6.3	7.6		16				0.0			0.10	70
710419	354	18.3	7.4	7.2		23				0.0			0.10	120
710412	785	14.4	10.7	7.2		22				0.0			0.10	170
710405	303	11.1	13.4	8.0		32				0.0			1.50	100
710329	363	8.9	9.7	7.8		23				0.0			0.10	110
710322	964	8.3	9.4	7.5		5				0.2			0.10	290
710315	1490	10.6	9.7	7.2		0				0.2			0.00	140
710308	6340	4.4	10.0	7.4		25				0.2			0.00	150
710301	10700	6.7	10.1	7.3		49				0.2			0.50	330
710222	10200	5.6	10.2	7.5		24				0.5			0.00	550
710216	2190	1.1	10.0	7.4		37				0.2			0.10	95
710209	4500	0.6	11.8	6.9		42				0.2			1.40	160
710208	5100	0.6	11.5	6.6		26				0.2			0.00	450
710202	99	1.1	11.9	7.5		29				0.2			1.60	40
710125	160	1.7	10.6	7.8		28				0.2			0.10	50
710104	3250	5.0	10.2	7.4		46				0.2			2.00	1200
701207	68	7.2	9.3	7.7		41				0.0			1.30	30
701130	163	8.3	8.7	7.6		14				0.0			0.10	65
701123	227	7.2	7.7	7.6		22				0.0			0.00	240
701116	83	9.4	7.3	7.8		16				0.0			0.00	30
701109	82	11.7	8.9	8.0		14				0.0			0.10	25
701102	98	13.3	8.3	7.8		31				0.0			0.80	35
701026	112	14.4	7.7	7.3		9				0.0			0.10	60
701019	193	15.0	3.7	7.7		18				0.0			0.10	130
701013	199	18.9	4.1	7.6						0.0			0.10	110
701005	130	20.6	7.8	7.8		29				0.0			0.70	70
700908	33	26.1	1.8	7.5		19				0.0			0.60	110
700831	61	26.1	3.2	7.6		15				0.0			0.10	65
700824	39	25.6	5.4	7.6		17				0.0			0.40	65
700817	71	25.6	3.5	7.5		46				0.0			0.10	110
700810	368	23.9	3.4	7.4		18				0.0			0.10	270

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
700803	77	28.3	4.9	7.7		20				0.0			0.80	85
700727	188	25.6	4.6	7.4	0.033	17	0.000	20		0.0			0.60	90
700720	100	26.1	4.9	7.5		19				0.0			0.10	90
700713	166	26.1	3.0	7.2		18				0.2			0.10	120
700706	758	25.0	8.0	7.4		21				0.2			0.80	220
700629	4850	23.9	4.4	7.2		21				0.2			0.10	260
700622	9320	23.3	5.0	7.0		18				0.2			0.10	330
700615	6420	21.7	6.5	7.0		14				0.2			0.00	3000
700609	5620	21.7	5.8	7.2		27				0.5			0.10	330
700601	223	24.4	5.6	7.5		16				0.0			0.90	65
700519	961	21.7	4.3	7.3		27				0.2			0.00	140
700511	11400	20.0	4.7	7.4		29				0.0			0.00	75
700504	17400	20.0	5.5	7.3	0.163	24				0.0			0.60	140
700420	5750	15.6	6.9	7.4		24				0.2			0.00	1200
700413	938	15.6	8.4	7.4		21				0.2			0.00	140
700406	3980	10.6	9.5	7.3		24				0.2			0.90	140
700330	6980	8.3	9.4	7.2		34				0.2			0.00	260
700323	4310	6.7	11.2	7.6		18				0.2			1.20	175
700316	1070	6.1	11.2	7.6		29				0.2			0.10	55
700309	5580	10.0	8.0	7.6		32				0.2			0.10	210
700302	7030	8.3	10.2	7.6		34				0.2			1.00	650
700224	3030	5.6	11.8	7.5		21				0.2			0.10	220
700216	6630	1.7	10.9	7.4		32				0.2			0.10	55
700209	11500	1.7	11.2	7.2		24				0.2			0.10	160
700119	810	1.1	11.0	7.4		19				0.0			0.10	25
700112	280	1.1	12.4	7.5		20				0.0			0.10	25
700105	1100	0.6	13.0	7.7		19				0.2			1.20	25
691208	2910	4.4	10.9	7.3		24				0.0			0.10	450
691201	839	5.0	9.7	7.5		21				0.0			0.80	45
691103	3720	12.2	7.2	7.4		29				0.0			1.00	220
691027	307	12.8	6.6	7.4		24				0.0			0.10	85
691020	4090	13.3	6.7	7.2		18				0.0			0.00	120
691014	5070	18.9	5.1	7.5		16				0.0			0.10	350
691006	135	20.0	4.5	7.7		19				0.0			0.80	120
690929	226	19.4	5.3	7.2		17				0.0			0.10	210
690922	1210	21.1	5.5	7.2		27				0.0			0.10	250
690915	185	22.2	4.1	7.2		16				0.0			0.00	85
690908	932	26.7	3.8	7.4		17				0.0			0.50	150
690902	122	25.0	3.6	7.2		18				0.0			0.10	75
690825	1500	22.8	4.3	7.0		27				0.0			0.00	170
690818	87	26.7	4.1	7.3	2.382	15	0.000	100		0.0			0.40	75
690811	127	26.1	6.0	7.5		19				0.0			0.00	70
690804	307	26.1	3.8	7.4		15				0.0			0.60	55
690728	6170	25.6	3.9	7.3		17				0.0			0.10	140
690722	6510	26.1	3.4	7.1		28				0.0			0.10	400
690715	10200	27.2	2.9	6.9		13				0.0			0.10	90
690707	6500	26.1	3.5	7.3		25				0.0			0.50	600
690630	6000	26.7	3.8	7.1		25				0.2			0.00	500
690623	5210	21.7	5.9	7.2		10				0.2			0.10	3800
690616	2840	21.7	5.2	7.4		29				0.0			0.00	2000
690609	317	25.0	5.2	7.8		17				0.0			0.10	100
690602	305	23.9	4.5	7.4		21				0.0			0.80	170
690526	1950	20.0	5.7	7.4		22				0.2			0.00	210
690519	5240	18.9	6.1	7.2		23				0.2			0.00	700
690512	667	18.3	5.8	7.5		24				0.0			0.10	160
690505	4440	18.9	5.6	7.2		21				0.0			0.40	130
690428	11500	16.7	6.8	7.5		33				0.2			0.00	95
690421	13100	16.1	6.3	7.2		30				0.2			0.10	150
690414	6330	14.4	7.0	7.3		31				0.5			0.20	200
690407	3790	15.0	9.6	5.5										600
690331	4460	6.7	10.1	7.2		31				1.1			0.10	160
690324	2260	10.0	10.4	7.6		18				0.5			0.10	290
690317	487	6.7	14.5	7.6		15				0.5			0.00	60
690310	942	5.0	11.3	7.7		17				0.7			0.10	65
690303	2050	5.6	12.6	6.3		26				0.5			1.00	500
690224	2290	5.0	9.4	7.1		19				1.8			0.00	140
690217	12200	2.8	13.3	7.2		11				0.9			0.10	130
690210	17600	4.4	10.5	7.2		27				0.7			0.10	200
690203	18600	4.4	11.5	7.0		17				1.4			0.50	400
690127	8950	1.1	10.9	6.9		30				1.1			0.10	280
690120	7440	1.1	11.4	7.0		24				1.1			0.20	400

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
690113	309	1.1	10.4	7.1		24				0.9			0.20	45
690106	4500	0.6	10.5	7.6		16				1.8			0.10	140
681223	1570	2.8	11.5	7.2		31				0.5			0.50	150
681216	161	2.8	10.5	7.4		29				0.7			0.10	85
681209	412	3.9	9.9	7.3		21				0.7			0.10	130
681202	2390	7.8	8.8	6.8		23				0.9			0.40	350
681125	251	8.3	8.4	7.4		16				0.0			0.30	45
681118	143	9.4	5.4	7.3		17				0.2			0.20	50
681112	29	10.0	6.2	7.5		21				0.2			0.10	35
681104	24	13.9	7.2	8.0		10				0.2			0.30	27
681028	12	12.8	5.4	7.1		14				0.0			0.20	60
681022	15	17.2	5.8	7.5		20				0.0			0.10	30
681014	45	17.8	4.0	7.5		15				0.0			0.20	50
681007	46	18.3	4.8	7.1		8				0.5			0.20	70
680930	58	20.6	4.4	7.6		20				0.2			0.20	40
680923	63	22.2	4.0	7.5		18				0.2			0.20	70
680916	59	21.7	5.6	7.5		18				0.0			0.10	85
680909	101	23.9	5.3	7.7		21		80		0.2			0.20	80
680903	36	23.3	3.1	7.5		20				0.2			0.10	110
680826	84	27.2	3.4	7.2		14				0.2			0.10	110
680819	273	27.2	3.7	7.3		17				0.5			0.10	170
680812	1110	26.1	5.1	6.7		17				0.5			0.00	280
680805	2780	25.6	4.9	7.3	1.044	12	0.000	140	0.20	0.5			0.10	375
680729	555	28.3	1.9	7.4		20				0.2			0.20	65
680722	143	28.3	2.7	7.7		12				0.2			0.20	95
680715	84	25.6	2.3	7.2		21				0.7			0.00	270
680709	92	25.0	2.1	7.0		11				0.7			0.20	140
680701	861	26.1	4.7	7.8		10				0.7				130
680624	144	26.1	2.6	7.4		24				0.2			0.20	80
680617	206	25.6	4.3	7.5		24				0.2			0.20	110
680610	3600	25.0	3.9	6.8		17				0.5			0.10	80
680603	6900	23.6	5.9	7.5		17				1.8			0.30	130
680527	6720	17.8	5.7	7.0		30				0.5			0.20	950
680520	1090	18.3	6.2	7.2		20				0.5			0.20	200
680513	952	18.3	5.0	7.4		22				0.5			0.10	110
680506	307	20.0	6.3	7.5		21				0.7			0.50	95
680429	6500	16.7	5.5	7.5		23				0.2			0.10	100
680422	9400	18.9	6.0	7.3		22				0.2			0.10	240
680415	5360	15.6	5.5	7.1		25				0.5			0.10	130
680408	10300	11.7	6.7	7.1		23				0.5			0.10	330
680401	6900	15.0	8.1	7.3		19				0.9			0.20	725
680325	10700	6.1	9.5	7.2		31				0.9			0.10	110
680318	6530	8.9	9.4	7.3		28				1.1			0.20	350
680311	313	7.8	12.5	7.7		14				0.5			0.20	30
680304	253	3.9	12.6	7.8		11				1.1			0.20	20
680226	350	2.2	11.8	7.5		21				0.5			0.20	20
680219	2370	2.2	9.3	7.2		24				0.5			0.20	45
680213	10300	1.1	10.8	7.3		26				0.5			0.20	70
680205	13500	7.2	8.7	8.0		17				1.1			0.30	150
680129	7250	2.8	11.2	7.3		26				0.7			0.10	280
680122	18	2.2	10.9	7.3		17				0.5			0.20	25
680116	443	1.1	9.7	7.3		18				0.2			0.10	25
680108	550	0.0	6.4	7.7		15				4.1			0.10	95
680102	10300	1.1	10.6	7.5		34				0.2			0.00	180
671218	12000	5.0	9.6	7.2		27				0.5			0.00	100
671211	5130	7.8	8.3	7.1		31				0.5			0.10	190
671204	6100	6.1	9.2	7.7		19				0.7			0.10	350
671128	143	7.2	8.9	7.5		40				0.2			0.20	30
671120	205	7.8	8.5	7.4		24				0.2			0.20	30
671113	396	9.4	8.4	7.2		30				0.2			0.10	90
671106	936	8.9	7.8	7.7		20				0.0			0.20	90
671030	246	12.2	6.1	7.4		29				0.2			0.20	95
671016	164	15.6	4.3	7.5		18				0.2			0.10	80
671009	150	17.2	3.9	7.7		15				0.2			0.10	80
671002	102	17.2	4.8	7.5		13							0.30	97
670925	665	21.1	7.3	7.5		19				0.0			0.10	120
670911	271	21.1	4.0	8.0	0.131	13	0.000		1.00	0.0			0.20	160
670828	226	23.9	4.4	7.2		23				0.2			0.10	150
670821	747	23.3	3.8	7.2		23				0.2			0.10	170
670814	263	23.9	3.7	7.2		20				0.2			0.10	185
670807	355	26.7		7.1		10							0.20	160

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	BOAS (MG/L)	TURBID-ITY UNITS
670731	533	27.2		7.3		29				0.2			0.10	320
670724	728	26.1	3.3	7.3		11				0.5			0.10	550
670717	854	25.0	4.9	7.5		21				1.1			0.10	400
670710	201	25.0	3.0	7.3									0.20	150
670626	454	25.0	2.9	7.4		8				0.9			0.10	290
670619	1840	26.1	4.6	7.0		32				0.7			0.00	500
670612	268	23.3	4.5	7.2		77				0.7			0.20	130
670605	964	22.2	7.2	7.5									0.20	90
670522	6360	18.9	6.4	7.5		30				0.2			0.20	110
670515	6020	16.7	7.3	7.4		27				0.7			0.10	140
670508	5830	15.6	7.7	7.2									0.10	700
670501	5210	15.6	7.9	7.0									0.20	550
670424	718	18.3	6.9	7.5									0.10	120
670417	1600	21.1	6.2	7.6									0.30	350
670410	610	18.9	9.5	7.6									0.10	55
670403	3580	18.3	7.3	7.4									0.20	120
670327	4950	14.4	7.7	7.3									0.10	220
670320	6060	8.3	8.8	7.3									0.10	200
670313	7420	15.0	8.2	7.0									0.10	950
670307	5340	3.9	11.9	7.3									0.30	750
670227	170	2.8	14.4	7.7									0.30	25
670220	369	4.4	11.0	7.3									0.30	70
670214	1410	6.1	10.7	7.1									0.20	90
670206	4850	4.4	11.2	7.6									0.10	550
670131	2340	5.0	10.8	7.2									0.30	200
670123	170	7.8	11.1	7.4									0.30	60
670116	350	2.8	11.5	7.4									0.30	180
670109	1500	2.8	12.0	7.3									0.20	240
670103	744	3.3	11.9	7.3									0.20	75
661212	6980	7.2	9.1	7.2									0.20	325
661205	736	6.7	9.0	7.5									0.20	170
661128	224	10.0	4.8	7.2									0.30	70
661121	111	11.7	5.5	7.5									0.10	90
661114	173	12.2	6.9	7.1			0.000						0.20	25
661107	14	13.3	6.7	7.2									0.20	20
661031	20	13.9	8.4	7.3									0.10	25
661024	17	15.0	5.7	7.3									0.20	30
661017	23	15.0	5.5	7.5									0.20	40
661010	52	17.2	5.1	7.8									0.10	90
661003	77	18.9	4.7	7.8									0.20	80
660926	609	18.9	5.4	7.5									0.20	50
660919	8.0	22.2	6.1	7.7									0.30	25
660912	6.0	25.0	4.4	7.6									0.20	35
660906	242	26.1	3.7	7.7									0.40	20
660829	90	26.7	5.6	7.6									0.10	25
660822	162	27.8	4.5	7.7									0.10	25
660815	54	26.1	3.7	7.4									0.40	30
660808	13	26.7	4.4	7.7									0.20	35
660801	18	28.3	5.5	7.9									0.10	
660725	33	27.8	4.6	7.7									0.20	30
660718	82	30.0	3.4	7.7										30
660711	154	28.9	3.1	7.6									0.00	40
660705	54	28.3	5.5	7.8									0.00	40
660627	83	27.2	6.1	7.3									0.20	25
660620	125	25.6	4.6	7.2									0.00	35
660613	322	24.4	4.5	7.3									0.00	85
660606	237	23.3	4.7	7.3									0.30	70
660531	1050	22.2	3.9	7.1									0.40	120
660523	7100	22.2	6.0	7.0									0.00	230
660516	3280		7.1	7.2									0.20	160
660513	6080	17.2	6.0	7.1									0.20	65
660321	532	15.0	8.0	7.5									0.30	110
660215	7010		10.0	7.1									0.00	125
660207	122		11.8	7.7									0.20	7
660131	45		12.3	7.7										
660124	120		11.1	7.4									0.00	25
660117	227		10.4	7.3									0.40	50
660113	308		9.1	7.6									0.40	70
651220	212		8.5	8.2									0.20	30
651213	117		7.4	8.2									0.20	7
651206	86		8.6	7.7									0.30	20

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
651129	41		7.5	7.8									0.50	25
651122	36		6.8	7.7									0.00	25
651115	43		6.0	7.4									0.00	25
651108	35		8.8	7.1									0.00	20
651101	39		6.4	7.0									0.00	15
651025	126			7.6									0.20	50
651018	132		4.9	6.8									0.00	80
651013	250		8.2	7.9									0.20	90
651004	308		4.8	7.0									0.30	110
650927	840		3.0	7.4									0.00	150
650920	989		3.6	5.2									0.00	85
650913	2480		5.0	7.8									0.10	600
650907	1360		5.1	7.2									0.10	130
650830	115		2.3	7.3									0.00	80
650823	51		2.0	7.5									0.10	35
650816	20		3.2	7.0									0.10	45
650809	127		3.3	8.2									0.20	60
650802	40		3.0	7.4									0.20	60
650726	60		1.7	7.3									0.20	150
650720	140		2.5	7.3									0.10	290
650714	1640		4.4	7.3									0.10	550
650706	1420		4.8	7.4									0.10	430
650628	70		2.4	8.4									0.10	45
650621	110		7.5	7.4									0.00	240
650614	966		5.1	6.9									0.10	390
650607	1760		2.6	7.3									0.00	350
650601	172		3.4	7.3									0.20	45
650524	319		2.8	7.6									0.10	95
650517	238		3.5	7.6									0.20	50
650510	427		4.3	7.4									0.10	100
650501	2020		8.2	7.3									0.20	240
650426	628		5.4	7.5									0.20	160
650419	1700		6.9	7.3									0.20	170
650412	2000		6.0	7.4									0.20	430
650405	763		9.8	7.4									0.20	85
650329	555		10.7	7.5									0.10	95
650322	353		9.7	7.3									0.20	85
650315	1110		10.3	7.5									0.10	100
650308	5530		11.6	7.7									0.20	190
650301	1770		11.0	7.3									0.40	250
650223	1010		9.6	6.8									0.30	330
650215	9000		9.0	7.3									0.00	400
650208	131		11.7	7.2									0.40	45
650125	791		12.1										0.30	50
650118	58		10.5	7.3									0.10	65
650112	200		16.4	7.6									0.20	85
650104	352		9.4	7.4									0.20	80
641228	24		8.9	7.5									0.30	8
641221	30		9.3	7.3									0.30	14
641214	61		8.7	7.3									0.30	20
641201	36		8.8	7.6									0.20	30
641123	14		7.5	7.5									0.10	10
641116	11		11.2	7.1									0.30	14
641109	8.6		7.5	6.5									0.10	55
641026	3.5		8.4	6.8									0.00	11
641019	4.4		7.8	7.1									0.10	15
641012	4.4		6.9	7.6									0.20	75
641005	6.6		14.7	7.7									0.10	55
640928	20		5.2	7.3									0.00	50
640921	84		6.1	7.3										40
640914	7.0		5.3	8.0									0.10	65
640908	43		5.7	7.9									0.10	50
640831	39		3.8	7.8									0.10	75
640824	23		4.5	7.8									0.20	50
640817	11		4.3	7.9									0.20	85
640810	18		5.3	7.8									0.30	
640727	94		3.8	6.7									0.20	130
640720	106		1.9	8.2									0.30	150
640706	80		5.2	8.0									0.20	100
640629	1350		6.8	7.1									0.10	85
640622	6340		10.7	6.9									0.20	450

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
640615	148		3.2	7.0									0.30	190
640608	268		3.1	7.7									0.20	160
640601	2990		5.0	7.1									0.10	200
640525	120		2.7	7.3									0.10	30
640518	261		0.8	7.1									0.20	60
640511	297		4.7	7.9									0.10	80
640504	1150		10.6										0.10	150
640427	3310		6.1	7.2									0.10	210
640420	1660		8.8	7.2									0.10	200
640413	3880		7.6	7.7									0.10	350
640406	3880			6.9									0.10	1500
640330	6620		12.1	6.4									0.10	250
640316	14900			7.1									0.10	380
640310	12500		13.2	7.4										900
640302	122			8.1									0.20	50
640220	294		11.4	7.2									0.50	70
640217	421			7.2									0.30	95
631223	16		9.1	7.5									0.20	15
631216	25		9.9	8.1									0.50	220
631209	94		9.1	7.6									0.10	90
631202	112		5.6	7.4									0.10	70
631125	165		8.3	7.2									0.10	190
631118	19		9.6	7.5									0.10	75
631111	16		6.9	7.4									0.10	160
631104	20		4.3	7.5										80
631029	13		5.6	7.4									0.10	23
631021	9.6		4.3	7.4									0.10	12
631014	8.2		3.8	7.6										7
631007	7.8		2.1	7.8									0.20	60
630930	11		3.3	7.7										75
630923	11		4.5	7.7									0.20	170
630916	17		4.6	7.5									0.10	30
630909	20		3.8	7.5									0.20	60
630903	46		2.5	7.4									0.20	70
630826	67		5.2	8.0									0.40	90
630819	84		3.4	7.6									0.10	95
630812	78		3.2	8.0									0.20	140
630805	858		6.1	7.6										200
630801	989		3.4	7.3									0.30	220
630722	1060		4.5	6.7									0.20	550
630715	1120		4.5	7.5									0.20	260
630708	944		3.6	7.4									0.20	350
630624	114		3.8	7.3									0.20	180
630616	419		3.3	7.4									0.20	1000
630610	261		3.9	7.3									0.20	50
630603	407		2.5	7.4									0.20	140
630527	4650		1.7	7.2									0.20	210
630506	422		5.5	7.4									0.10	230
630429	302	21.1	3.9	7.0									0.20	240
621210	40		13.2	7.2									0.30	75
621203	54		7.1	7.2									0.40	30
621126	112		4.7	7.0									0.10	35
621119	97		4.9	7.3									0.10	35
621112	59		5.4	7.9									0.10	30
621105	47		3.1	7.3										45
621029	69		3.2	7.8										9
621022	59		3.8	7.7									0.00	80
621015	100		1.7	7.6									0.10	18
621008	50		1.2	7.7									0.20	75
620924	73		2.0	6.7									0.00	100
620806	114		4.5	7.3									0.00	45
620129	9980	5.6	11.4	7.0									0.00	100
611106	126	11.1	4.8	7.5									0.10	130
611023	36	14.4	4.8	7.5									0.20	45
611016	44	15.6	4.7	7.5									0.30	30
611009	80	17.8	5.3	7.4									0.10	50
611002	524	16.7	5.4	7.5									0.10	60
610925	66	21.1	5.0	7.6										18
610918	53	21.1	4.7	7.4									0.10	30
610911	158	26.7	6.7	8.1									0.40	50
610905	100	26.1	4.8	8.0									0.00	10

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
610828	136	24.4	5.2	7.7									0.00	30
610822	176	22.2	4.0	7.0									0.00	75
610814	1570	25.6	3.2	6.7									0.00	70
610807	4650	24.4	4.2	7.0									0.00	170
610731	4780	25.6	3.8	7.2									0.00	300
610724	177	24.4	1.4	7.5									0.00	150
610717	61	23.3	6.1	7.4									0.00	30
610710	64	23.3	4.2	7.5									0.00	10
610626	193	21.1	4.6	7.5									0.00	45
610619	4830	17.8	6.0	7.3									0.00	200
610612	1530	24.4		6.8									0.10	200
610313	10700	8.9	7.6	6.7									0.00	180
601101	23	12.2	5.0	8.2									0.00	140
601024	19	14.4	4.1	7.3									0.00	75
601017	26	17.8	4.9	7.3									0.00	12
601010	26	20.0	4.2	7.2									0.00	30
601004	28	20.0	5.3	7.2									0.00	12
600926	29	22.2	6.2	7.2									0.00	30
600919	27	23.3	6.6	7.2									0.00	30
600912	38	22.2	3.9	7.2									0.00	40
600906	57	27.2	4.0	7.0									0.00	35
600829	67	24.4	5.4	6.7									0.00	70
600822	499	23.3	2.8	6.8									0.00	95
600815	74	25.0	1.6	7.1									0.00	25
600801	254	25.6		7.7									0.00	45
600725	136	27.8	3.2	7.2									0.00	30
600718	276	23.9	2.6	7.0									0.00	50
600711	6100	23.3	4.7	7.2									0.00	110
600704	6620	26.7	0.0	7.1									0.00	800
600627		22.8	4.4	7.3									0.40	300
600620	1390	21.1	5.0	7.1									0.00	170
600613	575	26.1	6.2	7.0					0.00	1.6			1.00	30
590803	394	26.7	4.4	7.4									1.00	110
590603	2250	20.0	3.6	7.7	0.000								0.00	300
580918	800		0.0	7.4					0.60	0.0				80

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740905		0.0	0.000	5.8	0.00	0.22	0.0	0.0	0.2	18	25		
740618		0.0	0.000	3.7	0.01	0.48	0.0	0.0	0.2	35	40		
740424		0.0	0.000	6.6	0.10	0.23	0.0	0.1	0.1	36	53		
740326		0.0	0.000	2.9	0.02	0.20	0.0	0.0	0.1	38	72		
731217		0.1	0.000	2.8	0.02	0.50	0.0	0.0	0.1	60	92		
720913		0.0	0.000	1.3	0.04	0.90	0.0	0.0	0.2	50	37		
720727		0.0	0.000	2.2	0.03	0.06	0.0	0.0	0.2	39	42		
720301				1.8		0.06			0.2	128	150		
720131									0.2	94	100		
710426										131	170	328	168
710419										148	180	292	132
700727		0.0	0.000	0.1	0.00	0.80	0.0	0.0	0.2	62	29	216	164
700413										74	130	240	112
700316										84	120	236	102
700119										182	220	396	158
700112										134	180	308	116
690922										168	51	156	80
690825			0.000	0.0	0.00				0.0				
690818		0.0	0.000	0.0	0.00		0.0	0.0	0.3				
690811			0.000	0.0	0.00				0.0				
690804			0.000	0.0	0.00				0.0				
690728			0.000	0.0	0.00				0.0				
690722			0.000	0.0	0.00				0.0				
690715			0.000	0.0	0.00				0.0				
690707			0.000	0.0	0.00				0.0				
690324										89	130	248	106

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
690317										110	150	296	128
690310										92	120	256	102
681223										166	130	238	78
680805		0.0	0.000	4.0	0.00	0.20	0.0	0.0	0.1	34	12	70	68
680624										82	70	264	172
680311										130	70	332	186
680304										205	58	320	192
680226										101	150	276	160
680122										139	130	316	146
680116										110	70	256	136
671128										165	130	330	134
671120										134	130	240	116
671113										139	80	232	102
671009										38			
670925										77			
670911		0.0	0.000	0.9	0.00	0.40	0.0	0.0	0.2	66	77	204	108
670828										72			
670821										69			
670814										37			
670724										32			
670717										30			
670710	2									208	19	168	124
670626										47	25	118	74
670619										39	17	100	60
670612										59	57	186	110
670605	4									82	23	228	204
670522										35	23	96	66
670515										34	27	104	64
670508	6									38	13	86	80
670501	6									58	19	124	80
670424	3									80	23	224	160
670417	4									56	15	172	100
670410	5									96	36	260	80
670403	4									59	19	172	140
670327	5									34	29	86	86
670320	4									42	17	148	76
670313	7									38	11	100	56
670307	3									68	19	160	84
670227	3									136	66	320	160
670220	2									112	34	296	124
670214	4									74	15	132	92
670206	4									47	19	128	98
670131	3									88	29	220	124
670123	2									120	49	280	136
670116	1									88	23	208	128
670109	3									174	23	252	92
670103	2									105	30	284	96
661212	4									24	11	132	80
661205	3									32	14	104	92
661128	2									47	19	148	102
661121	4									38	14	172	96
661114	3									50	19	184	114
661107	2									42	9	160	116
661031	4									34	15	152	92
661024	3									31	10	136	96
661017	2									32	9	124	88
661010	3									36	8	114	88
661003	3									32	6	96	80
660926	2									97	14	228	184
660919	4									100	12	204	144
660912	3									118	25	252	196
660906	3									220	23	360	280
660829	3									178	14	284	212
660822	3									159	19	300	212
660815	2									168	23	320	244
660808	2									165	24	332	244
660801	2									165	27	328	244
660725	3									131	43	320	248
660718	4									128	24	332	252
660711	6									122	25	308	244
660705	3									140	13	324	204

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
660627	6									114	35	288	200
660620	3									84	50	224	224
660613	3									74	31	216	168
660606	2									66	29	232	148
660531	2									57	19	176	112
660523	3									30	12	104	74
660516	4									58	23	216	92
660510	4									31	17	168	86
660321	3									124	49	284	128
660215	5									34	23	108	44
660207	5									150	113	332	164
660131										154	77	312	144
660124	2									128	42	256	124
660117	2									108	38	196	112
660113	2									86	49	176	96
651220	3									270	262	370	160
651213	2									108	66	264	156
651206	3									94	29	256	176
651129	2									76	29	252	172
651122	3									96	66	252	136
651115	3									94	49	208	132
651108	2									96	26	200	124
651101	2									110	42	168	64
651025	2									134	42	112	84
651018	2									88	31	142	74
651013	2									77	17	128	74
651004	2									42	29	82	46
650927	2									78	17	92	64
650920	0									120	66	82	
650913	3									48	13	62	68
650907	3									88	30	176	92
650830	3									58	9	156	136
650823	4									32	12	104	88
650816	5									52	12	116	92
650809	3									112	13	148	104
650802	2									43	8	108	100
650726	2									44	11	96	80
650720	2									34	9	100	64
650714	2									34	12	84	72
650706	2									30	37	80	64
650628	5									82	29	204	120
650621	2									68	26	136	84
650614	2									92	49	164	160
650607	3									46	66	276	268
650601	2									114	23	268	164
650524	4									135	539	560	312
650517	2									48	246	312	284
650510	2									46	73	252	244
650501	2									86	49	148	120
650426	2									26	55	308	152
650419	2									112	26	212	102
650412	1									68	46	172	82
650405	4									190	185	320	136
650329	3									114	66	228	120
650322	2									230	43	200	90
650315	2									70	31	188	84
650308	2									54	40	156	104
650301	3									120	50	244	120
650223										58		172	124
650215	3									27	20	76	66
650208	2									60	54	224	120
650125	4									208	185	284	176
650118	1									132	120	244	192
650112	2									188	248	232	160
650104	4									170	200	244	186
641228	3									142	48	268	248
641221	3									28	140	320	268
641214	3									116	28	236	252
641201	1									80	96	216	184
641123	3									84	48	244	184
641116	1									68	58	180	162

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
641109										76	200	216	92
641026	3									24	124	280	188
641019	2									72	44	190	158
641012	0									69	44	200	156
641005	2									46	152	240	204
640928	2									42	104	256	196
640921	2									18	176	276	204
640914	3									32	110	268	216
640908	3									115	90	268	244
640831	3									14	83	232	124
640824	3									22	103	292	164
640817	2									22	82	264	184
640810	2									20	50	224	200
640727	1									40	70	240	172
640720	1									16	85	260	172
640706	4									12	19	144	136
640629	1									5	14	116	112
640622	8									8	5	32	56
640615	4									120	25	180	104
640608	3									20	33	284	188
640601	3									44	45	84	56
640525	2									112	154	204	124
640518	2									158	155	252	136
640511	3									82	262	216	128
640504	6									84	70	184	90
640427	1									48	55	176	124
640420	4									70	92	204	120
640413	3									35	22	120	76
640406	8									48	40	128	96
640330	9									46	59	104	84
640316	3									16	11	64	88
640310	8									64	20	58	100
640302	5									225	169	276	88
640220										174	63	248	280
640217	2									255	308	220	120
631223	2									83	65	240	198
631216	3									60	100	292	284
631209	2									18	54	266	174
631202	4									75	28	244	180
631125	7									31	55	292	180
631118	3									18	26	264	132
631111	7									47	43	180	148
631104	3									48	40	184	136
631029	2									48	30	160	130
631021	2									12	46	156	170
631014	3									44	12	148	128
631007	4									24	15	264	232
630930	1									31	35	136	112
630923	1									30	17	116	100
630916	2									30	19	140	82
630909	1									30	45	112	82
630903	2									35	22	96	84
630826	2									8	14	142	62
630819	2									10	17	160	120
630812	2									31	50	90	68
630805	2									46	22	116	62
630801	11									12	28	104	68
630722										24	14	72	60
630715	0									37	38	116	72
630708	1									32	48	80	50
630624	3									42	46	172	98
630616										520	63	240	164
630610	2									44	46	224	134
630603	0									49	63	136	102
630527	5									18	25	102	60
630506	3									270	49	280	140
630429	4									50	23	172	82
621210	2									160	70	268	164
621203	1									180	54	224	116
621126	2									106	43	220	142
621119	4									120	51	188	140

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
621112	2									116	16	172	114
621105	2									9	9	136	116
621029	0									94	14	128	110
621022	2									10	9	212	122
621015	1									50		104	80
621008	3									44	12	88	68
620924	4									4	12	116	78
620806	3									90	15	144	100
620129	2									28	22	56	36
611106	3									39	31	178	138
611023	2									51	5	168	106
611016	4									36	14	160	112
611009	2									40	12	160	132
611002	2									61	35	224	196
610925	3									69	31	188	146
610918	2									55	33	176	132
610911	2									28	48	228	194
610905	4									66	35	180	136
610828	5									50	8	132	96
610822	1									43	22	104	66
610814	2									32	9	86	68
610807	2									16	6	50	48
610731	1									17	14	54	48
610724	3									54	30	132	96
610717										65	65	188	136
610710	1									64	83	188	126
610626	2									54	51	134	86
610619	2									34	13	68	36
610612										49	21	92	60
610313	2									25	14	56	26
601101	1									58		236	188
601024	6									108		224	184
601017	2									90		216	166
601010	8									88		216	160
601004	2									85		164	152
600926	9									79		170	140
600919	11									77		152	120
600912	16									88		162	112
600906	15									72		136	116
600829	23									52		134	90
600822	19									58		88	72
600815	3									81		174	120
600801										95			
600725	5									70		176	140
600718	15									54		128	94
600711	3									22		70	56
600704	2									27		52	40
600627	2									38		102	80
600620	9									43		92	58
600613	4			0.0		0.90			0.2	65	80	190	146
590803	0									80		112	78
590603	1									59		128	102
580918	2			1.5		2.40			0.3	61	39	102	158

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	BOR (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740905	0.000	0.3	0.00	0.00		0.00	0.000		0.00	0.000		
740618	0.003	0.3	0.00	0.00		0.00	0.000		0.00	0.000		
740424			0.00	0.00		0.09	0.000			0.000		
740326	0.000	0.1	0.00	0.00		0.00	0.003		0.00	0.000		
731217	0.000	0.0	0.00	0.00		0.05	0.000		0.00	0.000		
720913	0.000	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
720727	0.000	0.0	0.00	0.00	0.00	0.03	0.000		0.00	0.000		
720301								0.29				

C 02 LITTLE WABASH RIVER
CARMI WATER INTAKE --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-NIUM (MG/L)	SILVER (MG/L)	ROD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
700727			0.00	0.00		0.00	0.000					
690818	0.000		0.00	0.00		0.00	0.000					
690407												110
680805	0.000		0.00	0.00		0.00	0.000					
670911	0.000		0.00	0.00		0.00	0.000					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740905		20.0	1.3	7.1	0.380		0.010	410	0.18	0.7	183		0.20	
740814		25.0	0.6	7.1	0.230		0.010	660	0.23	1.1	400		0.20	
740729		27.2	1.6	7.4	0.070		0.000	30	0.06	2.2	650	0.2	0.40	
740618		19.4	3.2	6.8	0.330		0.000	480	0.40	0.5	350		0.60	
740516		19.4	4.6	7.6	0.440		0.005	50000	0.35	1.0	550		0.20	
740417		13.3	7.3	7.6	0.250		0.010	80	0.25	0.7	283	0.2	0.20	
740326		6.1	10.8	7.8	0.200		0.010	690	0.25	0.8	400		0.30	
740221		5.0	10.4	7.4	0.560		0.005	4700	0.50	1.3	517		0.30	
740123		3.9	9.0	7.1	0.260		0.010	300	0.25	1.6	267	0.3	0.30	
731218		0.6	7.2	7.7	0.240		0.000	100	0.29	0.7	533		0.30	
731114		8.9	9.3	7.6	0.260		0.010	100	0.05	0.5	680		0.50	
731030		9.4	6.9	7.5	0.160		0.010	120	0.15	0.6		0.0	0.10	
731004		20.6	4.6	7.5	0.140		0.010	160	0.15	0.3	583		0.50	
730823		25.6	4.3	7.8	0.240		0.005	200	0.20	0.6	283		0.30	
730717		26.7	3.6	7.4	0.200		0.000	100	0.40	2.6	450	0.0	0.40	
730607		24.4	4.9	7.7	0.250		0.010	800	0.37	1.2	383		0.40	
730509		15.6	4.9	7.3	0.200		0.008	2400	0.30	0.3	383		0.60	
730419		13.9	6.5	7.5	0.300		0.010	2300	0.30	1.1	483	0.0	0.50	
730306		9.4	8.8	7.8	0.240		0.012	900	0.49	1.2	667		0.70	
730214		1.7	12.6	7.7	0.150		0.008	370	0.45	1.8	700		0.70	
730111			10.9	7.5	0.290		0.010	100	0.50	1.3	267	0.0	0.40	
721228		1.1	11.8	7.5	0.210		0.008	170	0.15	2.6	433		0.70	
721108		10.0	7.1	7.5	0.470		0.013	1300	0.15	0.0	200		0.40	
721003		17.2	4.2	7.7	0.150		0.000	400	0.61	0.5	417	0.0	0.70	
720919		23.9		7.9	0.060		0.010	90	0.18	1.0	417	0.2	0.60	
720828		23.3	2.6	6.9	0.220		0.005	2200	0.60	0.5	350		0.80	130
720727		27.2	3.8	7.8	0.030		0.010	310	0.15	0.2	633	0.3	0.50	
720626		24.4	4.8	8.1	0.040		0.000	170	0.17	1.1	433		1.10	
720515		18.9	5.4	8.4	0.050		0.000	140	0.15	1.0	733		0.80	50
720424		15.0	5.7	7.3	0.190		0.015	100	0.85	0.7	188		0.40	
720327		7.8	9.5	7.9	0.290		0.000	80	0.05	0.6	900		0.60	55
720301		8.3	10.3	7.7	0.170		0.000	250	0.60	1.7	913		1.00	80
720131		1.7	12.2	8.1	0.070		0.000	10	0.50	0.5	830		0.60	8
711227		10.0	8.7	7.7	0.848	20		120	5.20	0.5				
711116		12.8	7.4	8.0	0.163	15		10	0.20	0.0				
711019		17.8	9.3	7.8	0.228	18		20	0.20	0.0				
710921		21.1	5.8	7.8	0.163	16		70	0.30	0.0				
701214				7.5		20				0.0			0.10	25
700901				8.1		19				0.0			0.10	25
700609			5.6	7.2		19				0.2			0.10	350
690903			5.0	7.3		21				0.0			0.00	65
690603			4.6	7.4		37				0.0			0.10	110
681204			9.5	7.0		28				0.7			0.00	320
680917			6.8	7.5		16				0.0			0.20	65

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
740729		0.0	0.010	0.7	0.04	1.10	0.0	0.0	0.2	70	75		
740417		0.4	0.000	3.6	0.21	0.10	0.0	0.0	0.1	20	46		
740123		0.0	0.000	3.6	0.02	0.09	0.0	0.0	0.1	26	49		
731030		0.0	0.000	1.8	0.01	0.70	0.0	0.0	0.2	66	47		
730717		0.0	0.000	2.6	0.01	0.94	0.0	0.0	0.2	48	53		
730419		0.0	0.000	4.3	0.05	0.75	0.0	0.0	0.2	48	72		
730111			0.000	4.4	0.01	0.11		0.0		22	64		
721003		0.1	0.000	2.2	0.02	0.82	0.0	0.0	0.2	45	41		
720828		0.1	0.000	4.4	0.02	0.94	0.0	0.0	0.1	80	21		
720515		0.0	0.000	1.8	0.01	1.20	0.0	0.0	0.2	80	100		
720327				1.5		0.83			0.2	120	130		
720301				2.5		0.14			0.2	148	130		
720131									0.2	98	120		
700901										120	50	280	210

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	ROL (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740729	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
740417	0.000	0.2	0.00	0.00		0.20	0.000		0.00	0.000		
740123	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
731030	0.000	0.0	0.00	0.00		0.00	0.000		0.00	0.000		
730717	0.000	0.3	0.00	0.00		0.00	0.000		0.00	0.000		
730419	0.000	0.2	0.00	0.01		0.07	0.000		0.00	0.000		
730111			0.00	0.00		0.10	0.000					
721003	0.000	0.2	0.00	0.00		0.10	0.000		0.00	0.000		
720828	0.000	0.3	0.00	0.00	0.00	0.03	0.000		0.00	0.000		
720515			0.00	0.00		0.05	0.000			0.000		
720327						0.12		0.09				
720301						0.08	0.005	0.20				

C 04 LITTLE WABASH RIVER
3.5 MI NORTH 1 MILE EAST OF CABMI AT SHORE
LAB:

DATE	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
711116		11.7	4.7	7.8	0.163	14		30	0.20	0.0				
711019		18.3	5.8	7.6	0.163	12		30	0.20	0.0				
710921		22.2	6.2	7.9	0.163	16		0	0.40	0.0				
701214				7.5		17				0.0			0.10	25
700901			6.5	7.8		18				0.0			0.00	25
700609			6.2	7.3		19				0.2			0.10	220
690903			5.8	7.5		18				0.0			0.00	25
690603			4.8	7.3		33				0.2			0.10	120
681204			9.6	7.0		25				0.5			0.00	270
680917			5.4	7.5		14				0.0			0.20	40

C 05 LITTLE WABASH RIVER
LOUISVILLE INTAKE AT SOUTHEAST EDGE OF TOWN
LAB:

DATE	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
711228		7.2	10.1	7.9	0.163	7		140	1.80	0.5				

C 05 LITTLE WABASH RIVER
LOUISVILLE INTAKE AT SOUTHEAST EDGE OF TOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
711130		6.1	4.1	7.5	0.163	18		10	0.40	0.0				
711027		17.8	3.4	7.9	0.228	14		60	0.30					
710928		21.1		8.1	0.131	30		80	3.50	1.8				
710623		22.8	4.6	7.6		18				0.2			1.00	300
710512		17.2	3.6	7.4		50				0.2			0.90	80
710331		10.0	10.7	8.0		24				0.2			0.90	35
710218		0.6	12.5	6.8		39				0.2			1.60	360
701028		15.0	5.3	7.6		35				0.2			0.93	50
700916		22.8	6.4	7.8		15				0.0			0.60	90
700806		25.0	4.2	7.8		22	0.000	10		0.0			0.50	100
700624		20.6	7.0	7.7		16				0.2			0.80	45
700507		16.1	8.9	7.7		13				0.2			1.10	95
700325		7.8	11.5	7.8		23				0.2			1.20	45
700114		0.6	10.1	7.4		18				0.0			0.90	20
691204		2.8	12.6	7.7		12				0.2			0.70	20
691016		14.4	7.7	7.5		21				0.2			0.70	210
690827		23.9	3.3	7.1		30	0.000	1000		0.0			0.50	170
690625		21.7	4.8	7.1		27				0.5			0.40	500
690508		20.6	6.8	7.7		17				0.0			0.40	160
690312		2.2	14.3	7.7		28				0.5			0.70	15
690206		2.8	13.1	7.5		22				1.8			0.70	210
690109		0.6	12.0	7.3		26				2.0			0.40	20
681030		9.4	6.5	7.2		9				0.0			0.30	37
680918		19.4	6.3	7.6		15				0.5			0.20	110
680808		27.2	4.8	7.4	0.131	15	0.005	3000	0.40	0.5			0.20	250
680619		23.3	6.7	8.1		20				0.2			0.20	130
680509		18.3	8.2	7.3		26				0.0			0.30	125
680327		9.4	10.5	7.6		18				1.1			0.20	65
680131		6.7	9.6	7.7		16				1.6			0.10	330
671207		6.7	9.4	7.1						0.5			0.10	190
671101		11.7	5.8	7.2		22				0.0			0.30	80
670914		20.6	5.1	7.6	0.131	12	0.000		0.90	0.0			0.20	70
670803		26.1		7.5		6				0.2			0.20	200
670628		22.8	5.8	7.4									0.30	130
670524		18.9	9.7	7.6										50
670413		15.6	9.4	7.7									0.20	80
670201		6.1	12.0	7.4									0.20	75
661117		9.4	8.8	7.5									0.30	40
661006		13.9	5.9	7.6									0.40	130
660818		25.6	4.7	7.8									0.10	40
660511		13.9	8.5	7.3									0.00	35
660322		15.0	9.4	7.7									0.30	65
660120		0.6	12.6	7.8									0.50	11
651116		12.2	5.5	7.3									0.00	50
650831		21.1	5.3	8.3									0.10	85
650518		22.8	8.1	7.9									0.10	120
650310		5.6	11.8	7.0									0.10	190
650113		4.4		8.5									0.70	11
641014		13.3	6.9	7.6									0.20	45
640728		27.8	3.1	7.3									0.20	85
640630		21.7	6.1	7.3									0.20	20
630617		22.2	3.7	7.3									0.10	90
620827		25.6		7.8									0.10	40
620129		4.4	12.5	6.9									0.00	110
610829		25.6	6.2	8.0									0.00	50
610314		8.9	7.3	7.3									0.00	450
590803		26.7	3.0	7.3										160
580813				7.6										120

C 05 LITTLE WABASH RIVER
LOUISVILLE INTAKE AT SOUTHEAST EDGE OF TOWN --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
700806		0.0	0.000	0.2	0.00	0.40	0.0	0.0	0.2	27	14	192	180
700114										183	135	384	268
690827		0.0	0.000	0.0	0.00		0.0	0.0	0.3				

C 05 LITTLE WABASH RIVER
LOUISVILLE INTAKE AT SOUTHEAST EDGE OF TOWN --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
680808		0.0	0.000	2.1		0.10	0.0	0.0	0.2	39	9	172	96
680619										33	15	270	212
670914		0.3	0.000	0.4	0.00	1.00	0.0	0.0	0.2	38	16	180	172
670628	2									44	19	240	192
670524	3									36	25	272	208
670413	2									56	29	312	216
670201	2									36	26	240	132
661117	3									12	12	264	78
661006	2									28	14	136	94
660818	2									88	17	232	160
660511	2									48	26	376	232
660322	2									54	29	344	240
660120	1									72	48	370	272
651116	2									36	36	308	252
650831	3										16		196
650518	4									16	231	256	236
650310	4									34	26	172	104
650113	2									96	340	272	200
641014	2									34	58	216	208
640728	2									32	54	216	200
640630	3										30	210	200
630617										17	40	196	160
620827	3									22	19	120	76
620129	5									7	13	54	40
610829	0									22	34	244	214
610314	3									9	12	70	46
590803	3									27		94	90
580813						1.40			0.4	17	43	180	172

C 05 LITTLE WABASH RIVER
LOUISVILLE INTAKE AT SOUTHEAST EDGE OF TOWN --CONTINUED

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
700806			0.00	0.00		0.00	0.000					
690827	0.000		0.00	0.00		0.00	0.000					
680808	0.000		0.00	0.00		0.20	0.000					
670914	0.000		0.00	0.00		0.10	0.000					

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	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740904	216	18.3	3.2	7.7	0.210		0.015	1200	0.10	1.2	450		0.20	
740813	21	21.3	1.9	7.6	0.170		0.000	770	0.08	1.4	400		0.20	
740702	48	21.7	8.4	7.9	0.110		0.000	640	0.11	1.5	533		0.60	
740604	250	22.2	8.1	7.6	0.180		0.005	810	0.00	2.9	533		0.50	
740507	59	20.6	10.6	8.1	0.080		0.005	150	0.05	1.5	550		0.30	
740410	505	9.4	10.2	7.9	0.200		0.000	290	0.15	2.6	433		0.50	
740327	167	7.8	11.0	8.2	0.160		0.005	250	0.10	2.4	500		0.40	
740220	505	3.3	11.9	7.8	0.540		0.005	1600	0.55	3.3	333	0.2	0.50	
740124	645	4.4	11.6	8.1	0.280		0.000	230	0.30	2.9	417		0.40	
731211	27	0.6	14.2	8.4	0.150		0.005	40	0.10	2.8	633	0.0	0.30	
731115	52	14.4	4.2	8.1	0.380		0.010	1000	0.60	0.2	667		0.20	
730911	20	21.7	7.1	8.0	0.080		0.000	200	0.10	0.1	717		0.20	
730822	19	21.7	7.1	8.3	0.100		0.000	310	0.10	0.1	567		0.30	
730806	21	24.4	8.3	8.2	0.090		0.000	0	0.10	0.9	550	0.0	0.40	
730702	250	25.0	6.3	7.8	1.100		0.000	45000	1.30	1.5	283		0.70	
730607	140	22.8	7.5	8.2	0.250		0.010	1800	0.20	3.4	467		0.60	
730514	60	15.0	10.0	8.2	0.080		0.002	110	0.00	2.2	733	0.0	0.50	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730418	300	13.3	9.5	8.1	0.140		0.002	300	0.10	3.3	450		0.80	
730306	756	9.4	10.5	8.1	0.450		0.000	20	0.20	2.7	467		0.80	
730221	82	5.0	11.5	8.5	0.290		0.002	0	0.10	1.6	650	0.4	0.60	
730117	65	5.0	11.7	8.3	0.060		0.004	0	0.20	2.3	633		0.80	
721218	89	1.1	11.8	7.7	0.150		0.004	0	0.20	1.6	683		0.70	
721102	732	15.0	7.7	7.5	1.200		0.009	92000	0.74	0.8	200		0.40	
721011	0.00	17.2	7.1	7.9	0.060		0.013	210	0.10	0.1	567	0.0	0.60	
720821	0.10	28.3	8.0	8.1	0.000			600	0.10	0.0	467	0.0	0.30	6
720804	9.6	22.8	4.8	7.9	0.360		0.004	22000	0.20	0.2	317	0.0	0.40	160
720613	8.5	13.8	12.6	8.3	0.050		0.003	210	0.20	0.0	633	0.1	0.30	18
720517	42	21.1	9.0	8.1	0.120		0.010	0	0.00	1.3	633	0.0	0.60	
720410	55	15.0	10.0	8.2	0.010		0.000	260	0.00	1.0	517		0.40	
720228	50	7.2	14.7	8.6	0.020		0.008	0	0.20	1.1	550	0.0	0.50	13
720124	40	5.6	12.5	7.2	0.090		0.000	10	0.15	1.2	518		0.70	
711228	60	5.6	11.0	8.0	0.163	6		50	2.20	0.7				
711130	9.6	5.0	8.0	7.9	0.000	13		20	0.30	0.0				
711027	35	17.8	3.9	7.9	0.131	12		60	0.30					
710929	6.1	21.7		7.7	0.261	211		40	4.10	0.9				
710623	55	22.8	6.8	7.8		16				0.2			1.10	310
710512	176	15.6	7.4	7.8		39				0.5			1.10	200
710331	33	11.1	12.2	8.2		24				0.2			1.20	25
710218	559	1.7	12.3	7.2		46				0.7			1.70	450
701028	8.5	15.0	6.5	7.9		39				0.0			0.50	45
700916	40	22.8	6.7	7.8		25				0.0			0.70	160
700806	11	22.8	7.1	7.9		17	0.000	170		0.0			0.50	70
700624	70	21.1	7.9	7.9		15				0.5			1.00	40
700507	90	15.6	9.2	7.8		9				0.5			1.40	45
700325	115	7.8	12.5	8.1		11				0.2			1.10	15
700114	25	0.6	13.2	7.4		16				0.2			0.80	20
691204	30	2.2	13.5	7.9		9				0.5			0.70	5
691016	275	14.4	9.2	7.7		13				0.2			0.80	95
690827	7.6	22.8	5.6	7.6		17	0.000	1500		0.0			0.40	160
690625	84	23.9	7.2	7.4		16				0.2			0.50	225
690508	50	19.4	7.9	7.9		14				1.4			0.60	40
690312	38	1.1	14.4	7.7		13				1.4			0.70	4
690206	320	4.4	11.7	7.6		16				2.7			0.80	180
690109	25	0.0	11.2	7.6		19				1.4			0.30	18
681030	0.00	7.2	5.8	7.4		8				0.0			0.20	25
680918	35	18.3	6.4	7.8		12				0.0			0.30	115
680808	200	26.1	4.9	7.6	0.163	20	0.005	130000	1.10	0.7			0.10	1250
680619	11	22.8	7.8	8.1		18				0.5			0.20	35
680509	50	15.0	7.5	8.0		30				0.7			0.40	3000
680327	69	12.8	10.8	7.9		13				1.8			0.20	35
680131	2460	5.0	11.6	7.8		24				2.3			0.20	300
671207	480	7.2	10.8	7.3						1.4			0.10	170
671101	3.5	11.7	5.2	7.5		16				0.0			0.10	55
670914	0.00	20.6	5.1	7.2	0.098	9	0.000		0.80	0.0			0.50	60
670803	135	25.6		7.8		5							0.10	80
670628	6.8	22.2	7.8	7.7									0.30	65
670524	156	20.0	9.7	7.7									0.10	10
670413	55	15.0	10.2	8.0									0.10	25
670202	3110	2.2	11.5	7.2									0.20	600
661117	14	9.4	8.7	7.6									0.30	25
661006	3.5	12.2	7.6	7.8									0.20	30
660818		24.4	4.8	7.7									0.10	150
660511		12.2	9.5	7.4									0.00	20
660322		16.1	12.1	8.0									0.20	45
660120		0.0	12.4	8.0									0.40	9
651116		14.4	7.2	7.4									0.00	10
650831		20.0	6.3	8.5									0.30	550
650518		21.1	6.2	7.7									0.00	200
650310		3.3	12.6	7.2									0.10	90
650113		2.2	16.4	8.1									0.30	11
640728		28.3	6.2	7.5									0.10	12
630820		21.1	7.0	7.4									0.10	320
630617		25.6	7.3	7.8									0.20	55
620827		25.6	6.1	7.6									0.10	40
620129		3.3	12.0	6.9										95
610314		6.7	9.0	7.9										160
590803		25.6	5.2	7.7										45
580918			6.7	7.7										95

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740220		0.0	0.000	5.5	0.01	0.10	0.0	0.0	0.2	19	45		
731211		0.0	0.000	0.3	0.01	0.26	0.0	0.0	0.3	22	76		
730806		0.1	0.000	0.5	0.01	0.16	0.0	0.0	0.2	24	46		
730514		0.1	0.000	0.2	0.00	0.13	0.0	0.0	0.2	23	60		
730221			0.000	0.5	0.07	0.19		0.1	0.2	24	105		
721102			0.000	5.0	0.02	0.40	0.0	0.1					
720821		0.1	0.000	0.8	0.00	1.00	0.0	0.0	0.3	11	39		
720804		0.1	0.000	4.4	0.14	0.60	0.0	0.1	0.2	12	30		
720613		0.0	0.000	0.2	0.00	0.26	0.0	0.0	0.2	25	67		
720228			0.000	0.3	0.00	1.15	0.0	0.0	0.2	34	60		
720124									0.2	33	80		
700806		0.0	0.000	0.2	0.00	0.20	0.0	0.0	0.2	29	16	224	188
690827		0.0	0.000	0.0	0.00		0.0	0.0	0.3				
680808		0.0	0.000	9.5	0.00	0.20	0.0	0.0	0.2	12	17	88	76
680619										30	17	380	216
670914		0.4	0.000	0.2	0.00	0.50	0.0	0.0	0.2	30	26	332	288
670628	1									44	19	288	232
670524	1									32	19	256	224
670413	2									28	24	280	208
670202	7									19	17	106	66
661117	2									13	15	284	92
661006	2									13	15	244	196
660818	2									10	19	200	336
660511	2									32	23	360	212
660322	2									28		284	212
660120	1									24	42	440	364
651116	1									8	41	360	280
650831	8									8	45	88	80
650518	4									16	216	296	240
650310	3									14	19	208	128
650113	1									24	300	336	248
640728	2									38	35	296	212
630820	4									8	75	160	124
630617										7	34	264	224
620827										61	59	248	138
620129	6									8	28	124	92
610314	2									10	62	158	106
590803	3									16		264	242
580918	1									16		204	192

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740220	0.000	0.2	0.00	0.00		0.01	0.000		0.00	0.000		
731211	0.000	0.4	0.00	0.00	0.00	0.00	0.000		0.00	0.000		
730806	0.000	0.3	0.00	0.00	0.00	0.00	0.000		0.00	0.000		
730514	0.000	0.2	0.00	0.00	0.00	0.00	0.000		0.00	0.000		
730221			0.00	0.00	0.00	0.70	0.000					
721102			0.00	0.00		0.10	0.000					
720821	0.000	0.1	0.00	0.00	0.00	0.00	0.000		0.00	0.000		
720804	0.000	0.1	0.00	0.00	0.00	0.33	0.000		0.00	0.000		
720613		0.2	0.00	0.00	0.00	0.10	0.000			0.000		
720410							0.000					
720228			0.00	0.00	0.00	0.04	0.000	0.15				
700806			0.00	0.00		0.00	0.000					
690827	0.000		0.00	0.00		0.00	0.000					
680808	0.000		0.00	0.00		0.10	0.000					
670914	0.000		0.00	0.00		0.20	0.000					

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/-1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910	571	20.6	8.0	7.2	0.240		0.000	1000	0.08	0.9	433		0.20	
740814	113	26.1	1.7	6.9	0.340		0.010	1300	0.12	1.1	300		0.20	
740718	33	27.8	1.8	7.9	0.180		0.010	0	0.25	0.0	600		0.10	
740612	235	20.6	7.3	7.6	0.140		0.000	150	0.20	1.4	567		0.60	
740514	155	17.8	8.1	7.9	0.120		0.005	400	0.15	0.6	633		0.30	
740423	1960	16.7	6.9	7.7	0.650		0.005	790	0.30	0.9	483	0.0	0.20	
740325	404	4.4	11.8	7.7	0.120		0.005	90	0.20	1.1	533		0.30	
740213	224	5.0	12.0	8.0	0.080		0.005	30	0.40	1.6	633		0.40	
740129	4060	4.4	11.1	7.5	0.620		0.000	700	1.00	1.1	267	0.2	0.20	
731217	100		12.5	7.9	0.080		0.005	100	0.40	0.6	550		0.30	
731128	2120	8.3	9.1	7.4	0.750		0.015	9500	0.40	0.8	217		0.20	
731029	19	9.4	8.2	7.5	0.120		0.010	150	0.07	0.0		0.0	0.20	
731001	48	20.0	10.3	7.7	0.160		0.005	150	0.10	0.0	617		0.40	
730731	85	25.0	5.8	7.9	0.140		0.005	100	0.20	1.2	383		0.40	
730716	64	26.7	8.4	7.9	0.160		0.000	200	0.10	0.3	567		0.30	
730606	2470	22.2	5.5	7.5	0.600		0.015	5200	2.20	0.6	250		0.30	
730508	1540	15.0	7.3	7.7	0.320		0.010	4400	0.32	0.2	450		0.60	
730418	1520	12.8	7.1	7.6	0.400		0.010	800	0.50	0.7	283		0.30	
730308	2840	12.2	8.4	7.6	0.580		0.012	2800	0.60	1.0	350		0.40	
730215	1920	0.6	12.4	7.8	0.350		0.010	1200	0.50	2.0	388		0.60	
730117	131	1.1	9.2	7.7	0.120		0.000	10	0.70	1.4	617		0.50	
721128	11	3.3	11.5	7.9	0.140		0.006	340	0.18	1.2	633		0.60	
721113	567	7.8	9.1	7.6	0.360		0.017	4900	0.40	1.0	417		0.60	
721002	14	16.7	6.6	7.7	0.150		0.010	260	0.80	1.2	400	0.0	0.80	
720920	6.9	25.0	5.1	7.7	0.090		0.000	20	0.10	0.0	533	0.4	0.40	
720824	17	25.0	2.3	7.3	0.230		0.000	400	0.35	0.6	283	0.0	0.70	
720801	3.7	23.9	8.8	8.1	0.140		0.010	40	0.15	0.0	983	0.0	0.70	
720627	7.4	22.2	5.8	8.1	0.050		0.010	70	0.20	0.0	767		1.00	35
720517	100	18.3	8.2	8.1	0.040		0.000	50	0.13	0.6	717		0.70	30
720426	558	12.8	6.8	7.7	0.090		0.010	400	0.26	1.2	403		0.40	
720323	74	6.1	11.0	8.3	0.020		0.010	10	0.20	0.3	883		0.60	21
720302	205	5.0	9.9	8.1	0.180		0.010	90	0.60	1.9	620		0.90	
720124	81	6.1	12.4	7.8	0.070		0.000	10	0.40	1.5	630		0.70	
711228	115	6.1	10.3	7.8	0.163	10		150	1.20	0.5				
711130	11	5.6	7.1	7.5	0.163	17		140	0.30	0.0				
711027	39	18.3	7.5	8.0	0.196	20		80	0.30					
710928	47	22.8		8.1	0.816	17		240	3.30	0.0				
640713		23.3	6.1	6.8									0.30	220

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740423		0.0	0.000	5.8	0.01	0.45	0.0	0.0	0.2	21	72		
740129		0.2	0.000	4.8	0.00	0.22	0.0	0.0	0.2	19	42		
731029		0.0	0.000	1.5	0.00	0.70	0.0	0.0	0.2	93	81		
721002		0.1	0.000	1.4	0.02	0.35	0.0	0.1	0.3	26	51		
720627		0.0	0.000	1.9	0.03	1.27	0.0	0.0	0.2	95	80		
720517		0.0	0.000	1.4	0.01	0.31	0.0	0.0	0.2	55	100		
720323				1.1		0.48			0.2	77	160		
720302				1.8		0.06			0.2	70	90		
720124									0.2	49	75		
640713	4										15	100	80

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740423	0.000	0.2	0.00	0.00		0.07	0.000		0.00	0.000		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-NIUM (MG/L)	SILVER (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740129	0.000	0.2	0.00	0.00	0.00	0.13	0.000		0.00	0.000		
731029	0.000	0.0	0.00	0.00		0.00	0.000		0.00	0.000		
721002	0.000	0.3	0.00	0.00		0.05	0.000		0.00	0.000		
720627			0.00	0.00		0.08	0.000			0.000		
720517			0.00	0.00		0.02	0.000			0.000		
720323						0.00	0.000	0.10				
720302						0.08	0.000	0.44				

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	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740909		20.0	7.2	6.7	0.240		0.000	170	0.08	0.6	333	0.0	0.20	
740812		22.8	1.5	6.9	0.200		0.000	430	0.05	0.4	583		0.20	
740701		22.2	6.6	6.8	0.280		0.005	80	0.48	0.5	250	0.0		
740611		22.2	3.9	7.0	0.220		0.010	20	0.50	0.5	283	0.0	0.50	
740515		20.6	7.0	7.0	0.500		0.015	36000	0.25	0.4	467		0.30	
740422		16.1	7.4	7.4	0.230		0.005	5200	0.25	0.5	500		0.30	
740325		3.9	10.7	7.0	0.180		0.005	580	0.20	0.7	417	0.4	0.20	
740213		3.3	11.9	7.8	0.140		0.005	370	0.50	1.2	700		0.40	
740108			8.3	6.6	0.250		0.010	130	0.25	1.2	267		0.30	
731217			11.8	7.5	0.120		0.000	100	0.29	0.8	633	0.4	0.30	
731114		8.3	8.8	7.4	0.320		0.010	200	0.05	0.5	660		0.40	
731029		11.1	7.4	7.5	0.160		0.010	70	0.08	0.2			0.20	
731001		20.0	6.0	7.4	0.220		0.005	210	0.15	0.3	517	0.0	0.40	
730823		24.4	5.0	7.7	0.240		0.005	100	0.25	0.5	333		0.30	
730716		25.0	4.1	7.5	0.300		0.010	400	0.30	0.8	517		0.30	
730606		22.2	5.2	7.6	0.450		0.012	1800	0.45	0.9	367	0.0	0.40	
730508		15.0	6.2	7.3	0.320		0.000	26000	0.32	0.5	350		0.50	
730418		12.8	8.9	7.7	0.210		0.007	30	0.75	1.1	533		0.60	
730308		11.1	7.8	7.3	0.540		0.013	1000	0.90	1.0	400	0.0	0.40	
730215		1.1	12.4	7.7	0.160		0.008	400	0.49	1.7	667		0.60	
730117		0.6	10.8	7.4	0.110		0.007	50	0.45	1.1	517		0.50	
721128		3.9	11.0	7.8	0.230		0.006	440	0.20	1.2	550		0.60	
721113		7.2	8.4	7.4	0.400		0.010	3400	0.43	0.8	633		0.50	
721003		16.1	8.6	7.9	0.080		0.000	320	0.18	0.2	500	0.0	0.60	
720919		25.6		7.9	0.170		0.000	110	0.10	0.0	517	0.4	0.40	
720824		24.4	2.3	7.4	0.220		0.005	5000	0.29	0.7	267	0.0	0.80	
720801		23.3	5.2	7.6	0.130		0.005	80	0.20	0.3	800	0.0	0.70	
720626		23.3	8.8	8.0	0.030		0.005	80	0.15	0.3	750		1.10	35
720518		19.4	6.5	7.9	0.060		0.000	20	0.20	0.2	800		0.80	
720426		13.9	5.2	7.5	0.100		0.015	100	0.60	0.6	197		0.40	
720327		6.7	11.2	8.1	0.250		0.000	90	0.05	0.0	1533		0.60	45
720301		10.6	9.9	7.8	0.070		0.000	420	0.30	1.4	753		1.00	240
720131		1.7	13.0	7.7	0.250		0.000	10	0.30	5.1	767		0.65	
711227		10.0	10.0	7.9	0.392	11		140	2.20	0.5				
711130		5.6	7.0	7.3	0.000	20		10	0.50	0.2				
711027		18.3	5.6	7.9	0.294	17		46	0.40					
710928		22.8		7.8	0.816	10		0	0.30	0.0				
640728		27.8	5.4	6.8									0.10	68

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740909		0.0	0.000	2.8	0.00	0.35	0.0	0.0	0.2	28	30		
740701		0.0	0.000	4.8	0.02	0.13	0.0	0.0	0.2	20	20		
740611		0.0	0.000	3.4	0.01	0.23	0.0	0.0	0.2	30	25		
740325		0.0	0.000	2.9	0.02	0.20	0.0	0.0	0.1	42	72		

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
731217		0.0	0.000	1.7	0.01	0.60	0.0	0.0	0.2	55	90		
731001		0.0	0.000	3.4	0.01	0.75	0.0	0.0	0.3	61	59		
730606		0.2	0.000	5.0	0.01	0.25	0.0	0.0	0.2	48	61		
730308		0.1	0.000	11.2	0.03	0.31	0.0	0.1	0.2	45	92		
721128			0.000	1.8	0.00	0.27	0.0	0.0	0.1	75	90		
720919		0.0	0.000	1.5	0.07	0.76	0.0	0.1	0.2	85	50		
720626		0.0	0.000	2.0	0.03	1.02	0.0	0.0	0.2	94	48		
720301				6.0		0.22			0.2	90	100		
720131				0.8		0.22			0.2	91	100		
640728	2										35	210	160

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	KOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740909	0.000	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
740701	0.000	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
740611	0.002	0.3	0.00	0.00		0.00	0.000		0.00	0.000		
740325	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
731217	0.000	0.0	0.00	0.00		0.00	0.000		0.00	0.000		
731001	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
730606	0.000	0.0	0.00	0.00		0.00	0.000		0.00	0.000		
730308	0.000	0.3	0.00	0.00		0.10	0.000		0.00	0.000		
721128			0.00	0.00		0.05	0.000					
720919	0.000	0.1	0.00	0.00		0.15	0.000		0.00	0.000		
720626			0.00	0.00		0.09	0.000			0.000		
720301						0.12	0.000	0.10				
720131							0.000	0.16				

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740909		20.0	8.0	7.0	0.160		0.000	230	0.05	0.9	400		0.20	
740812		22.8	1.7	7.1	0.120		0.010	230	0.05	0.0	600		0.20	
740701		22.2	6.3	6.8	0.290		0.005	340	0.43	0.4	333		0.40	
740611		22.2	5.3	7.2	0.340		0.010	180	0.30	0.7	433		0.50	
740514		20.6	8.6	8.1	0.150		0.010	810	0.10	0.6	700		0.50	
740422		16.1	7.5	7.6	0.180		0.005	460	0.20	0.8	567	0.4	0.30	
740325		3.9	11.4	7.5	0.200		0.005	400	0.20	0.9	500		0.30	
740213		3.9	11.9	7.8	0.160		0.005	160	0.50	1.5	600		0.40	
740108			7.2	6.7	0.220		0.010	80	0.20	1.1	267	0.0	0.20	
731217			12.1	7.6	0.160		0.005	200	0.35	0.8	533		0.30	
731114		8.9	8.4	7.4	0.320		0.015	230	0.05	0.3	680		0.40	
731029		11.1	6.4	7.4	0.200		0.010	160	0.07	0.1		0.0	0.20	
731001		21.7	6.3	7.5	0.140		0.005	250	0.15	0.3	600		0.40	
730823		23.9	6.7	7.7	0.200		0.005	100	0.05	0.4	350		0.30	
730716		26.1	4.9	7.5	0.180		0.015	300	0.20	0.7	483		0.30	
730606		22.8	5.4	7.5	0.650		0.015	8000	0.50	1.2	333		0.40	
730508		15.0	5.8	7.4	0.310		0.000	8100	0.30	0.6	450		0.50	
730418		12.8	7.3	7.6	0.370		0.008	1900	0.40	0.9	467		0.50	
730308		11.7	7.6	7.3	0.600		0.015	1100	0.90	0.7	333		0.40	
730215		1.1	12.5	7.8	0.220		0.008	100	0.43	1.5	717		0.60	
730117		0.0	11.3	7.6	0.110		0.007	90	0.55	1.1	567		0.50	
721128		3.3	11.0	7.8	0.200		0.008	1200	0.15	1.2	617		0.50	
721113		7.8	8.7	7.4	0.410		0.015	2500	0.44	0.9	417		0.60	
721003		15.6	7.7	7.9	0.250		0.000	250	0.53	0.6	433	0.0	0.60	
720920		24.4	4.2	7.6	0.160		0.000	170	0.13	0.0	350	0.2	0.30	
720824		24.4	4.9	7.4	0.310		0.000	2500	0.47	0.8	267	1.2	1.10	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720801		23.9	6.1	8.0	0.120		0.010	100	0.19	0.0	817	0.0	0.60	
720626		23.9	13.2	8.2	0.020		0.005	50	0.17	0.0	667		1.00	15
720518		20.0	6.5	8.0	0.050		0.010	120	0.18	0.5	767		0.70	
720426		12.8	5.2	7.6	0.110		0.010	100	0.69	1.0	230		0.40	
720323		6.1	11.6	8.5	0.030		0.000	30	0.10	0.2	1117		0.80	35
720301		8.3	10.7	8.1	0.090		0.000	80	0.50	1.8	760		1.00	60
720124		5.6	11.7	7.4	0.060		0.000	40	0.40	0.5	728		0.85	

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740422		0.0	0.000	2.6	0.00	0.50	0.0	0.0	0.2	54	79		
740108		0.0	0.000	4.3	0.01	0.05	0.0	0.0	0.2	37	58		
731029		0.1	0.000	2.0	0.02	0.77	0.0	0.0	0.2	70	67		
721003		0.1	0.000	1.2	0.00	0.22	0.0	0.0	0.3	35	53		
720626		0.0	0.000	1.1	0.02	1.05	0.0	0.0	0.2	88	50		
720323				1.4		0.57			0.2	140	160		
720301				1.7		0.06			0.2	97	120		
720124									0.2	85	92		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740422	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
740108	0.000	0.0	0.00	0.00		0.05	0.000		0.00	0.000		
731029	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
721003	0.000	0.2	0.00	0.00		0.07	0.000		0.00	0.000		
720626			0.00	0.00		0.06	0.000			0.000		
720323						0.00	0.000	0.00				
720301						0.15	0.000	0.17				

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740905	326	17.8	2.4	7.7	0.240		0.010	940	0.12	1.0	383		0.20	
740813	96	26.1	1.5	7.0	0.400		0.005	1100	1.00	1.1	283	0.0	0.20	
740718	31	27.8	1.6	8.0	0.240		0.005	100	0.25	0.0	650		0.10	
740604	5000	22.2	6.0	7.3	0.300		0.005	850	0.20	1.4	367		0.30	
740508	148	20.0	10.4	8.0	0.210		0.005	100	0.10	1.1	600	0.0	0.30	
740410	3220	11.1	9.8	7.6	0.400		0.010	2700	0.30	1.2	250		0.30	
740327	626	6.7	11.4	8.0	0.180		0.000	580	0.20	1.0	517		0.30	
740220	1920	3.9	10.5	7.7	0.960		0.010	4200	0.80	1.6	317	0.4	0.20	
740124	6150	6.1	11.7	8.3	0.310		0.000	1800	0.50	1.4	283		0.30	
731217	94		11.9	8.0	0.120		0.000	100	0.67	0.7	667		0.20	
731128	1980	8.3	9.0	7.5	0.750		0.015	9800	0.45	1.1	300	0.0	0.20	
731029	18	10.6	6.5	7.5	0.120		0.010	70	0.43	1.3			0.20	
731001	45	20.6	9.1	7.9	0.160		0.010	40	0.10	0.1	617		0.30	
730731	80	25.0	5.3	8.0	0.140		0.005	360	0.20	1.7	400		0.40	
730711	185	26.1	5.6	7.8	0.160		0.005	1100	0.10	1.0	633		0.40	
730606	2310	22.8	5.4	7.7	0.750		0.017	7600	0.70	2.5	317		0.50	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730508	1440	13.9	7.0	7.7	0.640		0.000	6000	0.27	0.0	433		0.50	
730418	1420	12.2	8.1	7.6	0.350		0.008	1000	0.50	0.8	300		0.30	
730308	2650	12.2	7.7	7.7	0.690		0.017	2700	0.58	1.1	317		0.40	
730215	1790	1.1	12.1	7.7	0.450		0.012	2100	0.65	2.1	350		0.60	
730117	123	0.0	11.9	7.8	0.110		0.000	100	0.78	1.5	667		0.50	
721128	530	2.8	11.4	7.9	0.270		0.008	2500	0.24	1.6	433		0.50	
721113	1020	7.2	9.2	7.5	0.510		0.010	6000	0.50	0.8	350		0.50	
721002	14	15.0	5.0	7.3	0.310		0.010	5000	0.55	1.1	300	0.0	0.80	
720920	6.5	23.9	4.2	7.8	0.150		0.000	180	0.12	0.0	383	0.2	0.40	
720824	16	23.9	2.5	7.3	0.210		0.005	660	0.27	0.7	267	0.0	0.60	
720801	3.5	22.8	5.5	8.0	0.120		0.005	30	0.28	0.0	533	0.0	0.40	22
720717	6.5	23.9	4.2	7.5	0.070		0.010	50	1.70	1.1			0.80	
720710	9.0	21.7	5.6	8.1	0.070		0.000	60	0.13	0.0	633		0.40	
720627	7.0	22.2	5.0	8.3	0.050		0.005	10	0.17	0.0	667		0.60	
720517	94			8.3	0.080			10	0.18	0.6	683		0.70	
720426	522	11.7	9.0	8.0	0.070		0.000	100	0.13	1.6	550		0.60	50
720323	70	5.6	9.4	8.1	0.030		0.000	0	0.20	0.4	783		0.60	25
720124	76	6.1	11.6	7.7	0.100		0.000	10	0.70	1.3	702		0.70	

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740813		0.0	0.000	3.2	0.01	0.35	0.0	0.0	0.4	20	25		
740508		0.0	0.000	0.7	0.00	0.28	0.0	0.0	0.2	23	74		
740220		0.1	0.000	10.0	0.02	0.41	0.0	0.1	0.2	17	52		
731128			0.000	6.1	0.02	0.28	0.0	0.1	0.2	18	70		
721113			0.000	2.7	0.03	0.37	0.0	0.1					
720801		0.1	0.000	0.9	0.06	0.68	0.0	0.0	0.4	29	42		
720426		0.0	0.000	2.1	0.04	0.24	0.0	0.0	0.2	33	75		
720323				1.1		0.63				53	120		
720124				0.8		0.20			0.2	41	92		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740813	0.000	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
740508	0.002	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
740220	0.000	0.2	0.00	0.00		0.01	0.000		0.00	0.000		
731128	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
721113			0.00	0.00		0.06	0.000					
720801	0.000	0.2	0.00	0.00	0.00	0.13	0.000		0.00	0.000		
720426			0.00	0.00		0.04	0.000			0.000		
720323						0.00	0.000	0.10				
720124							0.000	0.10				

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740904		19.4	1.8	6.5	0.310		0.010	550	0.21	3.8	283	0.2	0.40	
740814		26.7	2.5	7.5	0.210		0.010	430	0.12	0.9	517		0.20	
740729		27.8	2.3	8.2	0.190		0.000	0	0.05	0.1	967		0.80	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740618		21.7	6.0	7.0	0.350		0.000	2000	0.40	1.0	583	0.0	0.60	
740516		20.0	7.4	7.1	0.370		0.005	7700	0.20	0.5	250		0.20	
740417		10.0	9.6	7.3	0.400		0.015	27000	0.25	0.4	267		0.30	
740326		6.7	11.7	7.8	0.100		0.005	370	0.20	0.4	550	0.0	0.30	
740213		5.0	11.3	7.8	0.100		0.000	30	0.30	0.6	800		0.30	
740123		2.8	9.4	7.1	0.260		0.010	700	0.20	0.8	217		0.25	
731217			12.6	7.8	0.100		0.000	100	0.25	0.5	800	0.0	0.30	
731114		8.9	9.9	7.8	0.180		0.010	100	0.05	0.4	710		0.40	
731030		9.4	11.3	8.1	0.060		0.010	100	0.02	0.0			0.10	
731004		20.6	6.2	7.7	0.240		0.012	500	0.20	0.3	467		0.30	
730823		27.2	8.4	8.0	0.200		0.005	100	0.05	0.0	433		0.30	
730717		27.2	10.5	8.1	0.260		0.010	200	0.20	0.2	567		0.60	
730607		25.6	5.7	7.4	0.520		0.010	2200	0.50	0.8	200		0.30	
730510		16.1	6.2	7.2	0.200		0.008	1900	0.50	0.1	233		0.40	
730411		6.7	10.0	7.5	0.190		0.010	3500	0.25	0.0	367		0.30	
730306		10.6	9.7	7.7	0.300		0.012	200	0.28	0.4	833		0.60	
730214		2.2	12.9	7.7	0.380		0.000	60	0.30	1.2	783		0.60	
730117		0.0	11.9	7.5	0.090		0.007	60	0.50	1.1	800		0.60	
721128		3.9	11.8	7.7	0.120		0.000	500	0.18	1.3	667		0.60	
721113		8.3	9.3	7.7	0.270		0.010	1200	0.40	0.7	783		0.60	
721003		18.3	9.5	7.6	0.090		0.000	90	0.13	0.0	1067	0.3	0.40	
720913		26.7	6.1	8.1	0.130		0.000	30	0.05	0.0	1033	0.0	0.60	
720824		25.0	3.6	7.4	0.360		0.005	290	0.36	0.3	200		0.70	300
720801		25.0	4.6	7.5	0.270		0.010	1500	0.47	0.6	450	0.5	0.60	
720717		21.7	4.8	6.3	0.100		0.000	2900	0.26	0.4	200		0.20	
720710		25.6	5.7	8.3	0.060		0.010	10	0.14	0.0	1183		0.60	
720626		23.9	9.2	8.2	0.030		0.005	10	0.23	0.0	700		0.80	
720515		20.6	7.8	8.4	0.020		0.000	20	0.18	0.2	883		0.80	80
720327		7.2	10.3	7.9	0.020		0.000	50	0.10	0.2	1000		0.50	70
720301		12.2	9.6	7.7	0.060		0.000	100	0.20	1.3	867		0.80	150
720131		2.2	16.7	8.0	0.180		0.000	10	0.30	0.3	1012		0.48	14
711227		13.9	8.7	7.4	0.196	18		70	5.40	1.1				
711116		16.7	9.9	8.3	0.065	10		10	0.20	0.0				
711019		21.1	10.1	8.1	0.261	16		10	0.10	0.0				
710921		19.4	10.0	8.3	0.196	13		90	0.10	0.0				
701214				7.4		19				0.0			0.10	25
700906			6.0	8.0		12				0.0			0.10	150
700609			5.6	6.8		17				0.5			0.00	180
690903			4.1	7.7		28				0.0			0.10	180
690603			7.9	7.8		22				0.0			0.10	160
690304			11.7	7.0		30				0.9			0.10	450
681204			10.8	7.1		18				0.5			0.00	260
680917			6.8	7.6		16				0.0			0.20	150

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740904		0.0	0.005	6.0	0.02	0.47	0.0	0.0	0.2	30	50		
740618		0.0	0.000	5.0	0.02	0.51	0.0	0.0	0.2	35	75		
740326		0.0	0.000	2.2	1.64	0.40	0.0	0.0	0.1	47	120		
731217		0.0	0.000	1.2	0.01	0.95	0.0	0.0	0.1	85	155		
720913		0.1	0.000	1.8	0.03	0.90	0.0	0.0	0.2	150	120		
720824		0.1	0.000	8.0	0.03	0.58	0.0	0.1	0.1	23	35		
720515		0.0	0.000	2.9	0.01	1.86	0.0	0.0	0.2	100	190		
720327				2.6		0.78			0.2	90	240		
720301				5.2		0.14			0.1	88	250		
720131									0.1	95	290		
701214										175	130	370	202
690903										125	180	432	222
690603										99	170	300	146

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740904	0.000	0.3	0.00	0.00		0.00	0.000		0.00	0.000		
740618	0.002	0.0	0.00	0.00		0.00	0.013		0.00	0.000		
740326	0.000	0.1	0.00	0.00		0.15	0.000		0.00	0.000		
731217	0.000	0.0	0.00	0.00		0.02	0.000		0.00	0.000		
720913	0.000	0.2	0.00	0.32		0.08	0.000		0.00	0.000		
720824	0.000	0.0	0.00	0.00	0.00	0.27	0.000		0.00	0.000		
720515			0.00	0.00		0.06	0.000			0.000		
720327						0.15	0.000	0.10				
720301						0.06	0.005	0.19				

CA 02 SKILLET FORK
COUNTY ROAD BRIDGE 5 MI EAST SOUTHEAST OF SPRINGERTON
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711116		16.1	10.5	8.4	0.033	11		10	0.20	0.0				
711019		21.1	9.8	8.0	0.228	17		30	0.10	0.0				
710921		21.7	10.7	8.5	0.196	18		0	0.20	0.0				
701214				7.6		18				0.0			0.10	25
700908			6.2	7.9		17				0.0			0.00	230
700609			5.0	6.8		15				0.2			0.10	180
690903			4.1	7.7		21				0.0			0.00	190
690603			8.3	7.7		24				0.0			0.10	180
690304			11.5	7.1		22				0.9			0.10	450
681204			10.4	7.1		24				0.5			0.00	250
680917			5.3	7.5		16				0.0			0.10	160

CA 02 SKILLET FORK
COUNTY ROAD BRIDGE 5 MI EAST SOUTHEAST OF SPRINGERTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
701214										155	120	364	220
690903										133	60	272	174
690603										99	160	300	142

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740905		18.9	1.6	7.0	0.310		0.010	440	0.26	0.5	217		0.20	
740814		26.7	1.3	7.1	0.250		0.010	150	0.20	1.0	467		0.20	
740729		28.3	2.2	7.2	0.100		0.010	340	0.05	7.2	717	0.2	0.90	
740618		20.6	5.7	6.9	0.290		0.010	590	0.30	0.8	433		0.60	
740516		19.4	6.2	7.0	0.520		0.010	7400	0.20	1.0	233		0.30	
740417		11.1	9.2	7.5	0.420		0.005	8200	0.25	0.4	450	0.0	1.90	
740326		5.6	11.9	7.7	0.120		0.005	360	0.20	0.7	533		0.30	
740213		4.4	11.7	7.7	0.080		0.005	20	0.30	0.7	800		0.30	
740123		3.3	9.1	7.0	0.260		0.010	200	0.25	1.1	233	0.0	0.20	
731217			12.3	7.7	0.100		0.000	100	0.25	0.5	733		0.20	
731114		8.9	11.0	7.7	0.160		0.010	600	0.10	0.5	560		0.40	
731030		8.9	10.5	8.1	0.080		0.010	60	0.08	0.1		0.0	0.10	
731004		20.6	5.9	7.8	0.140		0.010	270	0.10	0.0	633		0.30	
730823		27.8	10.9	8.5	0.200		0.005	100	0.15	0.0	317		0.30	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	SBAS (MG/L)	TURBID-ITY UNITS
730717		27.2	6.4	7.5	0.280		0.015	100	0.35	0.7	467		0.40	
730607		25.0	5.7	7.4	0.400		0.010	1500	0.40	0.9	200		0.30	
730510		16.1	6.1	7.2	0.220		0.000	1400	0.45	0.1	233		0.40	
730411		6.7	9.5	7.5	0.170		0.007	1100	0.29	0.2	367		0.40	
730306		10.6	10.0	7.9	0.120		0.008	300	0.20	0.4	1033		0.60	
730214		2.2	12.6	7.8	0.080		0.008	30	0.35	1.5	817		0.70	
730111		0.0	10.2	7.2	0.230		0.007	400	0.49	1.4	317		0.50	
721228		0.6	12.4	7.6	0.100		0.000	30	0.18	3.0	517		0.90	
721108		10.0	7.4	7.5	0.310		0.009	8900	0.35	0.3	333		0.60	
721003		18.3	9.5	8.1	0.100		0.008	100	0.15	0.0	1000	0.0	0.80	
720913		25.6	6.2	7.8	0.090		0.000	60	0.08	0.0	400	0.0	0.40	
720828		24.4	5.6	7.2	0.170		0.005	370	0.63	0.3	267	0.0	0.50	
720727		28.3	4.1	7.7	0.030		0.010	20	0.18	0.3	433	0.0	0.50	
720626		24.4	9.5	8.2	0.040		0.015	10	0.17	0.0	800		0.90	25
720515		20.0	10.1	8.5	0.060		0.000	20	0.20	0.3	800		0.80	
720424		16.1	5.5	7.2	0.090		0.010	400	0.93	0.6	172		0.30	
720327		7.2	11.0	7.7	0.300		0.000	60	0.10	0.4	1000		0.50	40
720301		11.1	10.3	7.6	0.370		0.000	50	0.30	1.5	927		0.90	
720131		3.9	12.9	8.0	0.240		0.000	10	0.02	2.0	767		0.48	20
711227		11.1	9.5	7.8	0.392	17		10	0.30	0.2				
711116		16.1	10.0	8.4	0.160	15		10	0.30	0.7				
711019		22.8	12.8	8.3	0.261	15		10	0.10	0.0				
710921		21.1		7.9	0.033	12		10	0.70	0.0				
710622		27.8	5.5	7.4		18				0.2			1.00	250
710511		18.3	6.6	7.3		48				0.2			0.90	200
710330		11.7	11.1	7.8		36				0.0			1.40	70
710302			4.8	6.6		21				0.2			0.00	350
710217		2.8	10.4	6.8		35				0.5			1.60	3500
701214				7.6		17				0.0			0.10	25
701027		16.7	9.6	7.7		43				0.0			0.70	60
700915		28.3	5.7	7.5		25				0.0			0.60	90
700908			7.2	7.6		15				0.0			0.00	150
700805		28.3	7.2	7.9		21	0.000	10		0.0			0.50	100
700620		23.3	3.4	7.2		22				0.5			0.50	290
700609			5.2	6.9		17				0.2			0.10	200
700506		19.4	4.2	7.1		30				0.0			0.90	85
700324		8.0	11.5	7.5		16				0.2			1.10	110
700310			9.6	7.2		19				0.2			0.00	160
700113		0.6	13.0	7.0		20				0.0			1.10	25
691200		5.0	12.5	7.5		15				0.0			0.70	30
691015		16.1	5.6	7.4		22				0.0			0.60	260
690900			5.6	7.5		15				0.0			0.10	75
690826		26.1	3.0	7.2		24	0.000	60		0.0			0.60	140
690624		24.4	4.3	7.1		31				0.2			0.10	600
690603			7.2	7.5									0.00	120
690507		23.3	5.3	7.3		20				0.5			0.50	280
690311		3.3	13.3	7.5		40				1.6			0.90	120
690304			12.0	7.2		22				0.9			0.30	360
690205		4.4	10.9	6.6		19				0.9			0.50	410
690108		1.7	11.1	7.1		27				1.6			0.20	86
681204			10.4	7.0		23				0.5			0.00	280
681029		12.2	9.5	7.8		9				0.0			0.30	58
680917		22.8	6.8	7.3						0.0			0.20	
680807		29.4	4.4	7.2	0.065	15	0.005	660	0.30	0.5			0.10	350
680618		28.3	15.7	8.5		26				0.0			0.30	45
680508		20.6	8.7	7.8		18				0.0			0.30	120
680326		10.0	9.6	7.1		27				0.9			0.20	160
680130		6.7	9.8	7.5		14				1.6			0.10	360
671206		6.1	9.1	7.0						0.5			0.10	270
671031		13.3	8.2	7.0		19				0.2			0.20	120
670913		22.8	8.6	7.7	0.131	11	0.000		0.90	0.0			0.50	110
670802		26.1		7.1		7				0.2				500
670627		25.6	3.5	7.1									0.10	370
670524		19.4	4.8	7.0										90
670412		17.2	9.7	7.1									0.20	200
670201		8.3	11.0	7.3									0.20	150
661116		10.0	8.6	7.6									0.20	50
661005		16.1	0.3	7.4									0.20	120
660817		25.6	7.2	8.0									0.10	20
660510		15.6	4.4	7.1									0.20	80
660321		15.6	7.8	7.6									0.20	120

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC CONC UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
660119		0.6	11.3	7.6									0.50	30
651116		13.3	2.9	7.2									0.20	10
650831		21.7	4.0	8.1									0.00	40
650518		23.3	4.3	7.7									0.10	35
650310		3.3	11.4	7.3									0.10	140
650113		3.3	10.3	7.3									0.20	250
641014		12.2	7.6	7.5									0.10	14
640728		27.8	3.3	7.3									0.20	170
630820		21.1	0.6	7.5									0.10	85
630617		25.6	6.5	7.5									0.20	45
630520			6.5	6.7									0.00	240
620827		25.6	5.3	7.6									0.10	45
620129		5.6	11.2	7.0									0.20	120
610829		24.4	7.4	8.1									0.10	35
610314		7.8	6.4	6.7									0.00	170
590803		25.6	3.0	7.7									0.00	30
580918			4.0	7.3										240

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740729		0.0	0.010	1.5	0.06	1.70	0.0	0.0	0.3	75	100		
740417		0.0	0.000	10.1	0.22	0.60	0.0	0.1	0.1	31	22		
740123		0.0	0.000	6.5	0.31	0.20	0.0	0.0	0.1	18	54		
731030		0.0	0.000	1.0	0.01	0.60	0.0	0.0	0.2	48	120		
721003		0.2	0.000	1.0	0.02	1.00	0.0	0.0	0.2	140	92		
720626		0.0	0.000	0.9	0.02	1.29	0.0	0.0	0.2	85	130		
720131				0.7		0.82			0.1	82	190		
710330										104	215	318	130
701214										130	100	312	180
700805		0.0	0.000	0.1	0.00	1.10	0.0	0.0	0.2	35	21	172	140
700113										131	250	400	160
690826		0.0	0.000	0.0	0.00		0.0	0.0	0.2				
690603										81	150	276	132
680807		0.0	0.000	4.0		0.10	0.0	0.1	0.2	15	11	76	44
680618										33	28	280	188
670910		0.0	0.000	1.0	0.00	0.50	0.0	0.0	0.2	100	22	148	96
670627	3									64	19	136	232
670524	1									45	23	136	82
670412	6									126	54	340	140
670201	3									86	66	248	88
661116	5									8	15	296	88
661005										47	12	156	116
660817	4									345	23	392	296
660510	4									34	19	158	68
660321	3									94	45	280	118
660119	1									142	85	280	112
651116	2									90	26	216	136
650831	1									150	37	60	136
650518	4									46	262	196	120
650310	3									36	54	172	76
650113	1									90	170	232	256
641014	2									42	57	164	126
640728	3									60	46	264	240
630820	5									41	25	160	88
630617										87	85	270	172
630520	4									32	30	100	42
620827	3									34	8	172	118
620129	2									22	25	52	28
610829	3									55	31	140	132
610314	1									42	13	64	26
590803	3									58		156	166
580918	3									80		182	140

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	BOR (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740729	0.000	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
740417	0.000	0.0	0.00	0.00		0.60	0.000		0.00	0.000		
740123	0.000	0.2	0.00	0.00		0.03	0.000		0.00	0.000		
731030	0.000	0.0	0.00	0.00		0.00	0.000		0.00	0.000		
721003	0.000	0.2	0.00	0.00		0.10	0.000		0.00	0.000		
720626			0.00	0.00		0.05	0.000			0.000		
720131							0.000	0.12				
700805			0.00	0.00		0.00	0.000					
690826	0.000		0.00	0.00		0.00	0.000					
680807	0.000		0.00	0.00		0.20	0.000					
670913	0.000		0.00	0.00		0.20	0.000					

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC CONC UMHOS	MERCURY (UG/L)	RDAS (MG/L)	TURBID-ITY UNITS
740909	21	18.3	7.6	6.8	0.180		0.000	350	2.70	0.5	233		0.10	
740814	14	26.1	1.4	6.7	0.220		0.005	620	0.23	0.9	283	0.0	0.10	
740701	30	22.2	6.0	6.8	0.120		0.000	140	0.20	0.2	433		0.40	
740611	140	22.8	8.2	7.4	0.130		0.010	390	0.25	0.6	917		0.70	
740509	111	20.6	6.9	7.5	0.180		0.000	900	0.10	0.2	550	0.0	0.20	
740423	2040	15.6	7.7	7.1	0.260		0.015	1800	0.25	0.2	250		0.20	
740325	335	2.8	12.5	7.4	0.160		0.005	490	0.20	0.3	483		0.20	
740213	73	5.6	15.6	7.3	0.040		0.000		0.10	0.4	783	0.2	0.80	
740108	52	0.6	12.2	7.2	0.080		0.005	10	0.25	0.6	750		0.20	
731217	67	0.6	12.6	7.5	0.080		0.000	100	0.20	0.3	750		0.30	
731114	13	9.4	8.7	7.4	0.160		0.005	500	0.05	0.3	610	0.0	0.40	
731029	6.7	12.2	6.5	7.2	0.080		0.010	60	0.14	0.2			0.20	
731001	49	21.1	5.4	7.2	0.120		0.005	320	0.10	0.2	417		0.40	
730731	59	25.6	5.3	7.4	0.220		0.005	100	0.35	0.4	167		0.20	
730716	15	23.9	4.3	7.2	0.120		0.015	200	0.35	0.6	400		0.30	
730606	4070	22.8	6.5	7.2	0.400		0.012	2900	0.45	0.5	183		0.20	
730508	2720	15.6	7.5	7.0	0.400		0.008	15000	0.43	0.2	233		0.50	
730418	315	13.3	8.9	7.5	0.120		0.016	140	1.40	0.3	583		0.40	
730308	976	9.4	5.5	7.3	0.320		0.010	900	0.60	1.0	533		0.50	
730215	1450	2.2	12.6	7.4	0.380		0.012	2200	0.24	1.1	400		0.40	
730117	35	2.8	11.9	7.4	0.060		0.000	50	0.45	0.6	783		0.50	
730102	2510	2.8	11.0	7.1	0.340		0.010	300	0.43	1.3	208		0.50	
721114	2820	7.8	8.5	7.0	0.440		0.015	21000	0.40	0.6	183		0.40	
721004	2.9	20.0	5.0	7.5	0.050		0.000	20	0.33	0.2	500		0.60	
720919	0.2J	25.6		7.5	0.080		0.000	30	0.13	0.0	383	0.0	0.30	
720807	7.1	21.1	4.1	7.2	0.190		0.000	220	0.28	0.1	250	0.0	0.30	
720731	5.1	22.2	2.7	7.2	0.270		0.000	1400	0.53	0.6	233		0.40	200
720627	5.4	23.3	4.1	8.1	0.050		0.005	10	0.20	0.0	617		0.70	
720518	33	19.4	7.0	7.6	0.030		0.000	30	0.13	0.1	867		0.60	
720426	545	13.9	7.7	7.6	0.060		0.010	200	0.36	0.6	400		0.40	100
720327	36	7.8	8.5	7.4	0.110		0.000	40	0.10	0.0	900		0.50	25
720308	56	5.6	11.2	8.1	0.010		0.000	20	0.10	0.9	1143		0.50	30
720131	5.5	2.2	11.1	7.6	0.050		0.000	20	0.10	1.0	1068		0.50	
711227	8.0	8.9	6.9	7.6	0.522	22		50	0.20	0.2				
711130	1.5	5.6	2.5	7.5	0.000	20		10	0.20	0.2				
711027	4.2	17.2	2.3	7.6	0.098	20		6	0.70					
710928	1.2	21.1		7.4	0.196	34		0	7.80	0.2				
650518	19	22.2	4.2	7.9									0.10	45
640723	58	26.1	5.8	6.7									0.00	42
620827	1.7	25.6	4.8	7.9									0.10	110
610130	2.3			7.0					0.30					

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
740814		0.0	0.000	4.7	0.01	0.60	0.0	0.0	0.0.	36	45		
740509		0.0	0.000	2.2	0.01	0.40	0.0	0.0	0.1	38	130		
740213		0.0	0.000	0.8	0.01	0.78	0.0	0.0	0.2	73	195		
731114		0.0	0.000	2.5	0.01	0.40	0.0	0.0	0.1	46	150		
720731		0.0	0.000	8.0	0.02	0.84	0.0	0.0	0.2	26	36		
720426		0.0	0.000	4.0	0.04	0.68	0.0	0.0	0.1	32	120		
720131									0.1	111	320		
711227										35			
650518	3									30	293	240	120
640723	2										225	170	
620827	2									23	23	124	78
610130				2.8		0.60			0.1	375	385	560	112

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CHROMIUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	ZOR (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740814	0.000	0.4	0.00	0.00		0.05	0.000		0.00	0.000		
740509	0.002	0.2	0.00	0.00		0.04	0.000		0.00	0.000		
740213	0.000	0.1	0.00	0.00		0.05	0.000		0.00	0.000		
731114	0.000	0.0	0.00	0.00		0.00	0.000		0.00	0.000		
720731	0.000	0.2	0.00	0.00	0.00	0.03	0.000		0.00	0.000		
720426			0.00	0.00		0.07	0.000			0.000		

CAC 01 SEVENMILE CREEK
TOWNSHIP ROAD BRIDGE 3 MI NORTH 4 MI WEST OF CARMI
LAB:

DATE	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
711116		15.0	5.0	7.7	0.398	25		240	0.40	0.0				
711019		19.4	1.0	7.1	0.228	20		50	0.30	0.0				
710921		18.3	6.2	7.6	0.163	13		80	0.50	0.0				
701214				7.5		25				0.0			0.10	25
700609			5.2	7.0		19				0.5			0.10	90
690903			6.5	7.7		32				0.0			0.10	30
690603			5.1	7.2						0.0			0.10	40
690304			11.1	7.0		26				1.4			0.20	120
681204			9.2	7.3		27				0.5			0.00	140

CAC 01 SEVENMILE CREEK
TOWNSHIP ROAD BRIDGE 3 MI NORTH 4 MI WEST OF CARMI --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
690603										88	180	264	112

CD 01 ELM CREEK
PRICE BRIDGE COUNTY ROAD 6 MI NORTHEAST OF FAIRFIELD
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740909		20.0	7.6	6.7	0.200		0.000	350	0.08	0.6	383	0.0	0.30	
740812		23.3	2.7	6.5	0.430		0.005	9000	0.12	1.4	433		0.20	
740731		22.2	8.2	7.0	0.130		0.005	40	0.15	0.2	617	0.0	0.50	
740611		22.8	6.9	7.1	0.220		0.010	220	0.30	0.0	283	0.0	0.50	
740515		20.6	8.6	6.8	0.480		0.005	82000	0.35	0.5	433		0.30	
740422		15.6	7.6	7.3	0.290		0.015	27000	0.25	0.3	533		0.40	
740325		3.3	12.6	7.3	0.120		0.005	400	0.25	0.6	550	0.0	0.30	
740213		4.4	11.6	7.7	0.100		0.005	50	0.45	0.7	1167		0.50	
740108			8.0	6.6	0.320		0.010	110	0.30	1.1	583		0.30	
731217			12.7	7.5	0.180		0.000	100	0.23	0.6	1067	0.2	0.40	
731114		8.3	6.6	7.4	0.320		0.015	100	0.05	0.1	690		0.40	
731029		9.4	5.8	7.4	0.160		0.015	10	0.08	0.0			0.20	
731001		20.0	5.5	7.3	0.160		0.012	500	0.15	0.1	817		0.60	
730823		23.9	9.1	7.9	0.140		0.010	100	0.15	0.3	500		0.40	
730716		25.0	6.0	7.5	0.180		0.020	600	0.30	0.5	567		0.70	
730606		22.2	5.8	7.2	0.340		0.015	1300	0.80	0.5	233		0.30	
730508		15.6	7.5	7.0	0.270		0.010	700	0.39	0.1	300		0.50	
730418		13.3	7.9	7.5	0.180		0.016	370	0.40	0.5	833		0.70	
730308		12.2	8.6	7.3	0.520		0.018	3400	1.10	1.2	400		0.70	
730215		1.1	12.5	7.6	0.210		0.012	500	0.24	1.3	1050		0.80	
730117		0.0		7.2	0.180		0.012	70	0.05	1.2	900		0.80	
721128		3.9	11.1	7.6	0.310		0.012	1100	0.23	1.4	750		0.80	
721113		7.2	9.3	7.3	0.530		0.013	6700	0.44	0.3	900		0.60	
721003		15.0	8.8	7.9	0.070		0.008	400	0.18	0.0	483		0.70	
720919		24.4		8.0	0.390		0.010	370	0.10	0.0	833	0.4	0.50	
720824		24.4	4.3	7.3	0.250		0.005	740	0.45	0.4	300		0.90	160
720801		21.1	5.7	7.6	0.240		0.010	1200	0.47	0.6	483	0.0	0.50	
720717		22.8	4.5	7.2	0.140		0.010	3000	0.24	0.8	250		0.40	
720710		22.2	5.3	7.9	0.050		0.005	260	0.13	0.1	483		0.40	
720626		23.3	7.8	8.1	0.050		0.010	180	0.15	0.0	467		1.20	
720518		18.3	6.7	7.7	0.040		0.010	90	0.10	0.1	1583		1.20	50
720426		13.9	13.9	7.6	0.070		0.015	100	0.48	0.1	192		0.40	
720327		6.7	10.3	7.7	0.050		0.010	160	0.05	0.1	1133		0.80	30
720301		12.2	8.4	7.6	0.100		0.015	2000	0.50	1.6	993		1.20	
720131		1.7	14.0	7.6	0.080		0.008	10	0.10	1.9	1247		0.85	

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740909		0.0	0.010	3.0	0.01	0.38	0.0	0.0	0.2	60	35		
740731		0.0	0.000	1.0	0.00	0.29	0.0	0.0	0.2	95	55		
740611		0.0	0.000	2.6	0.00	0.07	0.0	0.0	0.2	23	30		
740325		0.0	0.000	1.7	0.02	0.40	0.0	0.1	0.1	72	92		
731217		0.0	0.000	1.8	0.00	0.80	0.0	0.0	0.1	208	150		
720919		0.0	0.000	0.4	0.06	0.46	0.0	0.1	0.2	120	80		
720824		0.1	0.000	4.8	0.02	0.62	0.0	0.1	0.2	55	46		
720518		0.0	0.000	1.5	0.05	1.61	0.0	0.0	0.2	230	190		
720131				0.5		0.00			0.2	260	150		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740909	0.000	0.2	0.00	0.00		0.02	0.000		0.00	0.000		
740731	0.000	0.2	0.00	0.00		0.00	0.012		0.00	0.000		
740611	0.001	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
740325	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
731217	0.000	0.0	0.00	0.00		0.00	0.000		0.00	0.000		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
720919	0.000	0.1	0.00	0.00		0.15	0.000		0.00	0.000		
720824	0.000	0.3	0.00	0.00	0.00	0.08	0.000		0.00	0.000		
720518			0.00	0.00		0.17	0.000			0.000		
720131							0.005	0.24				

CH 01 FOX RIVER
US ROUTE 50 BRIDGE 1 MI SOUTHWEST OF OLNEY
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711130		12.2	3.5	7.6	3.589	57		83000	35.50	0.2				
711027		21.7	7.5	7.7	16.315	52		2500000	33.30					
710928		26.7		7.5	14.684	86		500000	34.50	0.0				
651027		17.2	0.6	7.7										
650907		23.3	1.8	7.5										
650823		24.4	2.1	7.5										
650726				7.3										
650714		31.1	2.1	6.9										
650628				7.2										
650614		21.7	1.0	7.1										430

CH 01 FOX RIVER
US ROUTE 50 BRIDGE 1 MI SOUTHWEST OF OLNEY --CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711130										125			
651027	110												
650907	116												
650823	52												
650726	110												
650714	180												
650628	27												
650614	50									48	66	268	184

CH 02 FOX RIVER
CALHOUN-GALLAGHER ROAD BRIDGE 6 MI SOUTH 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740909		20.0	7.6	6.8	0.380		0.000	350	0.10	1.2	367		0.30	
740812		23.3	1.0	6.9	0.730		0.010	190	0.27	1.4	567		0.40	
740701		22.8	5.2	8.1	0.180		0.005	180	1.30	0.8	333		0.50	
740612		22.2	5.4	7.4	0.580		0.000	860	0.35	1.2	483		0.60	
740514		20.6	5.2	7.7	1.000		0.005	580	2.30	1.2	733		0.50	
740424		15.6	6.8	7.6	0.480		0.010	930	0.50	0.6	567	0.2	0.20	
740325		3.9	12.1	7.5	0.260		0.010	190	0.35	0.5	550		0.30	
740213		3.9	10.8	7.7	0.420		0.005	700	0.95	0.9	767		0.50	
740108			12.1	7.5	0.830		0.005	860	0.50	1.1	717	0.0	0.60	
731217			10.8	7.6	0.880		0.005	1800	1.10	0.8	767		0.40	
731128		8.3	7.2	7.2	0.420		0.015	920	0.35	0.7	283		0.30	
731029		10.6	2.9	7.3	2.700		0.015	310	1.60	0.5		0.0	0.30	
731001		20.6	3.8	7.3	1.300		0.012	960	0.25	1.0	450		0.70	
730823		25.0	5.8	7.7	1.300		0.010	300	0.50	1.2	433		0.60	
730716		26.1	4.1	7.4	1.300		0.000	410	0.65	1.1	450		0.60	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730606		21.1	5.2	7.3	0.750		0.020	2800	1.00	3.2	450		0.70	
730508		15.6	6.3	7.3	0.480		0.013	7100	0.36	0.4	900		0.90	
730418		13.3	7.6	7.5	0.340		0.015	320	0.27	0.5	650		0.60	
730323		6.7	6.8	7.7	0.840		0.010	140	0.43	2.3	1117		1.00	37
730308		12.2	8.4	7.4	0.400		0.013	4600	0.55	1.0	533		0.60	
730215		1.7	12.2	7.7	0.840		0.010	2500	0.64	1.8	767		0.80	
730117		0.0	11.6	7.4	1.500		0.008	2500	3.20	1.7	850		0.80	
721128		3.3	11.0	7.7	0.330		0.015	2800	0.24	1.8	533		0.60	
721113		7.8	8.2	7.4	0.410		0.017	1300	0.48	0.6	767		0.80	
721002		15.6	4.1	7.5	0.880		0.010	360	0.94	2.0	500	0.0	1.00	
720920		23.3	3.4	7.4	0.780		0.013	270	0.73	1.6	517	0.2	0.80	
720824		23.9	5.3	7.4	0.830		0.005	100	0.53	1.4	467		0.80	65
720801		23.9	4.9	7.9	3.100		0.010	70	3.20	1.2	667	0.0	1.00	
720626		25.0	9.1	8.0	0.720		0.013	370	0.24	0.3	667		1.50	
720517		19.4	4.6	7.9	1.050		0.010	190	0.80	0.1	1100		1.60	40
720426		12.8	6.5	7.6	0.190		0.010	1400	0.70	1.0	482		0.60	
720302		8.3	7.7	7.9	0.330		0.015	3000	0.60	1.6	588		0.90	160
720131		2.8	8.6	7.4	4.950		0.010	30	3.80	3.8	1340		1.55	8

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740424		0.2	0.000	1.8	0.01	0.55	0.0	0.0	0.2	57	105		
740108		0.0	0.000	0.9	0.03	0.50	0.1	0.1	0.3	82	125		
731029		0.0	0.000	1.2	0.01	1.15	0.0	0.0	0.5	57	104		
721002		0.0	0.000	1.3	0.01	0.42	0.0	0.0	0.4	57	72		
720824		0.1	0.000	2.4	0.02	0.73	0.0	0.0	0.2	62	40		
720517		0.0	0.000	1.2	0.04	1.20	0.0	0.0	0.3	180	170		
720131				0.4		0.14			0.6	220	220		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740424	0.001	0.2	0.00	0.00		0.05	0.000		0.00	0.000		
740108	0.000	0.0	0.00	0.00		0.15	0.000		0.00	0.000		
731029	0.005	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
721002	0.000	0.2	0.00	0.00		0.08	0.000		0.00	0.000		
720824	0.000	0.2	0.00	0.00	0.00	0.09	0.000		0.00	0.000		
720517			0.00	0.00		0.08	0.000			0.000		
720131							0.000	0.18				

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910		20.0	6.4	6.8	0.160		0.000	1300	0.28	0.3	433		0.20	
740812		23.3	1.8	6.7	0.430		0.010	270	0.25	1.0	350	0.0	0.20	
740701		22.2	6.8	7.4	0.100		0.005	160	0.30	0.2	367		0.30	
740612		21.7	7.2	7.5	0.140		0.000	250	0.20	0.7	400		0.50	
740514		20.0	7.7	7.8	0.120		0.000	720	0.30	0.6	1050	0.2	0.60	
740424		15.6	8.8	7.6	0.120		0.005	900	0.20	0.1	650		0.30	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740325		4.4	12.6	7.5	0.060		0.010	1700	0.10	0.5	500		0.30	
740213		5.6	12.5	7.8	0.060		0.005	20	0.20	0.7	767	0.0	0.40	
740129		4.4	10.8	7.4	0.360		0.000	900	0.80	1.1	267		0.20	
731217			12.1	7.6	0.100		0.005	100	0.18	0.5	767		0.30	
731128		8.3	9.8	7.5	0.260		0.015	950	0.35	0.7	367	0.0	0.30	
731029		8.9	3.7	7.3	0.180		0.010	140	0.20	0.0			0.10	
731001		20.6	4.1	7.4	0.180		0.012	470	0.30	0.2	300		0.40	
730824		20.6	2.0	7.6	0.180		0.010	100	0.40	0.0	317		0.30	
730716		26.1	3.8	7.3	0.060		0.015	110	0.50	0.1	333		1.00	
730606		22.2	7.1	7.3	0.550		0.015	4100	0.90	4.0	330		0.70	
730508		14.4	7.4	7.4	0.170		0.008	10000	0.25	0.2	600		0.70	
730418		12.8	8.4	7.4	0.260		0.016	620	0.38	0.4	467		0.60	
730308		12.2	9.0	7.4	0.300		0.017	1600	0.60	0.2	550		0.60	
730215		0.6	13.0	7.6	0.190		0.010	380	0.30	1.2	700		0.90	
730117		1.1	9.7	7.5	0.140		0.008	10	0.50	1.4	733		0.60	
721128		3.3	11.7	7.7	0.210		0.014	1400	0.24	1.5	517		0.50	
721113		7.8	9.7		0.680		0.020	30000	0.26	0.4	433		0.60	
721002		16.7	5.5	7.5	0.160		0.013	200	0.74	0.3	500		0.80	
720920		22.2	2.0	7.5	0.100		0.010	160	0.28	0.0	500	0.2	0.60	
720824		22.2	4.1	7.4	0.150		0.005	700	0.33	0.2	400	0.0	0.70	
720801		21.1	2.5	7.8	0.120		0.005	110	0.39	0.3	283		0.40	20
720626		18.3	3.3	8.0	0.050		0.010	170	0.15	1.9	567		1.20	
720517		18.3	6.1	8.1	0.030		0.010	60	0.15	0.1	1017		1.20	
720426		10.3		7.7	0.030		0.010	100	0.45	1.1	500		0.60	100
720323		5.6	9.6	7.7	0.020		0.010	20	0.20	0.9	1367		1.00	37
720302		6.7	10.4	7.9	0.080		0.015	670	0.20	2.7	813		1.10	75
720124		7.8	10.3	6.8	0.070		0.010	10	0.30	1.4	887		0.95	

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740812		0.1	0.000	5.5	0.02	1.25	0.0	0.0	0.2	45	35		
740514		0.0	0.000	1.6	0.01	0.95	0.0	0.0	0.1	175	130		
740213		0.0	0.000	0.8	0.01	0.65	0.0	0.0	0.1	71	125		
731128			0.000	2.9	0.01	0.49	0.0	0.0	0.2	34	70		
720801		0.0	0.000	0.8	0.05	0.44	0.0	0.0	0.6	21	51		
720426		0.0	0.000	3.6	0.04	0.52	0.0	0.0	0.1	65	95		
720124									0.2	148	150		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740812	0.000	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
740514	0.002	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
740213	0.000	0.0	0.00	0.00		0.03	0.000		0.00	0.000		
731128	0.000	0.0	0.00	0.00		0.00	0.000		0.00	0.000		
720801	0.000	0.1	0.00	0.00	0.00	0.10	0.000		0.00	0.000		
720426			0.00	0.00		0.03	0.000			0.000		

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910		20.6	7.2	6.7	0.500		0.000	3800	0.35	0.4	317	0.0	0.10	
740814		25.6	2.3	6.9	0.120		0.010	260	0.35	0.0	617		0.20	
740718		27.8	1.5	7.6	0.200		0.010	700	0.35	0.0	683		0.30	
740612			4.5	7.1	0.290		0.005	310	0.70	0.3	667	0.0	0.60	
740514		18.3	12.4	8.0	0.240		0.005	180	0.80	0.0	1067		0.60	
740423		16.7	9.4	7.7	0.230		0.015	740	0.20	0.3	500		0.30	
740325		3.9	11.1	7.4	0.160		0.010	80	0.25	0.5	717	0.3	0.40	
740213		5.0	8.8	7.6	0.120		0.015	20	0.60	0.5	1667		0.80	
740129		4.4	11.2	7.4	0.440		0.010	900	0.80	0.8	217		0.30	
731217		0.6	8.8	7.3	0.120		0.010	100	0.45	0.3	1033	0.4	0.50	
731128		8.3	7.6	7.2	0.580		0.015	2600	0.40	0.9	217		0.10	
731029		9.4	6.1	7.1	0.140		0.010	80	0.14	0.0			0.20	
731001		20.6	5.4	7.0	0.480		0.027	14000	0.30	0.9	533		0.50	
730731		25.0	4.1	7.5	0.280		0.010	100	0.55	0.1	417		0.40	
730716		26.7	6.2	7.3	0.120		0.025	260	0.50	0.4	817		0.80	
730606		23.3	5.3	7.3	0.750		0.023	5500	0.70	2.5	250		0.40	
730508		15.0	6.5	7.3	0.290		0.008	3800	0.27	0.0	433		0.60	
730418		12.2	6.4	7.4	0.240		0.015	500	0.98	0.3	550		0.60	
730308		12.8	7.2	7.3	0.460		0.015	1600	0.85	0.8	333		0.40	
730215		0.0	11.6	7.4	0.220		0.015	550	0.20	1.5	750		0.80	
730117		0.0	11.8	7.1	0.180		0.007	70	0.50	0.4	567		0.50	
721128		3.3	11.6	7.6	0.200		0.012	1300	0.23	1.2	517		0.50	
721113		7.2	9.3	7.2	0.540		0.015	16000	0.29	0.4	333		0.50	
721002		17.2	8.1	7.6	0.100		0.000	330	0.26	0.1	233	0.0	0.40	
720920		22.8	3.8	7.5	0.210		0.010	90	0.25	0.0	250	0.4	0.30	
720824		23.9	2.9	7.3	0.280		0.005	300	0.57	0.1	417	0.0	0.50	
720801		23.0	7.0	7.9	0.210		0.010	270	0.21	0.1	783	0.3	0.80	
720627		21.1		8.0	0.050		0.015	640	0.17	0.0	750		1.50	50
720517		18.9	7.4	8.0	0.040		0.010	200	0.18	0.1	900		1.00	
720426		12.8		7.6	0.100		0.010	200	0.55	1.0	322		0.40	
720323		6.7	6.9	7.6	0.020		0.010	0	1.00	0.0	1617		1.20	50
720302		5.6	8.4	7.8	0.110		0.015	700	0.30	1.1	1368		1.40	85
720124		8.3	9.9	7.4	0.030		0.015	30	0.10	0.1	1597		1.30	
711228		6.7	5.1	7.2	0.605	30		110	3.80	0.2				
711130		5.6	8.3	7.4	0.030	32		170	0.30	0.2				
711027		18.3		7.7	0.261	24		120	0.40					
710928		23.3		7.7	0.131	27		20	2.40	0.0				
710623		22.2	1.2	6.9		32				0.2			1.10	350
710512		16.7	3.7	7.0		57				0.0			2.10	50
710331		10.0	10.1	7.6		40				0.0			2.10	70
710218		1.1	10.8	6.6		42				0.5			1.70	230
701028		15.6	5.1	7.4		50				0.0			1.10	45
700916		23.3	5.5	7.6		33				0.0			0.80	100
700806		23.9	2.9	7.7		30	0.000	90		0.0			0.90	100
700624		21.7	1.8	7.1		26				0.0			0.60	100
700507		15.6	1.7	7.1		29				0.0			1.20	65
700325		8.3	11.3	7.3		21				0.0			1.40	95
700114		0.6	3.7	6.9		30				0.0			1.70	35
691204		3.3	10.1	7.2		19				0.0			1.00	25
691016		12.8	5.2	7.4		30				0.0			0.80	95
690827		22.8	2.1	7.1		27	0.000	3800		0.0			0.60	160
690625		23.9	4.0	7.1		29				0.2			0.20	450
690508		20.6	1.7	7.1		26				0.0			1.00	160
690312		2.8	13.2	7.2		105				1.1			1.40	30
690206		4.4	9.7	6.9		33				1.6			0.70	260
690109		0.0	4.0	6.8		68				1.4			0.60	23
681030		7.2	4.5	7.6		62				0.0			0.30	65
680918		18.9	5.8	7.5		26				0.0			0.30	145
680808		26.1	0.0	6.8	0.065	21	0.005	9000	0.40	0.0			0.20	250
680619		22.8	7.6	8.1		52				0.0			0.50	150
680509		18.3	9.9	7.6		23				0.0			0.60	110
680327		12.8	6.0	7.1		21				0.5			0.30	200
680131		6.7	9.6	7.6		18				1.4			0.10	320
671207		7.2	8.7	7.1						0.7			0.10	270
671101		11.7	0.5	7.2		27				0.0			0.20	25
670914		18.9	5.3	7.2	0.131	16	0.000		1.20	0.0			0.20	70
670803		25.0		7.3		13							0.40	105
670628		22.2	5.5	7.2									0.10	110
670524		17.8	3.9	7.0									0.10	75
670413		16.7	7.5	7.3									0.40	105

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
670201		6.7	9.5	7.3									0.20	85
661117		10.0	1.6	7.4									0.50	90
661006		12.2	6.2	7.8									0.90	110
660818		24.4	4.5	7.9									0.20	100
660511		12.2	4.2	7.1									0.20	90
660322		15.6	8.8	7.5									0.30	80
660120		0.6	7.3	7.0									1.00	20
651116		13.3	4.2	7.1									0.20	90
650831		21.1	5.9	8.2									0.10	290
650518		22.2	4.2	7.9									0.10	70
650310		4.4	10.8	6.8									0.00	70
650113		4.4	9.8	7.1									0.00	35
641014		14.4	6.0	7.4									0.10	270
640804		28.9	4.9	6.9									0.20	15
640728		28.3	4.0	7.4									0.20	370
630820		21.1	7.1	7.4									0.20	120
630617		25.6	3.4	6.9										320
620129		4.4	10.8	6.6									0.00	70
610829		25.6	7.0	7.7									0.00	18
610314		7.8	7.2	6.8									0.00	300
590803		24.4	2.5	7.1									0.00	210
580918			3.1	7.0										200

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740910		0.3	0.000	9.3	0.02	0.62	0.0	0.0	0.2	60	20		
740612		0.2	0.000	3.2	0.00	1.92	0.0	0.0	0.2	90	40		
740325		0.0	0.000	1.8	0.02	0.50	0.0	0.0	0.1	125	72		
731217		0.0	0.000	2.1	0.02	1.09	0.0	0.0	0.2	215	88		
720920		0.1	0.000	2.1	0.06	1.00	0.0	0.1	0.2	22	30		
720627		0.0	0.000	2.8	0.04	1.30	0.0	0.0	0.2	120	50		
720124									0.1	440	75		
711228										317			
711130										320			
710512										326	75	288	92
710331										260	175	320	142
700916										148	18	248	200
700806		0.0	0.000	0.1	0.00	1.30	0.0	0.0	0.3	135	56	228	340
700325										195	98	248	102
700114										33	198	476	228
691204										189	98	292	144
690827		0.0	0.000	0.0	0.00		0.0	0.0	0.3				
690508										212	71	292	184
690312										475	123	452	132
690109										510	58	272	80
680808		0.0	0.000	4.9		0.20	0.0	0.0	0.2	48	12	92	60
680619										79	26	330	216
680509										235	24	350	208
670914		0.5	0.000	0.6	0.00	1.50	0.0	0.1	0.2	285	61	130	96
670803										400	33	310	80
670628	2									146	13	152	92
670524	2									84	20	168	124
670413	5									335	38	350	148
670201	3									128	28	162	80
661117	10									580	29	410	156
661006	5									1300	12	650	196
660818	6									310	11	332	204
660511	4									310	22	400	128
660322	3									430	200	390	124
660120	2									325	35	330	128
651116	4									222	29	224	104
650831	8									100	11	80	100
650518	4									275	431	340	164

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
650310	2									110	29	164	68
650113	2									610	310	430	92
641014	5									131	36	196	154
640804	3										60	510	180
640728	5									46	50	280	244
630820	6									120	88	240	132
630617										34	34	138	60
620129	4									13	21	56	36
610829	5									140	35	164	84
610314	9									20		54	30
590803	4									28		120	52
580918	2									1100		380	102

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740910	0.000	0.3	0.00	0.00		0.01	0.000		0.00	0.000		
740612	0.002	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
740325	0.000	0.1	0.00	0.00		0.00	0.000		0.00	0.000		
740213											1010	
731217	0.000	0.0	0.00	0.00		0.05	0.000		0.00	0.000		
720920	0.000	0.1	0.00	0.00		0.12	0.000		0.00	0.000		
720627			0.00	0.00		0.07	0.000			0.000		
700806			0.00	0.00		0.00	0.000					
690827	0.000		0.00	0.00		0.00	0.000					
680808	0.000		0.00	0.00		0.10	0.000					
670914	0.000		0.00	0.00		0.20	0.000					

CM 01 DISMAL 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740935		18.3	2.2	7.2	0.220		0.010	390	0.16	0.5	267		0.20	
740813		26.1	2.0	7.5	0.060		0.005	150	0.05	0.2	1150		0.30	
740718		28.3	1.5	7.8	0.110		0.010	200	0.20	0.1	750		0.20	
740604		22.8	6.9	7.4	0.180		0.005	400	0.20	0.3	433		0.20	
740508		20.6	10.1	8.0	0.070		0.010	120	0.05	0.0	717		0.30	
740410		12.2	10.3	7.5	0.220		0.005	520	0.20	0.2	350	0.2	0.10	
740327		6.7	11.2	8.0	0.160		0.005	410	0.10	0.4	433		0.20	
740220		3.3	11.4	7.6	0.720		0.010	2300	1.00	1.7	300		0.20	
740124		5.6	11.0	7.8	0.320		0.000	320	0.40	0.5	300	0.0	0.20	
731217			12.4	7.9	0.080		0.005	200	0.52	0.3	1067		0.40	
731128		7.8	9.7	7.6	0.520		0.015	4100	0.40	1.0	300		0.20	
731029		9.4	6.2	7.4	0.100		0.025	90	0.07	0.0		0.0	0.30	
731001		20.0	6.1	7.7	0.100		0.012	150	0.10	0.0	817		0.50	
730731		23.9	5.1	7.5	0.180		0.010	300	0.35	0.5	267		0.20	
730711		26.7	5.5	7.5	0.320		0.015	4800	0.25	0.8	367		0.40	
730606		23.3	7.8	7.6	0.600		0.023	6400	0.50	1.5	250		0.30	
730508		15.0	7.6	7.4	0.600		0.010	8300	0.62	0.0	142		0.20	
730418		12.8	7.4	7.7	0.230		0.010	410	0.49	0.2	500		0.50	
730308		12.2	8.8	7.6	0.380		0.017	1300	0.39	0.4	333		0.30	
730215		0.6	12.2	7.6	0.320		0.015	800	0.26	1.6	417		0.50	
730117		1.1	12.1	7.7	0.100		0.008	10	0.50	0.3	867		0.60	
721128		3.3	11.6	7.9	0.140		0.010	320	0.20	0.9	417		0.50	
721113		6.7	10.0	7.3	0.410		0.015	20000	0.38	0.4	200		0.40	
721002		14.4	5.0	7.7	0.130		0.012	30	0.40	0.5	417	0.0	0.70	
720920		23.9	4.3	7.9	0.050		0.010	20	0.16	0.0	867	0.0	0.60	

CM 01 DISMAL CREEK
TOWNSHIP 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720824		22.2	4.6	7.3	0.100		0.005	140	0.42	0.0	700	0.5	1.00	
720801		23.3	6.7	8.3	0.060		0.010	40	0.20	0.0	1033		0.90	13
720717		22.2	3.9	7.3	0.060		0.010	100	0.15	2.0	900		0.90	
720710		20.0	7.4	7.8	0.060		0.010	490	0.15	0.1	483		0.40	
720627		18.3	3.9	8.2	0.060		0.010	100	0.20	0.3	433		0.80	
720517		17.2	7.1	7.9	0.040		0.010	70	0.15	0.1	1067		0.90	
720426		11.1	8.6	7.8	0.040		0.010	100	0.18	0.6	750		0.60	38
720124		7.2	11.3	7.6	0.070		0.012	10	0.15	0.2	1537		1.00	

CM 01 DISMAL CREEK
TOWNSHIP ROAD BRIDGE 5 MI NORTHWEST OF LOUISVILLE —CONTINUED

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740410		0.0	0.000	4.5	0.02	0.09	0.0	0.0	0.1	24	58		
740124		0.0	0.000	3.6	0.01	0.12	0.0	0.0	0.2	25	41		
731029		0.3	0.000	0.4	0.00	0.61	0.0	0.0	0.2	340	185		
721002		0.0	0.000	0.9	0.01	0.50	0.0	0.0	0.2	63	23		
720801		0.1	0.000	0.5	0.05	0.64	0.0	0.0	0.3	200	69		
720426		0.0	0.000	2.2	0.12	0.42	0.0	0.0	0.1	110	100		
720124				0.4		0.06			0.2	320	200		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740410	0.000	0.2	0.00	0.00		0.08	0.000		0.00	0.000		
740124	0.000	0.4	0.00	0.00	0.00	0.00	0.000		0.00	0.000		
731029	0.000	0.0	0.00	0.00		0.00	0.000		0.00	0.000	1100	
721002	0.000	0.1	0.00	0.00		0.04	0.000		0.00	0.000		
720801	0.000	0.1	0.00	0.00	0.00	0.07	0.000		0.00	0.000		
720426			0.00	0.00		0.13	0.000			0.000		
720124							0.000	0.08				

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740905		17.8	2.0	7.5	1.000		0.010	4000	1.00	2.0	450		0.40	
740813		24.4	2.2	7.1	1.100		0.005	10000	1.50	1.8	350		0.40	
740604		22.2	7.7	7.6	0.350		0.005	5100	0.40	0.9	583		0.30	
740508		20.0	8.5	8.0	0.420		0.010	770	0.85	1.2	683		0.50	
740410		9.4	9.1	7.6	0.390		0.010	550	0.40	0.7	433		0.30	
740327		7.8	9.9	8.0	0.400		0.015	1900	0.70	0.7	483	0.2	0.30	
740220		2.8	10.6	7.6	0.880		0.010	4000	1.00	2.0	300		0.20	
740124		5.0	12.0	8.0	0.470		0.000	5000	0.50	0.9	367		0.30	
731217			11.1	7.9	0.460		0.005	200	3.10	0.7	817	0.0	0.50	
731128		8.9	9.2	7.7	0.800		0.015	8200	0.90	1.6	417		0.30	
731029		8.9	6.0	7.8	3.800		0.015	130	9.10	1.2			0.40	
731001		20.6	6.3	7.9	5.800		0.012	210	7.50	2.1	1000		1.00	
730731		25.0	4.0	7.9	0.780		0.010	2100	1.70	2.1	617		0.60	
730711		26.1	5.1	7.8	0.440		0.020	1000	1.20	1.7	633		0.60	
730606		22.8	5.4	7.7	1.350		0.023	28000	1.00	3.7	350		0.70	
730508		14.4	6.4	7.5	0.920		0.010	36000	0.50	0.0	267		0.50	

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

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730416		13.3	8.5	7.8	0.560		0.010	3000	0.43	0.8	433		0.40	
730308		11.7	8.2	7.7	0.710		0.018	2500	0.65	0.0	400		0.50	
730215		1.1	12.6	7.7	0.570		0.015	3800	0.25	2.6	350		0.60	
730117		4.4	12.1	8.0	0.160		0.000	170	0.50	1.7	667		0.80	
721205		5.0	9.1	7.8	1.500		0.002	410	2.60	1.7	758		0.90	
721102		15.0	5.9	7.4	0.550		0.014	20000	0.46	0.5	142		0.30	
721011		17.2	7.3	7.8	0.010		0.010	800	0.90	2.5	650		1.00	
720821		29.4	10.7	8.2	0.100		0.012	700	0.10	0.4	400	0.0	0.50	
720804		23.9	3.6	7.8	0.030		0.008	97000	0.30	1.2	250	0.0	0.60	
720613		23.9	3.3	7.9	1.800		0.006	270	3.50	1.2	750	0.0	1.00	29
720517		23.6	4.8	8.0	0.100		0.010	200	0.10	2.1	783	0.0	1.00	
720410		12.8	9.7	8.0	0.040		0.000	1700	0.10	1.1	467	0.0	0.40	58
720229		6.7	10.5	8.6	0.120		0.012	610	0.60	2.0	500		0.60	35
720124		6.7	9.6	7.6	0.500		0.000	820	3.70	1.2	813		0.95	

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

DATE	BOD 5 DAY (MG/L)	BARIUM (MG/L)	CADMIUM (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740327		0.0	0.000	1.3	0.00	0.20	0.0	0.0	0.2	32	74		
731217		0.0	0.000	1.4	0.02	1.09	0.0	0.0	0.3	42	100		
720613		0.0	0.001	0.6	0.00	0.78	0.0	0.0	1.0	66	80		
720410			0.000	0.2	0.00	0.10	0.0	0.1	0.4	36	67		
720124				1.1		0.20			0.4	57	124		

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

DATE	ARSENIC (MG/L)	BORON (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)
740327	0.000	0.2	0.00	0.00		0.00	0.000		0.00	0.000		
731217	0.000	0.3	0.00	0.02		0.04	0.000		0.00	0.000		
720613		0.6	0.00	0.00	0.00	0.08	0.000			0.000		
720410			0.00	0.00	0.00	0.04	0.000					
720124							0.005	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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740916	130000	18.3	9.6	8.0	0.240	0.005	5300	0.00	0.7	500			0.10	
740807	126000	20.0	2.3	8.0	0.250	0.000	2000	0.05	1.8	567			0.20	
740722	161000		1.5	7.9	0.320	0.005	2000	0.05	3.4	567			0.20	
740625	373000	20.6	7.5	7.4	0.400	0.000	1000	0.10	3.5	467			0.70	
740523	490000	16.7	9.7	7.3	0.320	0.100	380	0.50	0.7	300	15	28	0.30	
740415	322000	7.2	5.7	8.2	0.480	0.005	490	0.20	2.4	467			0.30	
740219	234000	3.9	11.7	7.8	0.340	0.005	280	0.40	3.1	533	22	130	0.20	
740128	455000	5.6	11.8	7.5	0.500	0.010	300	0.45	2.3	400			0.40	
740103	227000		13.4	7.8	0.620	0.005	270	0.15	2.5	467			0.40	
731115	182000	13.3	10.4	8.2	0.420	0.000	600	0.25	1.8		20	73	0.30	
731023	391000	17.2	8.1	7.9	0.560	0.005	1900	0.08	1.7				0.30	
730926	150000	21.7	8.0	8.0	0.280	0.000	25000	0.10	1.0	533			0.40	
730906	124000	26.1	6.8	8.1	0.220	0.000	24000	0.30	1.1	617	24	92	0.20	
730724	275000	27.2	7.1	8.1	0.340	0.000	1900	0.10	2.8	517			0.30	
730627	308000	26.7	7.3	8.0	0.500	0.005	1900	0.15	2.8	417			0.70	
730517	656000	18.3	8.9	8.2	0.290	0.005	1400	0.20	3.0	417	15	50	0.60	
730424	704000	16.7	8.4	7.9	0.470	0.006	1500	0.41	2.1	367			0.50	
730315	644000	13.3	3.7	7.9	1.200	0.008	100	1.00	1.8	317			0.40	
730222	214000	3.3	12.1	7.9	0.390	0.008	300	0.43	2.9	467	21		0.60	
730110	279000	1.7	8.8	7.8	0.360	0.010	400	0.73	2.4	433			0.60	
721129	259000	4.4	11.1	7.9		0.000	420	0.15	2.4	500			0.60	
721101	230000	16.1	6.5	7.8	0.350	0.007	1100	0.25	2.3	483			0.70	
721016	211000	20.6	6.0	7.9	0.370	0.000	3000	0.15	1.7	433			0.60	
720914	171000	25.0	4.9	7.6	0.570	0.000	10000	0.10	1.3	500			0.40	
720821	191000	26.1	8.2	6.9	0.340	0.005	4800	0.16	2.5	400			0.80	
720629	174000	23.3	3.0	7.8	0.180		1500	0.20	3.6	517			1.40	
720530	222000	24.4	6.1	7.9	0.140	0.000	90	0.20	1.6	500	21	92	0.70	300
720502	337000	15.6	6.6	7.6	0.100	0.000	100	0.18	2.7	420			0.70	
720411	218000	7.2	9.2	7.9	0.110	0.000	10	0.42	1.9	467			0.63	
720308	146000	4.4	11.3	8.2	0.170	0.000	110	0.60	1.4	600			0.50	70
720214	90900	1.7	13.6	7.6	0.160		10	0.75		563	28	100	0.80	55
720111	123000	3.3		7.1	0.200	0.000	2000	0.65	2.3	498				
711206	146000	5.0		7.7	0.065	0.010	700	0.40	0.2		40	110	0.20	120
711108	160000	11.7		7.9	0.261		100000	0.10	0.2			100	0.20	300
710937	105000	28.9		7.4			1100				23	160	0.10	110
710802	126000	26.1		8.0							23	100		440
710712	168000	27.8		7.2		0.008					19	91		280
710607	235000	23.9		7.8		0.000						88	0.80	110
710503	258000	15.0		7.7		0.000					16	99	0.70	190
710405	258000	7.8		7.7		0.000					22	68	1.60	220
710301	406000	5.0		7.8		0.000					18	19	2.00	650
710202	88600	0.6		7.1		0.000					27	90	1.30	40
710104	106000	1.7		7.4		0.000					24	15	3.00	80
701207	170000	5.6		7.9		0.000					20	42	1.20	145
701102	237000	13.9		7.9		0.000					19	40	0.90	150
701005	223000	18.9		7.6		0.000					16	36	0.70	230
700908	95000	26.7		7.9		0.000					19	74	0.60	80
700803	127000	28.9		8.0		0.000					21	80	0.70	60
700706	164000	27.8		7.3		0.000					21	78	1.50	170
700601	275000	23.9		7.7		0.000					20	36	0.90	300
700504	494000	17.8		7.4		0.000					12	28	0.80	780
700406	238000	7.8		7.7		0.000					21	58	0.90	880
700302	125000	6.1		7.9							32	88	1.00	110
700202	146000	0.6		7.3		0.000					29		0.80	550
700105	83000	0.6		8.1							26	56	0.70	70
691201	124000	6.1		8.0		0.000					24	45	0.70	120
691103	179000	10.6		7.8		0.000					18	20	0.90	180
691006	115000	21.7		7.8		0.000					16	77	0.70	140
690908	154000	25.6		7.6		0.000					24	42	0.50	230
690804	226000	26.7		7.7		0.000					38	25		500
690707	544000	26.7		7.2		0.000					14	19		1000
690602	266000	21.7		7.7		0.000					20	55	1.10	370
690505	477000	15.0		7.4							20	27	0.40	500
690407	374000	7.8		7.6		0.000					16	19	0.60	400
690303	256000	2.8		7.5		0.000					21	5	0.80	280
690203	347000	1.7		7.4							12	1	0.50	430
690106	143000	0.6		7.7		0.000					21	20	0.30	140

I 01 MISSISSIPPI RIVER
CHESTER WATER INTAKE 0.3 MI SOUTH OF HIGHWAY 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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
681202	216000	5.6		7.0		0.000					22	15	0.30	325
681104	176000	11.7		8.0		0.003					17	36	0.20	180
681307	129000	17.8		7.3		0.000					17	28	0.20	125
680909	91000	23.3		7.6		0.000	1000				22	13	0.20	100
680805	237000	26.7		7.7		0.000	12000				16		0.10	250
680701	212000	25.0		7.9							13			350
680603	277000	20.0		7.7		0.000					15		0.20	240
680506	162000	15.6		7.8		0.007					18		0.30	200
680401	140000	12.8		7.5		0.000					22		0.30	510
680304	99100	3.3		7.9		0.013					36		0.20	95
680205	314000	6.1		7.7		0.004					38		0.30	500
680108	95500	0.6		7.5		0.013					34		0.10	150
671204	164000	5.0		7.6							26		0.10	400
671106	320000	8.9											0.10	
671002	96400	18.9		7.3							25		0.20	400
670911	76600	21.7		7.8		0.000					24		0.20	
670807	128000	27.8		7.4							25		0.30	300
670710	287000	23.9		7.5							14		0.10	420
670605	232000	20.0		8.0		0.005					17			410
670501	289000	12.2		7.4		0.003					15		0.20	210
670403	280000	13.9		7.4		0.003					21		0.20	260
670306	84600	2.8		7.5		0.009					28		0.40	250
670206	124000	1.7		7.7		0.003					24		0.10	310
670103	68600	0.6				0.000								
661205	76600	10.0		7.8		0.015					26		0.20	130
661107	78200	8.9		7.6							18		0.10	70
661003	64200	17.8		7.8		0.000					28		0.20	110
660906	97300	26.7		7.8		0.010					19		0.30	120
660801	117000			7.9		0.000					15		0.00	80
660705	160000	30.0		7.7		0.000					15		0.00	1000
660606	183000	22.8				0.001								
660404	235000	8.9		7.7		0.012					14		0.30	200
660307	206000	3.9				0.001								
660207	76600	2.2		8.2		0.000					30		0.20	4
660103	209000	6.1				0.000								
651206	118000	6.1		7.7		0.003					20		0.00	100
651101	160000	13.9		8.0		0.000					15		0.00	80
651004	314000	17.8		7.8		0.000					12		0.20	460
650913	258000					0.000								
650802	118000	27.8				0.002								25
650706	306000	26.7		7.9		0.002					10			1500
650607	323000	22.8		7.6		0.000					15		0.00	800
650503	428000	15.0		7.3		0.006					12		0.00	390
650405	222000	7.2		7.2		0.008					17		0.10	450
650301	110000	3.9		7.2		0.034					26		0.30	270
650202	95500	0.6		7.4		0.006					19		0.30	270
650104	148000	2.8		7.8		0.005					32		0.30	150
641207	60700	2.8		7.3		0.016					25		0.20	120
641109	78200			7.5		0.000					17		0.20	65
641005	102000			7.7		0.000					64		0.10	210
640908	90200			7.8		0.019					30		0.10	50
640803	73400			7.5		0.009					55		0.10	240
640706	126000	27.2		7.7		0.008					15		0.20	

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740523			0.000	0.00	0.00	0.00	0.000	1.2	0.00	0.90	0.0	0.2		
740219			0.000	0.00	0.00	0.25	0.000	1.9	0.02	0.05	0.0	0.2		
731115			0.000	0.00	0.00	0.68	0.000	3.5	0.04	0.38	0.1	0.3		
730906			0.000	0.00	0.00	0.05	0.000	2.2	0.02	0.20	0.0	0.4		
730517			0.000	0.00	0.00	0.34	0.000	6.0	0.01	0.30	0.0	0.2		
730222			0.000	0.00	0.00	0.24	0.000	3.4	0.04	0.10	0.0	0.2		
721101			0.000	0.00	0.00	0.10	0.000	2.0	0.01	0.20	0.0			
720530			0.000	0.00	0.02	1.77	0.000	11.2	0.07	1.00	0.0	0.0		

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
720214							0.007	1.6		0.30		0.3		
720111			0.010											
711206		13	0.020											142
711108		17												150
710907														164
710802			0.000											212
710712			0.000											142
710607			0.000											158
710503			0.000											126
710405			0.000											166
710301														118
710202														208
710104														194
701207														180
701102														160
701005														124
700908														146
700803														158
700706														158
700601														130
700504														100
700406														124
700302														172
700202														150
700105														182
691201														180
691103														162
691006														158
690908														156
690804			0.000					0.0	0.00			0.0		158
690707			0.000					0.0	0.00			0.0		96
690602														148
690505														116
690407														136
690303														140
690203														82
690106														158
681202														142
681104														166
681007														134
680909														156
680805														124
680701														104
680603														112
680506														166
680401														140
680304														160
680205														116
680108														146
671204														156
671002														140
670911														156
670807														136
670710														146
670605														168
670501														112
670403														150
670306														168
670206														124
661205														162
661107														160
661003														160
660906														162
660801														164
660705														140
660404														146
660207														82
651206														196
651101														166
651004														142
650706														126

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
650607														128
650503														98
650405														160
650301														232
650202														180
650104														212
641207														180
641109														152
641005														150
640908														190
640803														185
640706														150

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

DATE	ORGANIC NITROGEN (MG/L)	SUSPENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROMIUM (MG/L)	DISSOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740523			0.000	0.0	0.1			0.4	0.0	0.00	0.000			
740219			0.002	0.0	0.2			0.2	0.0	0.00	0.000			
731115			0.005	0.2	0.1			0.0	0.0	0.00	0.000			
730906			0.000	0.0	0.1			0.0	0.0	0.00	0.000			
730517			0.000	0.2	0.2			0.0	0.0	0.00	0.000			
730222								0.0						
721101									0.0					
721016								0.0						
720914								0.3						
720821								0.2						
720530				0.0					0.0		0.000			
720214							0.12							

I 02 MISSISSIPPI RIVER
US 60 BRIDGE 1 MI SOUTH OF CAIRO
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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBIDITY UNITS
740912		25.0	8.2	7.8	0.300	0.005	2500	0.07	0.8	500	15	65	0.20	
740819		28.9	2.6	7.8	0.210	0.010	900	0.00	1.4	580			0.20	
740722		27.2	2.4	7.9	0.280	0.005	380	0.00	5.0	550			0.20	
740619		22.8	9.0	7.4	0.200	0.000	470	0.10	1.0	267	8	30	0.30	
740514		18.9	9.4	8.1	0.440	0.005	2100	0.05	2.2	500			0.50	
740424		15.0	8.5	8.0	0.290	0.005	740	0.10	2.2	450			0.20	
740206		8.9	11.8	7.8	0.420	0.005	250	0.50	2.5	417			0.40	
740121		5.6	11.9	7.5	0.340	0.005	600	0.30	1.1	267			0.40	
731213		11.1	11.0	7.9	0.420	0.005	1700	0.15	1.6	383	14	51	0.20	
731107		11.7	10.0	8.0	0.370	0.005	2400	0.10	1.6	500			1.50	
731024		17.2	7.9	7.8	0.480	0.005	2700	0.15	1.6				0.20	
730927		21.1	7.7	8.0	0.280	0.005	1500	0.05	1.0	567			0.20	
730806		27.2	7.0	7.9	0.340	0.000	100	0.15	2.4	450			0.80	
730723		27.2	6.8	7.9	0.340	0.000	2600	0.10	3.0	567			1.10	
730610		24.4	5.9	8.0	0.380	0.010	700	0.00	2.7	467			0.70	
730515		17.2	7.9	7.9	0.320	0.005	1000	0.25	2.2	367			0.50	
730404		11.1	9.1	7.8	0.380	0.007	400	0.50	2.0	333			0.40	
730321		10.0	9.3	7.8	0.420	0.007	600	0.51	1.9	333			0.50	
730226		2.2	12.2	8.1	0.280	0.000	520	0.50	2.7	517			0.60	
730109		2.2		8.3	0.140	0.012	10	0.20	1.5	900			0.80	
730104		5.0	11.7	8.1	0.230	0.008	100	0.09	0.7	500			0.50	
721116		6.7	9.5	7.8	0.370	0.007	15000	0.20	2.8	483			0.70	
721017		15.0	8.4	8.0	0.240	0.000	650	0.13	1.9	483			0.60	
720925		25.0	6.5	7.4	0.410	0.007	14000	0.08	1.5	383	16	72	0.50	
720829		25.6	6.1	7.6	0.260	0.000	2800	0.20	1.8	517			0.80	

I 02 MISSISSIPPI RIVER
US 60 BRIDGE 1 MI SOUTH OF CAIRO --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720809		25.0	7.0	7.7	0.520	0.000	2100	0.13	1.0	533	16	100	0.50	150
720724		28.3	5.5	7.1	0.183	0.010	1100	0.05	0.3	600			0.10	
720720		25.0	6.0	7.4	0.140	0.000	700	0.14	1.6	633			0.60	
720712		22.8	7.4	8.2	0.150	0.000	1500	0.15	0.9	300			0.30	
720607		23.9	5.9	8.1	0.140	0.000	7000	0.09	0.3	550			0.20	
720410		6.7	8.8	8.1	0.120	0.000	230	0.33	1.8	450	21	75	0.60	60
720313		7.8	10.1	7.9	0.190	0.008	40	0.70	1.4	567			0.60	45
711109		11.1	9.1	7.2	0.196		5800	0.20	0.2					290
711012		19.4	8.0	7.5	0.196		67000	0.30	0.0					85
710602		20.6	6.6	7.5	0.685			1.30	0.2				0.60	200
710427		18.3	7.5	8.0	0.457			0.00	0.2				0.10	160
710323		5.6	10.5	8.1	0.392			0.60	0.5				0.00	800
701117		8.3	10.0	7.7	0.160			0.70	0.2				0.90	200
700901		28.3		7.5	0.228			0.30	0.2				0.60	170
700721		25.0	6.8	7.7	0.163	0.000	300	0.10	0.2		19	120	0.90	60
700616		26.1	5.7	7.7	0.326			0.30	0.5				0.70	450
700414		12.8	9.2	7.9	0.522			0.30	0.5				0.00	200
700217		3.9	12.2	7.7	0.587			1.10	0.2				2.00	55
691008		22.2	7.2	7.6	0.131			0.30	0.0				0.80	120
690820		28.9	6.3	7.7	0.131	0.000	100	0.20	0.2				0.70	140
690716		28.9	4.0	7.4	0.196			0.20	0.2				0.10	500
690527		19.4	6.6	7.7	0.881			0.20	0.2				0.10	500
690402		8.3	9.6	7.4	0.261			1.40	0.9				0.10	550
690218		2.8	10.9	7.4	0.718			0.20	1.1				0.00	220
681210		4.4	11.1	7.3	0.326			0.60	0.7				0.10	100
681015		19.4	8.0	7.1	0.489			0.10	0.5				0.20	100
680827		26.7	6.7	7.4	0.131	0.000	240	0.10	1.1		25	19	0.20	170
680716		27.2	5.3	7.8	0.261			2.30	2.3				0.20	210
680605		21.7	5.8	7.7	0.228			0.10	1.8				0.40	160
680423		17.2	7.6	7.7	0.816			0.70	1.8				0.40	410
680319		8.9	11.5	7.9	0.326			1.60	0.7				0.20	147
680123		2.8	12.1	7.6	0.300			1.00	1.8				0.20	110
671212		7.2	10.1	7.7	0.587			1.00	1.4				0.20	170
671025		13.3	8.2	8.3	0.065			0.90	0.2				0.10	300
670919		23.9	5.7	7.3	0.196	0.000		1.00	0.5		36	29	0.10	300
670810		25.6		7.6				1.20	0.2				0.10	300
670613		25.6	5.2	7.6							17	42	0.10	1400
670504		14.4	7.5	7.5							26	19	0.30	180
670228		1.7	12.2	7.8							31	28	0.30	90
670123		12.2	11.6	7.7							30	34	0.20	65

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740912			0.010	0.00	0.00	0.00	0.000	1.0	0.01	0.15	0.0	0.4		
740619			0.000	0.00	0.00	0.00	0.000	1.6	0.01	0.17	0.0	0.1		
731210			0.000	0.00	0.00	0.02	0.000	6.1	0.03	0.32	0.0	0.2		
720925			0.000	0.00	0.00	0.15	0.000	7.0	0.27	0.45	0.1	0.2		
720809			0.000	0.00	0.00	0.09	0.000	4.8	0.06	0.00	0.0	0.2		
720410			0.000	0.00	0.00	0.82	0.000	2.0	0.75	0.24	0.2	0.2		
711109		13	0.000											
711012		6												
710602		54	0.020											
710427		9	0.000											
710323		13												
701117		30												
700901		14												
700721		15	0.000	0.00	0.00	0.00	0.000	0.1	0.00	0.00	0.0	0.4	220	166
700616		14												
700414		15												
700217		14												
691008		7												
690820		10	0.000	0.00	0.00	0.00	0.000	0.0	0.00		0.0	0.5		
690716		17	0.000					0.0	0.00			0.0		

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
690527		15												
690402		18												
690218		16												
681210		15												
681015		15												
680827		17	0.000	0.00	0.00	0.10	0.000	0.2	0.00	0.00	0.0	0.4	196	148
680716		27												
680605		14												
680423		13												
680319		16												
680123		12												
671212		9												
671025		12												
670919		16	0.000	0.00	0.00	0.05	0.000	0.6	0.00	0.00	0.0	0.5	240	168
670613	2												182	140
670504	3												164	122
670228	4												246	174
670123	4												264	196

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

DATE	ORGANIC NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOD (MG/L)	COLOR UNITS
740912			0.030	0.0	0.1			0.0	0.0	0.00	0.000			
740619			0.002	0.0	0.2			0.1	0.0	0.00	0.000			
731213			0.000	0.0	0.2			0.8	0.0	0.00	0.000			
721017								0.0						
720925			0.000	0.2	0.2			0.0	0.0	0.00	0.000			
720829								0.0						
720809			0.000	0.1	0.2	0.00			0.0	0.00	0.000			
720410				0.0					0.0		0.000			
700721				0.0					0.0					
690820			0.000	0.0					0.0					
680827			0.000	0.0					0.0					
670919			0.000	0.0					0.0					

1 81 MISSISSIPPI RIVER
CAPE GIRARDEAU WATER INTAKE AT CAPE PARK
LAB:

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740327		6.1	9.2	8.0	0.023		480	0.21	2.7		17	57		
740213		2.8	11.4	7.9	0.015		650	0.29	0.0		22	54		
740117		1.1	9.8	7.8	0.024		1300	0.33	2.4		26	61		
731211		4.4	10.6	8.1	0.051		2200	0.15	1.8		14	43		
731114		10.6	8.0	8.1	0.035		1800	0.02	0.0		19	84		
731016		18.9	6.0	8.0	0.070		7300	0.05	1.9		15	59		
730912		24.4	5.3	8.0	0.037		3900	0.05	1.1		18	71	0.00	
730814		26.1	5.8	8.1	0.019		1300	0.10	0.0		18	74	0.00	
730719		28.3	5.3	7.7	0.290									
730621		25.6	4.8	7.7	0.460									
730524		18.3	6.4	7.8	0.210									
730518		11.1	7.4	7.7	0.370									
730220		2.2	8.5	7.7	0.382						15			
721207		2.8	11.2	7.8	0.270		2300						0.05	
721122		5.0	7.2	7.8	0.540		2500						0.05	
721017		16.7	8.4	8.0	0.240	0.000	4000	0.15	1.8	483	15	87	0.60	
720925		23.9	6.4	7.7	0.380	0.007	7400	0.08	3.6	433			0.50	
720809		23.3	6.0	7.9	0.460	0.000	2800	0.13	1.3	500	16	100	0.40	140
720712		25.6	7.0	8.2	0.150	0.000	2500	0.14	1.6	583			0.60	

I 81 MISSISSIPPI RIVER
CAPE GIRARDEAU WATER INTAKE AT CAPE PARK --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720531		23.3	5.8	8.0	0.130	0.005	1000	0.40	1.3	600			0.60	
720514						0.000								
720512						0.000	2000							
720501		16.1	7.7	7.9	0.090	0.000	2000	0.22	2.4	417	17	75	0.60	
720410		6.7	9.6	7.9	0.230	0.000	25	0.28	1.6	467			0.55	
720307		5.6	8.1	8.0	0.130	0.000	700	0.60	1.4	525			0.60	55
720214		3.9	12.8	7.8	0.170	0.000	100	0.75		607			0.60	30
720111		3.3		7.2	0.250	0.000	2000	0.50	2.0	528				
711206		5.0		7.7	0.065		2300	0.40	0.2		36	130	0.20	100
711109		11.1		7.8	0.196		30000	0.50	0.2		210	108	0.10	400
711012				7.7	0.522		54000	0.40	0.2		22	130	0.00	80
710503						0.000						66	0.70	
710405		7.8				0.000						83	1.60	
710301		2.8				0.000						23	2.00	750
710202		0.6				0.000						88	1.30	
710104		1.7		7.4		0.000						35	1.50	
701207		6.1		7.9		0.000						44	1.00	
701102		13.9				0.000						43	0.80	
701005		21.1		7.5		0.000						32	0.80	
700908		28.9		7.9		0.000						67	0.70	
700802		29.4		7.9		0.000						90	0.70	
700706		28.3		6.7		0.000						105	1.10	
700601		24.4		7.7		0.000						33		330
700504		18.9				0.000						30	0.70	
700406		8.9		7.7		0.000						60	0.90	
700105		1.7										51	0.80	
691201		6.1				0.000						75	0.70	
690908		26.7				0.000						33	0.50	
690804		27.8				0.000						27		
690707		26.7				0.000						21		
690602		22.8		8.0		0.000						80	1.10	
690505		17.2				0.000							0.40	
690407		8.9		7.5								15	0.60	
690303		5.0				0.000						5	0.60	
690203		2.8		7.3								4	0.50	
690106		1.7		7.6		0.000						17	0.30	
681202				7.3		0.000	0					19	0.30	
681104				8.3		0.000						30	0.20	
681007				6.8		0.000						33	0.30	
680805						0.000	9000						0.10	
680701		26.1				0.004								
680603		20.0											0.20	
680506		18.9											0.20	
680401		14.4				0.000							0.20	
680304		3.9				0.010							0.20	
680205		5.6				0.006							0.20	
680108		0.0				0.011							0.00	
671204						0.000							0.10	
671106						0.005							0.10	
671007						0.000								
671002													0.20	
670911													0.20	
670807													0.30	
670710		25.0											0.10	
670605						0.006							0.10	
670501		12.8				0.003							0.50	
670403						0.003							0.20	
670306		2.8		7.5		0.009					28		0.40	
670206		2.8				0.001							0.20	
670103		2.2		7.6		0.008					27		0.10	
661205		6.1				0.010							0.20	
661107		10.0				0.000							0.10	
661003						0.000								
660905													0.10	
660801						0.000							0.00	
660705		27.8											0.00	
660404		8.9				0.008							0.20	
660307						0.001								
660207		0.6				0.035							0.20	
660103		4.4				0.000							0.20	
651206		6.7				0.024							0.30	

I 81 MISSISSIPPI RIVER
CAPE GIRARDEAU WATER INTAKE AT CAPE PARK --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MDAS (MG/L)	TURBID-ITY UNITS
651101		15.6				0.000								
650802		27.2				0.003								
650706				7.8		0.003					12			2000
650607		22.2		7.4		0.002							0.00	
650501		14.4		7.2		0.004					12		0.00	400
650405		6.1				0.030							0.20	
650301		2.8				0.010							0.60	
650201		0.0				0.004							0.20	
650104		3.3				0.000							0.40	
641207		3.3		7.6		0.021							0.20	
641109		15.6				0.000							0.20	
641005		19.4		7.6		0.000							0.60	
640908		24.4				0.008							0.30	
640803		30.6				0.020							0.10	
640706		28.3				0.006							0.10	

I 81 MISSISSIPPI RIVER
CAPE GIRARDEAU WATER INTAKE AT CAPE PARK --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740327		24								0.01		0.4	260	159
740213		0	0.000			0.02		4.6	0.00	0.04	0.1	0.3	284	154
740117		22								0.06		0.3	299	197
731211		40								0.04		0.2	190	131
731114		0								0.01		0.4	265	174
731016		42								0.02		0.3	221	156
730912		19								0.11		0.2	245	154
730814		0	0.000			0.03		2.9	0.05	0.00	0.1	0.3	272	172
730719														177
730518														138
730220	2											0.2		128
721207	2												240	184
721122	2												190	151
721017			0.000	0.00	0.00	0.12	0.000	2.4	0.02	0.22	0.0	0.2		
720809			0.000	0.00	0.00	0.03	0.000	6.1	0.02	0.50	0.0	0.2		
720501			0.000	0.00	0.00	0.08	0.000	5.3	0.07	0.38	0.0	0.2		
711206		10												142
711109		15												148
711012		17												156
710503														130
710405														164
710301														104
700706														158
690804			0.000					0.0	0.00			0.3		
690707			0.000					0.0	0.00			0.0		104
690602														152
690407														128
690303														152
680304														172
670306														160
670103														172
650706														114
650501														106

I 81 MISSISSIPPI RIVER
CAPE GIRARDEAU WATER INTAKE AT CAPE PARK --CONTINUED

DATE	ORGANIC NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOD (MG/L)	COLOR UNITS
740327	0.5	0					0.04						299	
740213	0.8	0	0.021			0.00	0.07	0.0		0.00			308	
740117	0.8	0					0.05						344	

1 81 MISSISSIPPI RIVER
CAPE GIRARDEAU WATER INTAKE AT CAPE PARK --CONTINUED

DATE	ORGANIC NITROGEN (MG/L)	SUSPENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROMIUM (MG/L)	DISSOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOD (MG/L)	COLOR UNITS
731211	0.9	0					0.21						231	
731114	0.8	0					0.04						328	
731016	1.8	1095					0.01						276	
730912	0.9	301					0.05						340	
730814	0.0	211	0.005			0.00	0.15	0.0		0.01			345	
730719	0.9													
730621	0.9													
730524	0.0													
730220	0.3													
721207	1.2						20.00							20
721122	0.0						39.99							30
721017			0.000	0.0	0.2			0.0	0.0	0.00	0.000			
720925								0.0						
720809			0.000	0.1	0.2	0.00			0.0	0.00	0.000			
720712								0.0						
720501				0.0					0.0		0.000			

18 01 SEXTON CREEK
ROUTE 3 BRIDGE AT GALE
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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBIDITY UNITS
740912		22.8	6.2	7.2	0.290	0.000	160	0.12	0.1	350			0.10	
740819		26.7	1.4	7.3	0.120	0.010	190	0.45	0.2	317	7	15	0.10	
740722		27.2	0.9	7.4	0.350	0.015	100	0.28	0.1	600			0.10	
740619		21.7	4.4	7.2	0.160	0.005	130	0.20	0.4	250			0.60	
740514		20.6	7.1	7.8	0.170	0.000	20	0.10	0.2	400	6	18	0.20	
740424		15.0	7.1	7.3	0.230	0.005	940	0.25	0.3	183			0.00	
740325		5.6	11.7	7.6	0.120	0.000	230	0.05	0.2	217			0.10	
740206		6.1	9.8	7.3	0.150	0.000	90	0.10	0.4	167	3	23	0.20	
740121		2.8	9.9	7.1	0.520	0.005	1700	0.35	0.6	133			0.20	
731213		5.0	9.5	7.4	0.280	0.005	210	0.15	0.2	217			0.10	
731107		8.9	7.8	7.7	0.130	0.005	30	0.10	0.2	510	7	29	0.20	
731024		16.1	4.8	7.5	0.200	0.005	320	0.00	1.4				0.20	
730927		20.0	8.0	8.0	0.240	0.005	470	0.25	0.0	500			0.10	
730806		26.1	6.7	7.7	0.240	0.005	3800	0.30	1.0	433			0.20	
730723		27.8	4.2	7.6	0.260	0.000	1300	0.80	0.3	450			0.30	
730702		24.4	2.5	7.9	0.240	0.010	100	0.35	0.0	350			0.60	
730404		10.0	8.1	7.8	0.210	0.016	100	0.45	1.7	317			0.40	
730321		9.4	7.6	7.5	0.190	0.000	200	0.50	0.3	217			0.40	
730226		7.8	9.3	7.8	0.150	0.000	20	0.40	0.4	400			0.20	
730109		0.0	11.2	7.4	0.280	0.000	340	0.45	0.2	200			0.30	
730104		4.4	10.3	7.6	0.310	0.010	500	0.22	0.4	233			0.30	
721116		7.8	7.7	7.4	0.250	0.008	3900	0.24	0.3	133			0.40	
721017		17.2	6.0	7.7	0.100	0.000	50	0.15	0.2	417			0.30	
720925		20.6	4.8	7.4	0.100	0.007	440	1.00		383			0.20	
720809		20.0	6.1	7.9	0.240	0.005	300	0.15	1.0	367			0.40	
720724		28.9	6.0	7.2	0.110	0.000	260	0.10	0.4	417	12	55	0.20	25
720720		27.8	3.2	7.5	0.120	0.000	690	0.85	0.4	267			0.30	
720712		25.6	4.3	8.2	0.060	0.000	2500	0.20	0.0	367			0.20	
720531		21.7	5.3	8.1	0.060	0.000	10	0.90	0.0	567			0.20	
720501		17.2	5.4	7.5	0.080	0.000	700	0.13	0.3	167			0.30	
720313		7.8	8.3	7.7	0.450	0.005	80	0.30	0.9	312			0.39	70
720111		5.0	11.4	7.3	0.080	0.000	80	0.25	0.6	280				
711109		8.3	8.2	7.5	0.098		220	0.10	0.0					25
711013		15.6	6.3	7.7	0.065		400	1.00	0.0					95
590715		25.6	7.8	8.3							8		0.00	17

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740819			0.000	0.00	0.00	0.00	0.000	1.8	0.03	2.60	0.0	0.0		
740514			0.000	0.00	0.00	0.27	0.000	1.6	0.18	1.03	0.1	0.1		
740206			0.000	0.00	0.00	0.00	0.000	2.2	0.01	0.12	0.0	0.1		
731107			0.000	0.00	0.00	0.00	0.000	1.0	0.01	1.00	0.0	0.1		
720724			0.000	0.00	0.00	0.13	0.000	0.7	0.13	0.44	0.0	0.2		
711109		13												
711013		4												
590715	5												256	244

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

DATE	ORGANIC NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOD (MG/L)	COLOR UNITS
740819			0.000	0.0	0.0			0.6	0.0	0.00	0.000			
740514			0.001	0.1	0.2			0.0	0.0	0.00	0.000			
740206			0.000	0.0	0.1			0.0	0.0	0.00	0.000			
731107			0.000	0.2	0.0			0.0	0.0	0.00	0.000			
720925								0.0						
720809								0.0						
720724			0.000	0.0	0.1	0.00		0.0	0.0	0.00	0.000			

II 01 MARYS RIVER
ROUTE 4 - 150 BRIDGE 0.5 MI WEST OF STEELVILLE
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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		17.8	2.3	7.5	0.120	0.010	17300	0.25	1.0	833			0.20	
740808		20.0	2.2	7.8	0.130	0.010	390	0.05	1.8	1467			0.40	
740722		21.1	1.7	7.8	0.190	0.010	30	0.05	0.7	1350	10	415	0.10	
740611		21.1	7.6	7.6	0.580	0.010	5100	0.20	2.1	433			0.60	
740509		15.6	8.3	6.7	0.900	0.000	300	0.15	1.5	900			0.30	
740415		6.7	11.2	8.0	0.170	0.000	40	0.10	3.0	400			0.30	
740219		3.3	10.2	7.8	0.420	0.010	3000	3.00	1.5	1350			0.40	
740128		5.6	10.8	7.3	0.350	0.010	3500	1.80	0.5	550			0.20	
740103			12.9	7.3	0.260	0.005	40	1.80	0.9	1067	17	435	0.40	
731115		8.9	3.4	7.5	0.180	0.015	200	0.20	0.2	740			0.30	
731023		20.6	4.5	7.4	0.080	0.010	560	0.34	0.6				0.50	
730926		20.0	5.5	7.5	0.200	0.010	1200	0.15	0.5	717			0.60	
730906		22.8	3.1	7.5	0.120	0.000	2100	0.35	0.1	750			0.50	
730712		26.1	5.0	7.6	0.160	0.020	800	0.60	2.8	1117			1.30	
730627		25.6	3.8	7.4	0.160	0.010	1400	5.50	1.4	933			1.20	
730517		13.9	7.5	7.6	0.040	0.007	2000	11.00	2.7	1083			0.60	
730403		9.4	9.3	7.7	0.100	0.007	800	0.75	0.5	567			0.40	
730315		13.3	7.4	7.1	0.270	0.012	3700	1.80	0.5	400			0.40	
730222		1.7	12.1	7.9	0.090	0.007	160	10.00	0.7	1633			0.50	
730110			12.6	7.5	0.040	0.000	40	6.80	1.2	1150			0.70	
721129		3.3	11.0	7.4		0.006	160	13.00	1.0	1167			0.70	
721101		11.7	5.3	7.4	0.620	0.013	46000	7.00	0.6	633			0.50	
721016		14.4	5.2	6.8	0.340	0.000	700	2.20	0.7	817			0.60	
720914		22.2	1.8	7.6	0.150	0.000	1800	0.34	0.1	617	26	180	0.60	
720821		24.4	2.7	7.0	0.150	0.005	620	0.60	1.1	1033			1.00	
720629		21.7	5.8	8.1	0.050	0.000	560	0.20	0.2	1200			1.40	
720530		20.0	3.5	7.8	0.210	0.015	120000	0.38	2.0	717	23	140	0.80	200
720502		15.6	6.7	7.0	0.010	0.010	3500	4.20	0.7	817			0.40	
720411		8.9	7.4	7.7	0.040	0.000	210	0.22	1.2	1133			0.70	
720308		3.9	12.2	8.4	0.050	0.000	190	0.50	0.8	1200	24	350	0.60	15
720111		3.9	12.7	7.6	0.080	0.000	100	7.10	1.2	1357				
711213		7.2	7.3	7.2	0.196		1000	1.60	0.2					50
711101		17.2		8.1					0.0					
711004			2.5	7.6	0.098		1000	0.60	0.0					55

II 01 MARYS RIVER
ROUTE 4 - 150 BRIDGE 0.5 MI WEST OF STEELVILLE --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
710927		22.2	7.0	7.9	0.065		1000	1.70	0.0					70
710920			5.9	7.4	0.359		0	1.00	0.0					80
700921			6.0	6.6					0.0				0.10	35
700708			8.0	7.7					0.0		22	300	0.20	50
700406			10.8	7.6					0.0		28	340	0.10	25
700106			11.3	7.5					0.0		36	420	0.10	25
691008			4.9	7.5					0.0		34	270	0.10	50
690804			5.2	7.5					0.2		21	320	0.20	25
690401			11.0	7.3					0.5		18	280	0.10	30
690115			10.7	7.2					0.0		31	470	0.50	25
680930			8.2	7.3					0.2				0.20	25

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722			0.000	0.00	0.00	0.00	0.000	1.3	0.01	1.59	0.0	0.3		
740103			0.000	0.00	0.00		0.000	1.7	0.18	1.40	0.1	0.3		
720914			0.005	0.00	0.00	0.07	0.000	2.2	0.00	1.60	0.0	0.2		
720530			0.000	0.00	0.00	0.35	0.000	7.6	0.10	1.00	0.1			
720308						0.12	0.000	0.7		0.64		0.3		
711213		15												
711004		46												
710927		30												
710920		42												
700921		16												
700708		22											308	110
700406		8											410	138
700106		16											490	152
691008		22											380	138
690804		18	0.000					0.0	0.00			0.0	388	122
690401		23											308	108
690115		23											496	174
680930		16												

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

DATE	ORGANIC NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740722			0.000	0.0	0.2			0.3	0.0	0.00	0.000			
740103			0.000	0.0	0.1	0.12		0.0	0.0	0.00	0.000			
720914			0.000	0.0	0.4			0.2	0.0	0.00	0.000			
720821								0.5						
720530				0.0					0.0		0.000			
720308							0.33							

II 02 MARYS RIVER
ROUTE 154 BRIDGE 3 MI SOUTHEAST OF SPARTA
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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740916		17.2	5.0	7.0	0.090	0.010	260	0.64	0.6	483			0.10	
740807		21.1	2.0	7.5	0.150	0.005	310	0.25	0.5	333			0.20	
740722		21.1	1.0	6.6	0.180	0.015	330	0.70	1.4	333	10	50	0.20	

II 02 MARYS RIVER
ROUTE 154 BRIDGE 3 MI SOUTHEAST OF SPARTA --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740611		20.6	7.7	7.6	0.650	0.010	6300	0.20	2.1	433			0.60	
740509		14.4	9.2	7.7	0.820	0.005	20000	0.30	1.5	767			0.50	
740219		3.9	11.0	7.4	0.220	0.010	4500	2.50	0.7	1233			0.30	
740128		5.6	10.2	6.2	0.190	0.010	400	12.00	0.7	933	19	390	0.20	
740107			12.0	7.6	0.360	0.005	20	0.00	0.8	1467				
731115		9.4	0.7	7.0	0.480	5.000	200	0.20	0.0	420			0.40	
731023		15.6	2.6	7.1	0.200	0.010	100	0.70	0.2		13	110	0.30	
730926		19.4	2.5	7.2	0.100	0.015	190	2.10	0.0	500			0.40	
730905		22.8	0.1	7.0	0.240	0.020	250	1.00	0.1	517			0.30	
730712		26.1	3.5	6.6	0.340	0.020	1200	8.00	2.1	540			0.50	
730627		25.6	4.1	7.4	0.060	0.010	1600	49.00	0.8	2330			0.70	
730517		13.9	9.2	7.5	0.300	0.007	810	45.00	0.6	2167			0.40	
730403		10.6	10.1	7.7	0.070	0.000	640	2.20	0.3	800			0.40	
730315		13.3	8.8	5.8	0.060	0.008	100	14.00	0.5	1050			0.40	
730222		0.6	12.9	7.7	0.090	0.000	110	6.80	0.9	1483			0.40	
730122		4.4	11.1	7.0	0.170	0.014	910	2.50	0.7	383			0.30	
721129		1.7	12.3	7.2		0.010	540	100.00	1.0	2500			0.60	
721101		11.7	3.8	7.2	0.760	0.019	110000	0.65	0.3	300			0.50	
721016		13.3	2.3	7.6	0.170	0.300	350	2.50	0.2	400	16	58	0.60	
720914		22.2	2.6	7.4	0.200	0.010	1200	1.80	0.0	617			0.40	
720821		23.3	0.7	7.2	0.130	0.005	690	0.79	0.1	317	11	85	0.50	50
720629		21.7	4.8	7.8	0.040	0.010	80	0.33	0.2	1650	55	580	1.00	15
720531		19.4	3.0	7.7	0.030	0.015	300	0.50	0.7	1667			0.50	
720502		15.6	7.6	7.6	0.340	0.015	7900	1.60	0.4	767			0.40	
720411		8.9	10.0	7.6	0.010	0.000	330	0.16	0.2	1833	44	74	0.55	10
720308		3.9	8.4	8.3	0.030	0.300	30	0.20	1.6	617	33	76	0.60	180
720209		0.6	9.4		0.450	0.017	310			617	31	315	0.95	
720111		3.3	11.6	7.4	0.090	0.010	320	22.00	0.5	2567				
711213		6.7	5.4	7.3	0.098		10	40.00	0.2					30
640323			9.4	6.4								154	0.10	75
630520			8.6	4.4							12	165	0.00	40

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722			0.000	0.00	0.00	0.00	0.000	3.4	0.06	1.42	0.0	0.3		
740128			0.000	0.00	0.02	0.04	0.000	18.0	0.02	1.37	0.4	0.2		
731023			0.000	0.00	0.00	0.00	0.000	2.5	0.01	1.00	0.0	0.3		
721016			0.000	0.00	0.00	0.10	0.000	5.8	0.03	1.60	0.0	0.4		
720821			0.000	0.00	0.00	0.10	0.000	2.9	0.03	1.86	0.0	0.3		
720629			0.000	0.00	0.00	0.06	0.000	1.4	0.11	4.80	0.0	0.4		
720411			0.000	0.00	0.00	0.17		0.8	0.15	1.10	0.1	0.2		
720308						0.16	0.000	7.2		0.36				
720209		20	0.000	0.00	0.00	0.04	0.000	2.0	0.12	23.00	0.2	0.2		
711213		15												
640323	3							25.0						80
630520	1												244	

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

DATE	ORGANIC NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOE (MG/L)	COLOR UNITS
740722			0.000	0.0	0.1			0.3	0.0	0.00	0.000			
740128			0.000	0.2	0.2			0.0	0.1	0.00	0.000		650	
731023			0.000	0.0	0.1			0.0	0.0	0.00	0.000			
721016			0.000	0.1	0.2			0.0	0.0	0.00	0.020			
720914								0.0						
720821			0.000	0.1	0.3	0.00			0.0	0.00	0.000			
720629				0.0		0.00			0.0		0.000			

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

DATE	ORGANIC NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
720411				0.0					0.0		0.000			
720308							0.13							
720209						0.00	0.85		0.1			720		

II 03 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/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MDAS (MG/L)	TURBID-ITY UNITS
740916		18.3	7.8	7.8	0.190	0.010	3300	0.07	1.0	1833			0.20	
740807		18.3	1.3	7.7	0.230	0.000	450	0.25	0.6	3333			0.20	
740722		22.2	1.4	7.7	0.410	0.015	480	0.07	1.3	1833			0.20	
740625		21.1	8.0	7.7	0.160	0.005	1000	0.20	1.0	2167			0.50	
740523		16.7	9.8	7.6	0.500	0.600	500	0.40	0.8	567	75	78	0.40	
740219		3.9	10.1	8.0	0.260	0.005	3300	1.20	0.6	1667	17	640	0.20	
740128		3.9	11.0	7.4	0.610	0.010	15000	1.00	0.5	633			0.30	
740103			12.3	7.6	0.350	0.005	2700	1.00	0.9	1400			0.40	
731115		8.9	3.2	7.8	0.280	0.010	600	0.15	0.4	2510	28	23	0.30	
731023		12.8	6.6	7.9	0.200	0.005	600	0.18	0.7				0.50	
730926		23.6	4.9	7.8	0.220	0.000	820	0.20	0.4	4667			0.40	
730906		22.8	4.9	7.9	0.200	0.005	790	0.35	0.6	4667			0.20	
730724		27.2	4.4	7.9	0.160	0.000	410	0.20	0.3	3333			0.40	
730627		25.0	4.4	7.9	0.180	0.005	380	0.30	1.3				0.70	
730517		17.2	7.4	7.8	0.110	0.005	1500	2.20	2.5	1833			0.60	
730403		10.6	9.0	7.8	0.130	0.007	1100	1.00	0.5	717			0.40	
730315		12.8	6.4	7.3	0.340	0.010	5600	1.50	0.5	533			0.40	
730222		1.7	11.9	7.8	0.150	0.000	120	2.60	0.9	1533			0.50	
730110			12.8	7.8	0.120	0.000	1100	0.98	1.0	1833			0.60	
721129		3.3	11.1	7.7		0.000	550	1.70	1.0	1617			0.50	
721101		12.8	6.8	7.4	0.720	0.010	69000	0.45	1.6	417			0.60	
721016		13.9	5.5	7.8	0.130	0.000	500	0.10	0.4	2500			0.50	
720914		22.2	3.6	7.4	1.430	0.000	920	0.18	0.3	2167			0.40	
720821		24.4	4.2	7.3	0.580	0.005	4600	1.00	0.8	2500			0.80	
720629		21.7	10.3	8.3	0.120	0.005	330	0.20	0.0	3333			1.30	
720530		20.6	3.6	7.9	0.120	0.000	600	0.38	0.5	2500	33	980	0.05	40
720502		16.1	6.1	7.7	0.060	0.010	8900	0.46	0.9	917			0.60	
720411		7.8	8.3	8.0	0.110	0.000	40	0.10	0.6	2067			0.57	
720308		4.4	10.5	8.3	0.050	0.000	730	0.40	0.5	2733		810	0.60	10
720209		0.6	9.4		10.160	0.017	450			900	118	975	1.30	
720111		4.4	12.6	7.6	0.180	0.000	2000	0.55	0.9	1850				
711213		7.8	7.4	7.2	0.196		520	1.00	0.2					45
711101		17.2		7.7	0.620				0.0					
711004			2.7	7.4	0.196		1000	0.80	0.0					45
710927		22.2	7.0	7.7	0.294		0	0.40	0.0					40
710920			5.6	7.2	0.326		0	0.10	0.0					65
700921			5.0	7.3					0.0		20	1300	0.10	45
700708			6.4	7.7					0.0		25	1400	0.10	25
700406			10.6	7.8					0.0		22	620	0.10	25
700106			12.9	7.6					0.0		30	740	0.10	25
691008			6.1	7.6					0.2		18	480	0.00	110
690804			6.4	7.7					0.0		19	1000	0.20	25
690401			11.8	7.5					0.2		22	500	0.10	55
690115			12.7	7.6					0.2		20	830	0.30	25
680930			6.3	7.7					0.2		20	1200	0.20	30

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740523			0.000	0.00	0.00	0.00	0.000	5.2	0.01	0.59	0.4	0.2		

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740219			0.000	0.00	0.00	0.00	0.000	2.0	0.01	1.05	0.1	0.3		
731115							0.000					0.5		
720530			0.000	0.00	0.00	0.53	0.000	2.1	0.06	1.36	0.1	0.4		
720209		36	0.000	0.00	0.00	0.05	0.000	0.4	0.09	19.20	0.1	0.3		
711213		15												
711101		25												
711004		40												
710927		15												
710920		30												
700921		16											800	108
700708		15											1140	190
700406		11											630	172
700106		14											710	196
691008		26											436	114
690804		16	0.000					0.0	0.00			0.0	860	176
690401		20											530	146
690115		12											780	208
680930		15											860	34

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

DATE	ORGANIC NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740722													1650	
740625													2100	
740523			0.000	0.0	0.2			0.2	0.0	0.00	0.000			
740219			0.001	0.0	0.2			0.2	0.0	0.00	0.000		1400	
731115					0.4								2310	
731023													2300	
720914								0.2						
720821								0.0						
720530				0.0					0.0		0.000			
720209						0.00	0.28		0.1			200		

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740916		17.2	8.3	7.6	0.190	0.010	2700	0.07	0.3	767	5	200	0.10	
740807		20.0	2.0	8.1	0.730	0.000	110	0.15	0.1	2500			0.20	
740722		22.2	2.3	7.8	0.150	0.010	0	0.05	1.0	583			0.30	
740625		20.6	12.9	7.9	0.180	0.005	290	0.10	1.9	600	23	60	0.50	
740523		16.7	8.7	7.9	0.080	0.300	3500	0.10	1.8	383			0.30	
740415		6.7	8.0	7.7	0.620	0.010	660	0.30	0.8	400			0.20	
740219		3.3	10.9	7.9	0.280	0.010	2500	0.20	0.8	800			0.10	
740128		4.4	11.6	7.6	0.560	0.010	5500	0.20	0.6	450			0.30	
740103			13.3	7.7	0.260	0.005	120	0.20	0.9	883	10	225	0.40	
731115		9.4	5.3	7.8	0.160	0.010	100	0.00	0.2	1000			0.20	
731023		12.8	8.5	7.7	0.060	0.005	400	0.11	0.4				0.20	
730926		20.6	6.9	7.7	0.220	0.005	1900	0.20	0.4	1200			0.20	
730906		22.8	4.6	7.9	0.120	0.000	250	0.40	0.4	3667			0.10	
730724		26.7	4.9	7.6	0.220	0.000	3200	0.30	0.3	583			0.30	
730627		24.4	6.2	7.9	0.160	0.005	470	0.10	0.6	783			0.30	
730517		17.8	11.2	8.0	0.040	0.007	90	0.15	0.8	817			0.30	
730403		10.6	10.0	8.0	0.050	0.000	200	1.20	0.5	617			0.30	
730315		12.2	8.7	7.8	0.400	0.008	1700	0.98	0.6	350			0.30	
730222		1.7	12.9	8.0	0.090	0.000	90	0.27	0.9	750			0.30	
730110		0.0	13.4	7.8	0.050	0.000	40	0.42	1.4	800			0.60	
721129		2.2	11.9	7.7		0.000	260	0.15	0.9	667			0.40	

II 04 MARYS RIVER
EAST WEST TOWNSHIP ROAD BRIDGE 3 MI EAST OF CHESTER --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
721101		12.8	7.7	7.6	0.760	0.019	68000	0.40	1.3	250			0.50	
721016		15.6	5.1	7.6	0.090	0.000	600	0.10	0.1	450			0.40	
720914		21.7	2.6	7.4	0.260	0.010	4700	0.18	0.1	367	11	42	0.50	
720821		24.4	4.3	7.0	0.190	0.005	930	0.19	0.0	483	10	75	0.40	45
720629		21.1	4.0	7.8	0.060	0.005	2800	0.17	0.0	850			0.60	
720530		21.1	3.9	7.9	0.040	0.000	10	0.34	0.2	867			0.30	
720502		15.6	7.4	7.9	0.030	0.010	10000	0.10	0.4	650	14	360	0.30	75
720411		7.8	8.5	7.8	0.010	0.000	40	0.08	0.0	917			0.20	
720308		3.9	11.8	8.3	0.030	0.000	260	0.10	0.2	873	13	120	0.20	15
720111		3.9	12.8	7.4	0.160	0.000	190	0.30	0.6	1733				

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740916			0.000	0.00	0.00	0.00	0.000	1.3	0.01	0.50	0.1	0.3		
740625			0.000	0.00	0.00	0.05	0.000	5.7	0.02	0.37	0.0	0.2		
740103			0.010	0.00	0.00	0.00	0.000	0.9	0.01	0.90	0.0	0.2		
720914			0.000	0.00	0.02	0.12	0.000	5.2	0.03	2.30	0.0	0.2		
720821			0.000	0.00	0.00	0.11	0.000	2.7	0.00	1.64	0.0	0.2		
720502			0.000	0.00	0.00	0.08	0.000	3.4	0.09	0.40	0.0	0.2		
720308						1.40	0.000	0.6		0.36				

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

DATE	ORGANIC NITRO-GEN (MG/L)	SUS-PENDEL SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740916			0.000	0.3	0.2			0.0	0.0	0.00	0.000			
740625			0.000	0.0	0.1			0.0	0.0	0.00	0.000			
740103			0.000	0.0	0.0			0.0	0.0	0.00	0.000			
720914			0.000	0.0	0.2			0.3	0.0	0.00	0.000			
720821			0.000	0.2	0.0	0.00			0.0	0.00	0.000			
720502				0.0					0.0		0.000			
720308							0.15							

IX 01 CACHE RIVER
BRIDGE EAST OF CACHE
LAB:

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711109		8.3	9.1	7.6	0.131		90	0.00	0.0					25
711013		14.4	7.9	7.8	0.098		100	0.50	0.0					75
590714		23.3	6.9	8.3							9		0.00	22

IX 01 CACHE RIVER
BRIDGE EAST OF CACHE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711109		8												

IX 01 CACHE RIVER
BRIDGE EAST OF CACHE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711013		12												
590714	3												216	240

IX 02 CACHE RIVER
ROUTE 3 BRIDGE 1 MI SOUTHEAST OF CACHE
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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740912		23.3	6.6	7.1	0.260	0.005	170	0.15	0.2	300			0.20	
740819		25.0	3.3	7.6	0.230	0.010	80	0.18	0.5	433			0.10	
740722		28.3	1.3	7.1	0.350	0.005	40	0.25	6.5	533	5	30	0.30	
740619		22.2	4.9	7.1	0.200	0.005	50	0.25	0.4	233			0.40	
740514		20.0	6.6	7.5	0.210	0.005	290	0.20	0.4	300			0.20	
740424		15.6	7.1	7.4	0.240	0.005	1400	0.15	0.1	217	6	20	0.10	
740325		6.1	10.2	7.5	0.160	0.005	880	0.10	0.5	217			0.20	
740206		6.1	9.2	7.3	0.190	0.005	10	0.25	0.6	200			0.30	
740121		4.4	10.4	7.0	0.160	0.010	260	0.25	0.7	158	6		0.20	
731213		8.9	8.0	7.2	0.260	0.010	150	0.15	0.1	142			0.20	
731107		11.1	7.3	7.7	0.130	0.005	40	0.10	0.4	440			0.20	
731024		15.0	3.9	7.3	0.160	0.005	1600	0.25	0.5		5	10	0.20	
730927		20.6	6.0	7.9	0.240	0.000	230	0.10	0.2	500			0.00	
730806		26.1	7.3	7.6	0.240	0.000	100	0.20	0.5	283			0.10	
730723		27.8	6.2	7.7	0.280	0.000	100	0.15	0.3	383	8	16	0.30	
730618		25.6	2.9	7.3	0.300	0.000	100	0.50	0.2	200			0.40	
730515		17.2	5.5	7.3	0.140	0.005	20	0.33	0.5	167			0.30	
730404		12.2	8.6	7.8	0.160	0.000	100	0.33	1.0	350	16	46	0.50	
730321		9.4	8.2	7.8	0.210	0.007	300	0.51	1.7	333			0.50	
730226		7.2	9.7	7.7	0.180	0.000	180	0.35	0.5	283			0.30	
730109		0.0	10.6	7.4	0.290	0.007	260	0.48	0.0	150	7	27	0.30	
730104		4.4	9.2	7.6	0.240	0.008	100	0.22	0.7	283			0.40	
721116		7.8	7.6	7.5	0.590	0.013	9300	0.30	0.5	133			0.40	
721017		16.7	7.1	7.9	0.110	0.000	110	0.13	0.2	417	8	18	0.30	
720925		20.6	3.1	7.3	0.270	0.009	2300	0.23	0.9	250			0.40	
720809		23.3	5.1	7.7	0.230	0.000	120	0.22	0.3	208	5	12	0.20	32
720712		25.6	8.1	8.3	0.070	0.000	240	0.20	0.0	333			0.20	
720531			0.5	8.0	0.080	0.000	1000	0.44	0.4	300			0.40	
720501		17.2	4.4	7.3	0.150	0.010	100	0.13	0.3	110	5	25	0.20	
720410		7.8	7.7	7.6	0.140	0.000	690	0.08	0.2	280			0.29	
720307		6.1	9.1	7.3	0.210	0.000	630	0.40	0.6	138	5	32	0.20	170
720202		2.8	12.1	7.4	0.120	0.008	450	0.30	2.0	263	11	32	0.40	25

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722			0.000	0.00	0.00	0.02	0.000	1.5	0.02	1.75	0.0	0.3		
740424			0.000	0.00	0.00	0.30	0.000	3.4	0.30	0.46	0.1	0.1		
740121			0.000	0.00	0.00	0.00	0.000	1.7	0.01	0.10	0.1	0.1		
731024			0.000	0.00	0.00	0.00	0.000	2.0	0.01	0.35	0.0	0.2		
730723			0.000	0.00	0.00	0.00	0.000	2.9	0.01	1.50	0.0	0.2		
730404			0.000	0.00	0.00	0.07		1.1	0.04	0.05	0.0	0.2		
730109			0.000	0.00	0.00	0.13	0.000	4.6	0.01	0.10	0.0	0.1		
721017			0.000	0.00	0.00	0.10	0.000	0.9	0.03	0.72	0.0	0.2		
720809			0.000	0.00	0.00	0.17	0.000	1.9	0.03	0.54	0.0	0.2		
720501			0.000	0.00	0.00	0.10	0.000	5.2	0.06	0.17	0.0	0.0		
720307						0.18	0.000	9.3		0.16		0.1		
720202							0.000	1.2		0.22		0.1		

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

DATE	ORGANIC NITRO-GEN (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	BOE (MG/L)	COLOR UNITS
740722			0.000	0.1	0.1			0.0	0.0	0.00	0.000			
740424			0.000	0.0	0.2			0.0	0.0	0.00	0.000			
740121			0.000	0.0	0.1			0.0	0.0	0.00	0.000			
731024			0.000	0.0	0.0			0.4	0.0	0.00	0.000			
730723			0.000	0.0	1.1				0.0	0.00	0.000			
730404			0.000	0.0	0.2			0.0	0.0	0.00	0.000			
730109								0.2						
721017			0.000	0.1	0.1			0.0	0.0	0.00	0.000			
720925								0.0						
720809			0.000	0.0	0.2	0.00			0.0	0.00	0.000			
720712								0.0						
720501				0.0					0.0		0.000			
720307							3.90							
720202							0.56							

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)	TURBID-ITY UNITS
740916		18.3	6.7	7.4	0.300	0.015	1300	0.13	0.3	217			0.10	
740820		26.1	2.2	7.9	0.200	0.000		0.08	0.4	383	5	10	0.10	
740722			2.4	8.0	0.220	0.015	270	0.06	1.5	417			0.20	
740628		22.8	6.5	7.5	0.250	0.005	500	0.20	0.8	300			0.40	
740514		21.1	6.0	7.7	0.220	0.005	270	0.15	0.4	283	7	18	0.40	
740424		16.7	8.4	7.7	0.230	0.010	2700	0.15	0.3	233			0.30	
740325		7.2	11.2	7.4	0.180	0.005	1800	0.15	0.4	217			0.20	
740206		5.0	9.5	7.1	0.200	0.005	70	0.20	0.4	183	6	22	0.20	
740121		3.3	9.7	7.0	0.560	0.010	5200	0.40	0.5	133			0.30	
731213		4.4	8.0	7.1	0.220	0.010	270	0.20	0.3	267			0.20	
731107		6.7	11.3	7.9	0.130	0.005	210	0.00	0.4	380	7	16	0.20	
731024		18.3	9.2	7.8	0.160	0.005	500	0.15	0.7				0.20	
730927		20.6	5.9	7.9	0.180	0.005	230	0.10	0.2	433			0.20	
730806		27.2	7.6	7.6	0.320	0.005	1000	0.25	0.3	200			0.20	
730723		27.8	3.9	7.5	1.400	0.010	20000	0.65	1.2	217			0.30	
730618		25.6	3.4	7.2	0.340	0.000	1300	0.50	0.2	142			0.20	
730515		15.6	4.5	7.2	0.180	0.008	200	0.38	0.2	150			0.30	
730404		13.3	7.8	7.5	0.160	0.007	200	0.43	0.3	167			0.20	
730321		6.7	8.3	7.4	0.320	0.007	2100	0.49	0.6	167			0.30	
730226		7.2	10.2	7.7	0.120	0.000	110	0.25	0.6	250			0.30	
730109		0.6	10.0	7.3	0.200	0.000	170	0.31	0.6	200			0.40	
730104		5.0	10.5	7.4	0.590	0.008	2200	0.35	0.1	138			0.30	
721116		6.1	6.1	7.2	0.300	0.015	1300	0.34	0.5	150			0.40	
721017		12.8	7.6	7.9	0.260	0.000	140	0.15	0.0	383			0.40	
720925		21.1	5.3	7.4	0.270	0.013	4000	0.23	0.4	233			0.40	
720809		18.3	6.6	7.0		0.005	44000	0.45	1.8	160			0.20	
720724		26.1	3.4	6.8	0.110	0.010	280	0.22	0.2	167			0.20	
720720		26.1	3.3	7.1	0.320	0.020	840	0.85	0.5	125			0.30	
720712		23.9	5.0	8.1	0.050	0.010	420	0.20	0.0	250			0.20	
720531		21.7	7.9	8.1	0.040	0.000	280	0.24	0.4	383	8	13	0.30	60
720501		17.2	4.6	7.4	0.100	0.010	400	0.14	0.2	132			0.20	
720410		7.2	9.0	7.8	0.020	0.000	70	0.13	0.5	317			0.38	
720307		6.1	7.7	7.2	0.390	0.000	220	0.30	0.6	140	6	22	0.30	190
720202		2.8	12.3	7.3	0.090	0.000	240	0.30	1.1	278	14	35	0.40	25

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740820			0.000	0.00	0.00	0.25	0.008	1.7	0.01	0.65	0.0	0.1		

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
740514			0.000	0.00	0.00	0.30	0.000	3.2	2.00	0.83	0.1	0.1		
740206			0.000	0.00	0.00	0.00	0.000	3.2	0.02	0.20	0.0	0.1		
731107			0.000	0.00	0.00	0.07	0.000	1.2	0.01	0.37	0.0	0.1		
720531			0.000	0.00	0.00	0.12	0.000	3.6	0.05	1.72	0.0	0.2		
720307						0.20	0.000	10.0		0.20				

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

DATE	ORGANIC NITROGEN (MG/L)	SUSPENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROMIUM (MG/L)	DISSOLVED IRON (MG/L)	MERCURY (UG/L)	NICKEL (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740820			0.000	0.0	0.1			0.0	0.0	0.00	0.000			
740514			0.003	0.0	0.1			0.2	0.0	0.00	0.000			
740206			0.000	0.0	0.1			0.2	0.0	0.00	0.000			
731107			0.000	0.0	0.1			0.0	0.0	0.00	0.000			
720925								0.0						
720809								0.0						
720724								0.0						
720531				0.0					0.0		0.000			
720307							1.78							

J 01 MISSISSIPPI RIVER
SHORE 0.5 MI NORTHWEST OF EAST GARONDELET
LAB:

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	NBAS (MG/L)	TURBID-ITY UNITS
711101		18.3	8.0	8.4	0.294		100000	0.10	0.2					80
710927		21.7	7.4	8.2	0.261		120000	1.10	0.2					120
660214				6.3		0.000					22		0.00	850
590706		25.6	4.4	7.9	0.000	0.020					15		0.00	350

J 01 MISSISSIPPI RIVER
SHORE 0.5 MI NORTHWEST OF EAST GARONDELET --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
660214														160
590706														130

J 01 MISSISSIPPI RIVER
SHORE 0.5 MI NORTHWEST OF EAST GARONDELET --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
711101		12												
710927		12												
590706	3											168		

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	NBAS (MG/L)	TURBID-ITY UNITS
740807	116000	23.9	1.6	7.0	0.200	0.005	40	0.22	0.3	417			0.20	
740701	417000	24.4	7.0	7.4	0.470	0.005	610	0.00	3.2	350			0.60	
731015	390000	22.2	3.3	7.5	0.520	0.015	10	0.16	1.7				0.40	
730910	152000	26.1		8.1	0.280	0.000	300	0.05	1.3	500	21	48	0.50	
730828	149000	27.8		8.4	0.200	0.000	10	0.15	1.6	483			0.30	
730709	258000	27.8	4.9	8.0	0.440	0.005	100	0.10	4.2	467			1.20	
730611	404000	23.9	5.7	7.9	0.320	0.000	100	0.10	3.3	433	20	47	0.80	
730514	680000	16.7	7.2	7.9	0.210	0.005	300	0.30	3.5	433			0.80	
730409	692000	8.9	9.8	8.0	0.240	0.008	200	0.36	2.9	417			0.70	
730312	576000	12.2	9.2	7.7	0.550	0.008	200	0.40	2.7	383	11	35	0.60	
730213	278000	3.9		7.9	0.410	0.006	1400	0.75	3.5	417			0.70	
730108	325000	1.1		7.7	1.500	0.008	1200	0.61	3.6	458			0.80	
721212	125000			8.1	0.730	0.000	70	0.20	4.9	617	27	69	1.00	
721113	271000	10.6		7.4	0.390	0.008	4300	0.24	4.4	500			1.00	
721010	235000	18.9	7.4	7.7	0.410	0.000	11000	0.13	3.0	450	17	75	0.90	
720911	183000	23.9		7.9	0.270	0.010	10	0.13	1.9	433	18	59	0.40	40
720814	258000	25.0		7.9	0.370	0.000	250	0.26	2.2	433			0.50	
720713	120000	24.4		7.4	0.160	0.000	10	0.15	1.3	517			0.70	
720612	167000	24.4		7.6	0.130	0.005	10	0.15	2.7	517			0.60	
720508	378000	16.7		8.0		0.000	100	0.08	3.2	417	19	60	0.70	80
720410	216000	8.9		7.9	0.100	0.000	0	0.51	2.8	467			0.75	
720313	147000	8.3		7.6	0.990	0.010	390	1.20	1.8	443	32	55	0.65	35
720110	120000	5.0		7.4	0.300	0.014	250	1.00	2.8	488	26	76	0.60	
711213	149000	8.3		7.4	0.163	0.010	130	0.70	0.2		21	62	0.20	45
711108	151000			7.6	0.131		10000	0.40	0.2			65	0.10	850

J 02 MISSISSIPPI RIVER
EAST ST LOUIS WATER INTAKE NORTH OF CHOUTEAU ISLAND --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711012	98300	17.2		7.7	0.294	0.000	100000	0.30	0.2		20	80	0.00	75
710913	92000	27.2		7.5	0.359	0.025	190	0.40	0.2		20	104		55
710809	104000	26.1		8.1		0.000						90	1.00	50
710714	199000			7.8		0.000					26	50	1.00	130
710614	234000	26.7				0.000						55		
710510	198000	18.3		7.6		0.005						49	0.80	145
710412	259000	13.9				0.000						54	1.90	
710308	253000					0.000						39	1.60	
710209	112000			7.9		0.000					30	58	1.70	200
710208	124000			8.1		0.000					21	98	1.30	190
710111	126000			8.0		0.000						30	1.20	85
701110	200000	14.4		7.9		0.000						31	1.30	
701013	298000	18.3		7.8		0.000						31	1.10	
700914	142000	25.6		7.6		0.000						33	0.70	
700810	258000	24.4		7.4		0.000						33	0.40	
700713	105000	27.8		7.8								85	1.70	
700608	410000	24.4		7.7		0.000						58		
700511	277000	22.2		7.8		0.000						31	1.40	200
700413	199000					0.000						50	1.30	
700309	204000			7.8		0.000						74	1.00	310
700112	71200					0.000						34	0.60	
691208	112000	6.1		8.3		0.000							0.60	
691110	142000	11.1		8.0		0.000						9	0.70	
691014	419000	17.8		7.4		0.000						23	0.50	
690908	150000	26.7				0.000					19	48	0.20	
690811	213000	27.8		7.8		0.000						23	0.70	130
690714	616000	27.8				0.000						19	0.80	
690609	220000	22.8		7.6		0.000						16	0.90	
690512	396000	16.7				0.003					18	39	0.40	200
690414	384000					0.000						47	1.30	
690310	213000					0.000						6	0.80	
690210	321000			7.4		0.000							0.70	
690110	96800			7.7		0.000						6	0.40	
681209	137000			8.1		0.004						20	0.30	
681112	160000			7.8		0.000						9	0.30	
681014	162000	18.9		7.7		0.000						15	0.20	100
680909	97600	22.8		7.9		0.000	9000					11	0.10	
680812	184000	26.7				0.010	1000						0.20	
680610	182000	26.7		7.8		0.004							0.40	
680513	136000	17.8				0.000							0.30	
680408	172000					0.000								
680311	88700					0.000							0.20	
680213	140000					0.010							0.30	
680108	82500					0.005							0.10	
671211	173000					0.000							0.20	
671113	151000	9.4											0.20	
671009	122000	18.9		8.2		0.000								
670911	72700	23.3											0.20	
670814	100000	25.0												
670710	276000	27.8											0.20	
670612	270000	25.0											0.10	
670508	259000	15.6											0.20	
670410	265000	15.6				0.003							0.10	
670313	106000	7.8											0.40	
670215	87100					0.000							0.20	
670110	64900	2.8				0.008							0.20	
661212	100000	6.1				0.010							0.30	
661114	91100	10.0				0.020							0.20	
661010	65600	17.8		8.1							19		0.10	
660912	75700	24.4				0.015							0.10	
660711	106000	30.6				0.001							0.00	
660613	230000	22.8				0.000							0.00	
660509	216000	17.2				0.001							0.20	
660411	230000	9.4				0.006							0.00	
660314	194000	6.7				0.000							0.20	
660214	314000					0.000							0.00	
660110	150000					0.018							0.40	
651213	121000	6.7				0.010							0.20	
651108	134000	13.3				0.019							0.20	
651011	243000	15.6				0.006							0.00	
650913	230000	22.8		8.4		0.004								

J 02 MISSISSIPPI RIVER
EAST ST LOUIS WATER INTAKE NORTH OF CHOUTEAU ISLAND --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
650809	115000	25.6		7.9		0.000							0.30	130
650712	194000	26.7				0.001							0.10	
650614	289000	25.0		7.3		0.006					14		0.10	280
650510	408000					0.004							0.10	
650412	516000					0.000							0.10	
650308	243000	2.2				0.006							0.20	
650208	94300	3.9				0.009							0.40	200
651111	98400	5.0				0.000							0.20	
641214	63500	4.4				0.000							0.30	
641109	77200	15.6				0.000							0.00	
641013	69800	15.6		7.6		0.000							0.20	
640914	124000	23.0		7.7		0.000					14		0.10	
640810	61400			8.3		0.000							0.10	
640713	121000	25.6				0.000							0.00	

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

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
730910	0.0	0.000	0.00	0.00	0.55	0.000	2.0	0.01	0.15	0.0	0.000	0.0	0.3	
730611	0.0	0.010	0.00	0.00	0.27	0.000	3.4	0.01	0.20	0.0	0.000	0.0	0.3	
730312	0.0	0.000	0.00	0.02	0.45	0.000	8.0	0.06	0.30	0.0	0.000	0.1	0.2	
721212		0.000	0.00	0.00	0.05	0.000	0.5	0.00	0.05			0.0	0.3	
721010	0.0	0.000	0.00	0.00	0.10	0.000	4.4	0.02	0.30	0.0	0.000	0.0	0.2	
720911	0.1	0.000	0.00	0.00	0.15	0.000	2.0	0.05	0.20	0.0	0.000	0.1	0.2	
720508	0.0	0.000	0.00	0.00	0.64	0.000	3.0	0.01	0.30	0.0	0.000	0.0	0.2	
720313						0.000	1.4		0.12				0.2	
720110													0.2	
711213		0.020												132
711108														124
711012														150
710913														156
710809		0.000												
710714		0.000												149
710614		0.000												138
710510														142
710412		0.000												158
710308														130
710209														170
710208														150
710111														154
701110														196
701013														186
700914														152
700810														98
700713														172
700608														132
700511														156
700413														164
700309														178
700112														178
691208														168
691110														184
691014														92
690908														176
690811		0.000					0.0	0.00					0.0	176
690714		0.000					0.0	0.00					0.0	118
690609														162
690512														280
690414														144
690310														152
690210														110
681209														170
681112														146
681014														146
680909														152

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

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
680812														122
680610														124
680513														142
680408														146
680311														168
680213														148
680108														182
671211														178
671113														164
671009														242
670911														163
670814														172
670710														136
670612														164
670506														133
670410														142
670313														168
670215														156
670113														182
661212														148
661114														148
661010														158
660912														146
660711														156
660613														186
660509														174
660411														142
660314														162
660214														164
660110														142
651213														176
651108														176
651011														162
650913														132
650809														163
650712														148
650614														152
650510														124
650412														108
641013														150
640914														136
640810														96

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
730910				0.004	0.1			0.0	0.00					
730611				0.000				0.0	0.00					
730312				0.000	0.3			0.6	0.00					
721212								0.0						
721010				0.000	0.2			0.0	0.00					
720911				0.000	0.4	0.00			0.00					
720814								0.0						
720313							0.16							
711213		20												
711108		23												
711012		26												
710913		19												

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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910	48100	25.6	8.5	7.9	0.250	0.000	6000	0.05	3.8	517			0.20	
740702	351000	23.9	7.2	7.5	0.420	0.005	37000	0.15	3.3	333	10	25	0.70	
740508	215000		10.5	7.8	0.250	0.010	30	0.10	2.7	383			0.50	
740410	176000		9.8	8.1	0.550	0.000	1300	0.25	4.5	617	29	79	0.60	
740312	243000	8.9	9.1	7.9	0.460	0.020	3600	0.35	5.5	567			0.50	
740225	179000	3.3	14.6	8.0	0.620	0.005	500	0.45	4.2	500			0.60	
740128	246000	2.8	10.8	8.0	0.440	0.000	1400	1.10	3.7	450	31	52	0.50	
731211	112000	3.9	12.1	8.1	0.560	0.005	660	0.43	3.4	550			0.40	
731127	122000	10.0	9.5	8.1	0.480	0.005	1400	0.35	2.2	600			0.50	
731016	118000	20.0	6.2	7.7	0.720	0.015	7500	0.22	2.0		18	51	0.40	
731002	174000	22.2	6.4	7.9	0.680	0.010	4300	0.10	1.8	467			0.50	
730822	80500	27.2	6.4	8.2	0.280	0.000	180	0.05	2.1	450			0.50	
730802	106000	24.4	8.8	8.7	0.230	0.000	30	0.10	1.1	433	11	35	0.20	
730725	136000	27.2	4.9	8.0	0.460	0.000	2900	0.15	3.8	483	22	62	0.60	
730625	240000	26.7	5.2	7.8	0.460	0.005	1800	0.10	4.5	450			1.20	
730531	314000	17.2	6.3	7.9	0.380	0.005	800	0.25	2.5	483			0.60	
730524	341000	18.9	8.7	8.3	0.180	0.007	30	0.05	3.2	550			0.60	
730423	353000	17.2	8.0	8.0	0.290	0.007	2400	0.37	3.2	483	19	57	0.80	
730316	288000	11.7	9.0	8.0	0.420	0.000	1300	0.88	3.1	417			0.70	
730213	157000	1.7		8.1	0.410	0.000	100	0.85	4.6	600			1.00	
730109	177000	2.2		7.8	0.510	0.007	1300	0.74	2.7	583	34	60	1.00	
721204	130000	1.1		8.0	0.360	0.000	210	0.68	5.3	633			0.90	
721102	165000	12.2		8.0	0.330	0.000	4400	0.49	4.1	567			1.00	
721010	179000	16.7	7.6	8.0	0.350	0.000	130	0.08	3.7	533			0.80	
720911	104000	22.8		7.8	0.290	0.010	1400	0.25	2.1	500			0.60	
720814	201000	24.4	6.5	7.8	0.520	0.000	3000	0.10	2.7	483			0.60	
720719	107000	26.7	6.7	7.8	0.150	0.000	110	0.12	2.9	567			0.60	
720710	66500	23.9	8.0	7.1	0.150	0.000	30	0.15	2.9	533			0.70	
720612	102000	23.9	6.4	7.2	0.160	0.005	90	0.20	3.2	583	30	80	0.60	30
720508	259000	16.7	8.1	8.0	0.130	0.000	100	0.08	5.1	567			1.10	
720410	167000	8.3	10.3	7.6	0.200	0.000	60	0.58	4.3	633			0.90	
720313	102000	7.2		7.5	0.430	0.010	320	1.40	1.8	525			0.65	50
720110	76000	2.2		7.4	0.440	0.000	210	1.00	2.9	437	24	75	0.60	
711213	79200	5.0		7.2	0.392	0.010	50	0.90	0.2		25	140	0.30	55
711108	71500	11.1		7.8	0.294		10000	0.20	0.2			35	0.00	100
711012	35600	18.9		7.8	0.326	0.000	100000	0.40	0.2		25	60	0.10	90
710913	38500	26.7		7.5	0.424	0.000	160	0.20	0.0		23	59		80
710809	45400	25.6		8.0		0.000					26	95	1.10	45
710714	114000	27.2		7.8		0.002						60		160
710614	117000	25.6												
710510	132000	17.8		7.6		0.005					35	33	0.90	135
710412	199000	14.4		8.0		0.000					32	75	2.40	190
710308	172000	3.3		7.4		0.000					40	49	1.80	200
710208	65000	1.1		8.4		0.000					34	62	1.70	180
710111	70700			7.5		0.000					21	24	1.40	55
701110	138000	11.1		8.0		0.000						38	1.30	125
701013	148000	17.8		7.9		0.000					28	60	1.30	160
700914	123000			7.7		0.000					38	46	0.80	110
700810	191000	23.9		7.4		0.000					15	16	0.50	650
700713	56600	27.8		8.1		0.000					25	80	1.80	65
700608	232000	21.1		7.6		0.000					21	70		240
700511	180000	20.0		7.5		0.000					21	45	1.50	400
700413	124000			8.2		0.000					46	68	1.50	150
700309	143000			7.8		0.000					41	86	1.10	330
700209	57700			7.4		0.000					38	63	1.40	100
700112	44100			8.7		0.000					27	51	0.60	50
691208	38800	5.6		8.3		0.000					25	39	0.80	80
691110	63800	10.6		8.0		0.000					25	0	0.70	80
691014	230000	15.6		7.2		0.000					16	18	0.50	900
690908	61100	26.1		7.7		0.000					23	38	0.70	80
690811	141000	26.7		7.7		0.000					2	19	0.80	140
690714	354000	24.4		7.2		0.000					18	21	1.10	250
690609	120000	23.3		7.8		0.000					34	14	1.20	150
690512	256000	17.8		7.7		0.000					24	27	0.50	150
690414	231000			7.6		0.000					35	39	0.70	320
690310	115000			7.5		0.000					21	8	0.90	200
690210	192000			7.4		0.000					20	6	0.70	1000
690113	50500			7.8		0.000					28	6	0.30	50
681209	61900			8.1		0.000					25	23	0.30	80
681112	109000			7.8		0.000					24	11	0.40	120

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 (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)	TURBID-ITY UNITS
681014	92000	17.8		7.8		0.000					30	25	0.30	98
680909	49700	22.2		7.8		0.000	50				19	8	0.20	80
680812	110000	26.7		7.6		0.010	1500				24		0.20	140
680610	123000	27.2		7.7		0.003					18		0.50	150
680513	77300	18.9		8.0		0.000					25		0.30	55
680408	82300			7.3		0.000					21			190
680311	45800			8.7		0.000					38		0.30	75
680213	83900			7.6		0.005					37		0.30	155
680108	41700			7.4		0.000					45		0.10	100
671211	110000			7.5		0.000					30		0.20	175
671113	85500	10.6		7.2							32		0.20	300
671009	39300	17.8		7.3		0.005					30		0.20	28
670911	26800	21.7		7.7		0.000					88		0.20	25
670814	39000	24.4		7.5							18		0.10	78
670710	143000	25.0		7.0							37		0.20	130
670612	148000	25.6		7.1							27		0.10	170
670508	194000	13.9		7.7							22		0.20	70
670410	197000	15.0		7.8		0.003					31		0.20	60
670313	61100	7.2		7.7							28		0.40	30
670215	57100			7.6		0.000					22		0.20	35
670110	42800	2.2		7.7		0.000					26		0.20	60
661212	65400	6.7		8.0		0.015					20		0.30	160
661114	45900	11.1		7.0		0.010					28		0.20	25
661010	19200	17.8		6.1							20		0.10	20
660912	30400	23.3		7.7		0.020					19		0.20	55
660711	47300	30.0		7.9		0.008					17		0.10	165
660613	159000	22.2		7.5		0.000					17		0.00	500
660509	160000	17.2		7.4							23		0.30	100
660411	179000	10.0		7.5		0.034					18		0.00	120
660314	150000	6.7		7.6		0.001					21		0.20	170
660214	162000	2.2		7.0		0.000					18		0.00	750
660110	94300			7.2		0.004					19		0.80	200
651213	82300	6.7		7.3		0.000					12		0.70	75
651108	73400	14.4		7.9		0.000					21		0.50	45
651011	162000	15.6		7.8		0.000					21		0.00	220
650913	91800	23.9		7.8		0.016					14			180
650809	51000	25.6		7.7		0.000					26		0.30	40
650712	87200	26.7		7.8		0.001					12		0.10	350
650614	165000	23.3		7.3		0.000					15		0.10	290
650510	363000	20.0		7.1		0.020					15		0.10	150
650412	297000			6.8		0.002					15		0.20	900
650308	164000	2.2		7.3		0.011					19		0.30	330
650208	55600	4.4		7.4		0.003					32		0.40	260
650111	45700	3.9		7.5		0.000					20		0.20	270
641214	40700	3.9		7.7		0.000					21		0.30	30
641109	36700	15.6		7.9		0.000					17		0.30	40
641013	24600	15.6		7.5		0.000					16		0.30	70
640914	59000	22.2		7.7		0.000					16		0.10	65
640810	23500	27.2		8.1		0.000							0.10	85
640713	61100	21.1		7.5							18		0.10	230

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

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740702	0.0	0.000	0.00	0.00	0.03	0.000	5.7	0.02	0.21	0.0	0.000	0.1	0.2	
740410	0.0	0.000	0.00	0.00	0.00	0.000	5.5	0.02	0.21	0.0	0.000	0.0	0.3	
740128	0.2	0.000	0.00	0.01	0.00	0.000	9.2	0.00	0.57	0.0	0.000	0.0	0.3	
731016	0.0	0.000	0.00	0.00	0.02	0.000	9.5	0.01	0.37	0.0	0.000	0.1	0.4	
730802	0.1	0.000	0.00	0.00	0.28	0.000	0.4	0.31	0.09	0.5	0.000	0.1	0.2	
730725	0.0	0.000	0.00	0.00	0.10	0.000	7.0	0.04	0.55	0.0	0.000	0.0	0.4	
730423	0.1	0.000	0.00	0.00	0.12	0.000	3.3	0.04	0.17	0.0	0.000	0.0	0.2	
730109		0.000	0.00	0.00	0.07		5.2	0.01	0.33			0.1	0.3	
720612	0.0	0.000	0.00	0.00	0.00	0.000	1.5	0.01	0.17	0.0	0.000	0.0	0.3	
720110													0.2	

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

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711213														142
711108														144
711012														150
710913														150
710809		0.000												
710714		0.000												147
710510		0.000												160
710412		0.000												164
710308														148
710208														200
710111														180
701110														208
701013														202
700914														164
700810														104
700713														174
700608														134
700511														160
700413														178
700309														196
700209														176
700112														184
691208														170
691110														190
691014														100
690908														178
690811		0.000					0.0	0.00					0.0	176
690714		0.000					0.0	0.00					0.0	112
690609														182
690512														168
690414														168
690310														160
690210														124
690113														182
681209														160
681112														148
681014														146
680909														150
680812														140
680610														144
680513														160
680408														152
680311														180
680213														128
680108														188
671211														166
671113														320
671009														164
670911														148
670814														146
670710														114
670612														48
670508														170
670410														160
670313														152
670215														154
670110														182
661212														142
661114														162
661010														142
660912														142
660711														160
660613														166
660509														200
660411														154
660314														164
660214														150
660110														172
651213														168
651108														180
651011														164

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

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	ALKALINITY (CACO3) (MG/L)
650913														120
650809														160
650712														142
650614														152
650510														124
650412														104
650308														184
650208														206
651111														162
641214														194
641109														140
641013														140
640914														15
640810														160
640713														164

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUSPENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	CHROMIUM (MG/L)	DISSOLVED IRON (MG/L)	MERCURY (UG/L)	SELENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARDNESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740702				0.000	0.2			0.0	0.00					
740410				0.000	0.2			0.2	0.00					
740128				0.000	1.3	0.01		0.2	0.00					
731016				0.005	0.0			0.0	0.00					
730802				0.000	0.3	0.00		0.0	0.00					
730725				0.000	0.1				0.00					
730423				0.000	0.2			0.0	0.00					
730109								0.2						
721010								0.0						
720911								0.8						
720814								0.0						
711213		20												
711108		23												
711012		38												
710913		29												
640914													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	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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBIDITY UNITS
740917	101000	24.4		7.0	0.260	0.005	72000	0.00	0.4	583			0.10	
740709	316000		9.6	7.5	0.580	0.010	40000	0.25	3.3	483	15	25	0.30	
740610	480000	21.1		7.1	0.370	0.006	15000	0.75	1.6	417			0.50	
740513	259000	15.6		8.1	0.370	0.000	5600	0.10	2.2	833	17	37	0.60	
740411	272000	12.2	10.6	8.1	0.350	0.010	740	0.15	2.2	550			0.30	
740211	248000	3.3		8.0	0.380	0.005	330	0.70	4.3	500	24	55	0.60	
730910	152000	25.0	6.8	8.2	0.360	0.000	6400	0.10	1.1	567	22	70	0.40	
730709	258000	27.2		8.0	0.880	0.010	3400	0.15	3.3	467				
730611	404000	23.9		8.0	0.380	0.000	300	0.05	2.9	383	19	45	0.80	
721113	271000	10.0		7.7	0.350	0.008	1800	0.25	3.9	417			0.80	
721010	235000			8.0	0.370	0.000	2800	0.08	2.7	433			0.60	
720911	183000			8.1	0.300	0.010	5000	0.14	1.2	500			0.40	
720814	258000			7.9	0.400		1400	0.13	2.2	400	14	70	0.50	150
720710	120000	25.0		7.8	0.180		150000	0.12	2.1	550	22	80	0.70	30
720612	167000			7.8	0.120		1000	0.20	1.1	517			0.60	
720508	378000	16.7		8.0	0.100		800	0.09	1.5	400			0.40	
720410	216000			7.8	0.110		250	0.48	1.9	433	21	50	0.63	65
720313	147000			7.8	0.920	0.020	18000	1.30	1.8	482	31	55	0.70	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 (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	BBAS (MG/L)	TURBID-ITY UNITS
720110	120000	3.9		7.5	0.490	0.023	3000	0.80	2.3	477	24	97	0.60	
711108	151000			7.9	0.228	0.000		0.40	0.0		22	70	0.10	190
711012	98300			8.2	0.261	0.000	1000	0.50	0.0		21	220	0.10	80
710913	92000			7.5	0.392	0.000	80	0.40	0.2		20	180		65
710809	104000			8.1		0.000					19	100	0.70	80
710714	199000			7.5		0.003					24	100	0.80	290
710614	234000			7.7		0.000					17	88		700
710510	198000			7.7		0.005					16	75	0.80	130
710412	259000	15.0		7.9		0.000					22	49	1.80	160
710308	253000			7.4		0.000					12	58	1.20	310
710111	126000			7.1		0.011					16	28	1.00	150
701110	203000			7.8		0.015							0.80	115
700810	258000			7.7		0.000					12	23	0.50	450
700713	105000			7.9		0.011					24		1.30	80
700608	413000			7.7		0.010					12	58		900
700511	277000			7.9		0.015					18	40	1.40	170
700413	199000			8.0		0.000					21	90	1.00	170
700309	204000			7.8		0.000					26	68	1.00	330
700209	95800			7.7		0.031					36	68	1.20	120
691208	112000	4.4		8.2		0.021					20	55	0.60	85
691014	491000			7.4		0.017					14	23	0.50	750
690811	213000			7.7		0.013					2	35	0.50	200
690609	223000			7.7		0.013					24	29	0.50	
690512	396000			7.7		0.004					27	23	0.30	1000
690414	384000			7.2		0.000					15	43	0.30	750
690310	213000			7.2		0.018					19	8	0.50	800
690210	321000			7.7		0.027					16	6	0.60	700
690113	96800			7.7		0.000					42	21	0.30	45
681209	137000			8.0							21	20	0.20	95
681112	163000			7.9							20	12	0.20	140
681014	162000			8.1		0.005					20	16	0.20	128
680909	97600			7.8		0.000	23000				21	13	0.20	73
680812	184000			7.7		0.022	22000				13		0.20	170
680708	230000										11		0.30	310
680610	182000					0.011					15		0.20	220
680311	88700			8.5							47		0.20	70
680213	140000													
671113	151000													
671009	122000			7.7							26		0.20	90
670814	100000													
670508	259000			7.7							16		0.10	160
670410	265000			7.6		0.003					14		0.10	550
670215	87100			7.4		0.011					19		0.20	70
661212	100000			7.9							29		0.30	180
660912	75700										23		0.10	170
660711	106000			8.0							15		0.10	260
660411	230000					0.000								
660314	194000			8.0							13		0.20	150
660214	314000			7.3		0.000					15			
660110	150000			7.7		0.018					19		0.40	140
651213	121000			8.1		0.000					11		0.30	60
651108	134000			8.1		0.000					12		0.00	60
651011	243000			8.1							11		0.00	370
650712	194000			7.7							11			650
650607	338000			7.1							13		0.00	1000
650412	516000	10.0		6.8		0.004					22		0.10	1500
650411	513000			2.4		0.016								
650308	243000			7.8		0.006					13		0.10	1500
650111	98400	3.3		7.1		0.000					38		0.10	800
641214	63500	2.8		7.8		0.000					18		0.30	45
641109	77200	14.4		7.7		0.000					14		0.10	90
641013	69800	13.3		7.9		0.000					17		0.50	150
640914	124000	21.7		7.7		0.000					14		0.00	800
640810	614000	26.7		8.0		0.000					25		0.10	120
640713	121000	24.4		7.8		0.000					16		0.00	1000

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

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740709	0.0	0.000			0.10	0.000	12.5	0.03	0.50	0.1	0.000	0.1	0.3	
740513	0.2	0.000	0.00	0.00	0.07	0.000	2.6	0.04	0.23	0.0	0.000	0.2	0.2	
740211	0.2	0.000	0.00	0.00	0.10	0.000	2.6	0.02	0.15	0.0	0.000	0.0	0.2	
730910	0.0	0.000	0.00	0.00	0.00	0.000	2.8	0.01	0.20	0.0	0.000	0.0	0.3	
730611	0.0	0.010	0.00	0.00	0.01	0.000	3.6	0.01	0.21	0.0	0.000	0.0	0.2	
721113	0.1	0.000	0.00	0.00	0.02		2.0	0.01	0.05	0.0	0.000	0.0		
720814	0.1	0.000	0.00	0.00	0.02		6.4	0.02	0.42	0.0	0.000	0.1	0.1	
720710	0.0	0.010	0.00	0.00	0.00	0.000	1.4	0.01	0.14	0.1	0.000	0.0	0.2	
720410	0.0	0.000	0.00	0.00	0.00	0.000	2.4	0.00	0.27	0.0	0.000	0.2	0.2	
720313						0.000	1.5		0.12				0.2	
720110													0.2	
711108														138
711012														162
710913														170
710714														152
710614														135
710510														140
710412														150
710308														118
710111														136
701110														164
700810														102
700713														170
700608														114
700511														150
700413														164
700309														164
700209														174
691208														170
691014														84
690811		0.000					0.0	0.00					0.0	164
690609														146
690512														280
690414														104
690310														144
690210														120
690113														170
681209														160
681112														156
681014														140
680909														148
680812														120
680708														122
680610														120
680311														172
671009														146
670508														132
670410														114
670215														160
661212														140
660912														126
660711														152
660314														162
660214														162
660110														156
651213														184
651108														170
651011														166
650712														160
650607														166
650412														100
650308														182
650111														164
641214														212
641109														144
641013														152
640914														120
640810														156
640713														164

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

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740709				0.000	0.1	0.02			0.00					
740513				0.002	0.1			0.0	0.00					
740211				0.000	0.1			0.0	0.00					
730910				0.005	0.1			0.0	0.00					
730611				0.000	0.0			0.2	0.00					
721113				0.000	0.3			0.0	0.00					
721010								0.0						
720911								0.0						
720814				0.000	0.2	0.00			0.00					
720710						0.00		0.0						
720310							0.14							
711108		13												
711012		20												
710913		20												

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740917	101000			8.4	0.230	0.005	1300	0.00	0.0	617			0.10	
740910	118000		6.2	7.1	0.150	0.000	35000	0.05	1.1	600			0.20	
740709	316000		9.7	7.5	0.380	0.005	1800	0.25	1.9	433			0.30	
740610	480000	20.0		7.6	0.720	0.000	7900	0.20	1.3	383		50	0.50	
740513	259000	15.6		8.2	0.250	0.000	440	0.05	1.1	583			0.40	
740411	272000	12.2	10.8	8.1	0.270	0.005	330	0.05	1.0	600			0.20	
740211	248000	2.8		8.0	0.280	0.005	2200	0.25	2.3	567			0.50	
740114	126000	0.0		7.9	0.160	0.005	530	0.15	1.4	667			0.50	
731119	171000	9.4	10.4	8.1	0.300	0.005	1300	0.10	1.3	517	20	205	0.30	
731015	390000	20.6	8.0	7.8	1.000	0.010	6400	0.21	1.1		14	60	0.10	
730910	152000	25.0	6.9	8.1	0.480	0.005	7600	0.10	0.8	667	22	130	0.30	
730709	258000	27.8		8.0	1.400	0.005	430	0.20	2.2	467			0.70	
730611	404000	23.9		7.9	0.480	0.000	1800	0.05	1.8	483	21	130	0.60	
730514	680000	17.2	7.9	7.9	0.430	0.005	1500	0.38	1.3	317			0.40	
730409	692000	6.7	9.9	8.0	0.540	0.007	500	0.64	0.0	350			0.40	
730312	576000	12.2	9.7	7.7	0.970	0.010	2200	0.33	1.2	317	11	37	0.20	
730213	278000	1.7		7.9	0.730	0.000	2000	0.45	1.6	417			0.40	
730108	325000	8.9		7.8	0.640	0.007	4600	0.31	1.6	350			0.50	
721113	271000	12.1		7.6	0.320	0.000	100	0.22	1.1	517			0.50	
721010	235000			8.1	0.330	0.000	1200	0.08	1.0	717	16	200	0.50	
720911	183000			7.8	0.340	0.010	3400	0.15	0.7	567			0.30	
720814	258000			8.0	0.320	0.000	3000	0.09	1.1	533			0.40	
720710	120000	25.0		7.5	0.140	0.000	180	0.12	0.5	750			0.30	
720612	167000			8.3	0.150	0.010	1000	0.15	0.9	733	18	180	0.30	80
720508	378000	16.7		8.2	0.080	0.000	100	0.09	1.2	400			0.40	
720410	216000			8.1	0.090	0.000	140	0.17	1.0	633			0.44	
720313	147000			7.7	5.800	0.005	410	0.60	1.0	558	21	110	0.51	
711213	149000			7.4	0.098	0.010	1400	0.30	0.0		16	140	0.20	140
711108	151000			7.8	0.098			0.20	0.2		22	142	0.00	370
710913	92000			7.6	0.392		170000	0.20	0.2		20	140		80
710809	104000			8.1		0.000					18	154	0.50	140
710714	199000			7.9		0.000					27	170	0.60	700
710614	234000			7.6		0.000					18	115		1300
710510	198000			7.8		0.005					20	133	0.60	300
710412	259000	15.0		7.9		0.000					16	108	1.10	175
710308	253000			7.2		0.000					18	39	1.50	280
710111	126000			7.7		0.000					13	38	0.80	195
701110	203000			8.1		0.000						81	0.50	73
701013	298000			7.8		0.000					13	44	0.60	280
700810	258000			7.9		0.000					19	94	0.30	310
700713	135000			8.0		0.000					24	230	0.60	65
700608	413000			7.7		0.000					11	58		1750
700413	199000			8.3		0.010					35	50	1.40	140
700309	204000			7.9		0.000					27	88	0.70	300
700209	95800			7.8		0.000					25	120	0.90	95

J 82 MISSISSIPPI RIVER
ST LOUIS WATER INTAKE 0.2 MI SOUTH CHAIN OF ROCKS --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)	TURBID-ITY UNITS
700112	71200			7.9		0.000					14	56	0.40	70
691208	112000	4.4		7.9		0.000					18	140	0.40	120
691110	142000			7.8		0.000					30	100	0.40	130
691014	491000			7.5		0.000					10	31	0.50	800
690908	150000	26.7		7.7		0.000					18	93	0.30	120
690811	213000			8.0		0.000					2	46	0.30	250
690714	616000			7.4		0.000	11000				28	25	0.50	900
690609	220000			7.7		0.000					16	26	0.50	375
690512	396000			7.5		0.005					24	35	0.30	1000
690414	384000			7.5		0.000					11	30	0.30	1000
690310	210000			7.4		0.000					16	8	0.50	750
690210	321000			7.7		0.000					11	5	0.50	900
690113	96800			7.9		0.000					20	11	0.20	30
681209	137000			8.1		0.000					18	25	0.20	95
681112	160000			8.0		0.000					17	38	0.30	140
681014	162000			7.8		0.000					26	46	0.10	290
680909	97600	22.0		7.8		0.000	10				21	17	0.10	95
680812	184000	26.7		7.4		0.010	10				14		0.10	400
680610	182000	26.7		7.8		0.003					13		0.20	210
680513	136000	18.3		8.3							18			100
680408	172000	12.2		7.7		0.000					16			250
680311	88700	8.3		8.0		0.000					45		0.20	30
680213	140000	1.7		7.8		0.010					23		0.30	110
660108	82500	1.1		6.8		0.003					47		0.10	80
671211	173000			7.1		0.000					33		0.20	200
671113	151000	10.6		7.7		0.036					22		0.10	90
671009	122000	18.9		7.9							25		0.10	230
670911	72700	22.8				0.000							0.20	
670814	100000			7.8		0.008					16			325
670710	276000	25.6		7.7							12		0.10	390
670612	270000	24.4		7.5		0.003					18		0.10	1500
670508	259000	15.6		8.2		0.010					16		0.10	140
670410	265000	17.8		7.7		0.003					15		0.10	400
670215	87100	5.6		7.6		0.000					27		0.20	40
670109	61400	1.1		7.8		0.008					29		0.20	75
661212	100000	5.6		8.0		0.020					26		0.20	100
661114	91100	8.9		7.0		0.010					22		0.10	100
661010	65600			7.9							22		0.10	60
660912	757000	24.4		7.8		0.010					44		0.10	120
660711	106000	30.6		8.0		0.004					18		0.00	260
660613	230000			7.5		0.000					17		0.30	800
660509	216000	18.3		7.1		0.000					23		0.60	80
660411	230000			7.7		0.000					17		0.20	170
660314	194000	6.7		8.0		0.002					15		0.30	130
660110	150000	2.8		7.9		0.019					18		0.40	260
651213	121000			7.8		0.034					25		0.20	170
651108	134000			8.0		0.016					16		0.00	100
651011	243000	16.7		8.0		0.006					14		0.00	550
650913	230000			8.4		0.000					12		0.30	1000
650809	115000			7.8		0.000					19		0.20	160
650712	194000	27.8		7.8		0.004					11		0.10	1500
650614	289000	23.9		7.3							26			1500
650510	408000	21.1		7.3		0.004					15		0.20	190
650412	516000	12.8		6.7		0.019					9		0.10	2000
650308	243000	1.7		7.7		0.006					10		0.20	1500
650208	94300	1.7		7.6		0.000					18		0.20	160
650111	98400	3.9		7.5		0.000					12		0.10	950
641214	63500	3.3		7.8		0.000					23		0.20	65
641109	77200	15.0		7.8		0.000					18		0.10	95
641013	69800	14.4		7.9		0.000					20		0.50	110
640914	124000	22.2		7.7		0.000					16		0.00	900
640810	61400	27.2		8.2		0.000					29		0.20	85
640713	121000	25.6		7.9		0.000					18		0.10	1500

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

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740610	0.3	0.000	0.00	0.05	0.05	0.000	20.0	0.02	1.02	0.0	0.000	0.1	0.2	
731119	0.2	0.010	0.00	0.00	0.05	0.000	4.2	0.01	0.18	0.0	0.020	0.1	0.3	
731015	0.2	0.000	0.00	0.02	0.01	0.000	17.0	0.02	0.72	0.0	0.000	0.1	0.4	
730910	0.0	0.000	0.00	0.00	0.00	0.000	4.2	0.02	0.37	0.0	0.000	0.0	0.4	
730611	0.0	0.000	0.00	0.00	0.01	0.000	7.8	0.02	0.45	0.0	0.000	0.0	0.4	
730312	0.2	0.000	0.00	0.02	0.02	0.000	14.0	0.02	0.50	0.0	0.000	0.1	0.2	
721010	0.1	0.000	0.00	0.00	0.02	0.000	2.7	0.01	0.20	0.0	0.000	0.0	0.4	
720612	0.0	0.000	0.00	0.00	0.00	0.000	4.0	0.01	0.35	0.0	0.000	0.0	0.4	
720313													0.3	
711213														142
711108														136
710913														160
710714														164
710614														141
710510														160
710412														141
710308														112
710111														136
701110														148
701013														104
700810														132
700713														172
700608														112
700413														160
700309														168
700209														174
700112														162
691208														170
691110														164
691014														80
690908														160
690811		0.000					0.0	0.00					0.0	164
690714		0.000					0.0	0.00					0.0	160
690609														142
690512														130
690414														112
690310														148
690210														124
690113														180
681209														160
681112														172
681014														166
680909														150
680812														116
680610														150
680513														160
680408														144
680311														172
680213														160
680108														178
671211														146
671113														176
671009														240
670814														172
670710														130
670612														70
670508														150
670410														120
670215														170
670109														214
661212														182
661114														164
661010														164
660912														164
660711														154
660613														160
660509														152
660411														168
660314														166
660110														182
651213														206

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

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
651108														168
651011														166
650913														128
650809														160
650712														160
650614														184
650510														152
650412														106
650308														180
650208														216
650111														158
641214														276
641109														160
641013														170
640914														110
640810														160
640713														176

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740610				0.000	0.3			1.1	0.00					
731119				0.005	0.0			0.5	0.00					
731015				0.008	0.1			1.0	0.00					
730910				0.007	0.1			0.0	0.00					
730611				0.000	0.2			0.0	0.00					
730312				0.000	0.2			0.2	0.00					
721010				0.000	0.2			0.0	0.00					
720911								0.5						
720814								0.0						
711213		10												
711108		8												
710913		17												

JD 01 MARYSTOWN CREEK
LEVEE ROAD CULVERT 2 MI WEST OF FULTS
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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740912		24.4	6.8	7.7	0.230	0.010	39000	0.00	0.6	517			0.20	
740807		23.9	1.7	7.3	0.080	0.010	3200	0.15	0.1	333			0.10	
740722			2.5	8.2	0.280	0.010	90	0.05	1.8	600	10	40	0.10	
740612		21.1	8.8	8.0	0.440	0.010	1900	0.15	3.0				0.70	
740506		9.4	12.8	8.3	0.350	0.010	16000	0.70	0.1	317			0.20	
740409		9.4	11.0	8.0	0.170	0.400	720	0.15	0.5	450	11	38	0.20	
740219		3.3	10.9	7.5	1.100	0.005	3100	0.80	1.3	250			0.00	
740128		5.6	10.8	7.6	0.160	0.010	280	0.25	2.3	417			0.60	
740107			13.2	7.8	0.260	0.005	10	0.15	0.6	517				
731115		8.9	7.6	7.9	0.380	0.005	700	0.35	0.2	590			0.20	
731023		14.4	5.3	7.8	0.240	0.005	300	0.05	1.4		14	44	0.20	
730926		20.6	6.5	8.0	0.520	0.005	1400	0.75	0.5	567			0.20	
730828		30.0	10.8	8.3	0.380	0.005	340	1.20	0.6	633			0.30	
730724		27.2	3.3	7.7	0.300	0.010	2500	0.60	0.5	450			0.30	
730626		25.6	2.6	7.4	1.300	0.015	2000	0.25	0.0	217			0.30	
730517		16.1	8.3	7.5	0.820	0.007	100	0.59	0.0	200			0.10	
730424		18.3	4.0	7.0	0.580	0.006	200	0.93	0.0	82			0.00	
730315		13.3	8.2	7.9	0.280	0.008	300	0.63	2.1	350			0.50	
730213		3.3	12.5	7.8	1.800	0.006	2500	0.38	0.8	317			0.30	
730108		1.1	10.1	7.8	0.210	0.000	60	0.28	2.0	450			0.50	

JD 01 MARYSTOWN 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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
721204		1.1	9.5	7.8	0.580	0.000	180	0.73	0.7	333			0.30	
721103		8.9	6.2	7.3	0.880	0.007	36000	1.00	1.1	103			0.20	
721011		15.6	6.0	7.9	0.220	0.008	330	0.15	1.8	450			0.60	
720911		30.6	9.2	8.2	0.250	0.010	710	0.20	1.1	333			0.20	
720814		24.4	7.1	7.1	0.220	0.000	480	0.15	1.1	450			0.40	
720719				8.3	0.320	0.010	10	0.26	0.1	300			0.40	
720710		25.0	6.3	7.8	0.090	0.010	180000	0.15	0.6	367			0.40	
720612		30.6	11.3	8.4	0.080	0.010	2	0.15	0.0	500	30	40	0.20	20
720508		18.3	18.1	8.6	0.050	0.010	10	0.08	0.4	400			0.30	
720410		13.9	10.2	8.0	0.020	0.000	20	0.05	0.0	533	26	45	0.22	20
720315		12.2	9.7	7.9	0.040	0.008	340	0.10	2.0	382	15	43	0.43	120
720110		5.6	13.8	7.8	0.320	0.000	10	0.30	1.0	538	46	65	0.50	

JD 01 MARYSTOWN CREEK
LEVEE ROAD CULVERT 2 MI WEST OF FULTS --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722	0.0	0.000	0.00	0.00	0.00	0.000	0.2	0.01	0.04	0.0	0.000	0.0	0.2	
740409	0.1	0.000	0.00	0.00	0.00	0.000	1.6	0.01	0.35	0.0	0.000	0.0	0.2	
731023	0.1	0.000	0.00	0.00	0.00	0.000	2.3	0.02	0.07	0.0	0.000	0.0	0.3	
720612	0.0	0.000	0.00	0.00	0.15	0.000	0.9	0.08	0.41	0.0	0.000	0.1	0.2	
720410	0.0	0.000	0.00	0.00	0.12	0.000	0.5	0.00	0.18	0.0	0.000	0.0	0.2	
720315					0.73	0.000	3.7		0.37					
720110													0.2	

JD 01 MARYSTOWN CREEK
LEVEE ROAD CULVERT 2 MI WEST OF FULTS --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740722				0.000	0.1			0.0	0.00					
740409				0.000	0.0			0.0	0.00					
731023				0.000	0.1			0.0	0.00					
720911								0.0						
720814								0.0						
720315							0.25							

JH 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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740912		24.4	6.7	7.7	0.280	0.010	14000	0.00	0.6	517			0.20	
740807		23.9	1.6	7.3	0.200	0.010	3400	0.22	0.3	433	26	25	0.10	
740722			2.4	8.2	0.360	0.010	80	0.05	1.8	617			0.10	
740612		20.6	8.6	7.9	0.600	0.010	1200	0.15	2.9				0.70	
740506		8.9	8.6	8.3	0.230	0.010	550	0.10	2.2	567	13	51	0.40	
740409		7.8	11.1	7.8	0.420	0.010	3800	0.25	1.6	383			0.30	
740219		2.2	10.6	7.5	2.000	0.010	3800	1.20	2.0	283			0.10	
740128		6.1	11.4	7.9	0.160	0.005	530	0.10	2.5	517			0.50	
740107			11.4	8.0	0.270	0.005	30	0.40	2.5	617				
731115		10.6	7.5	7.8	1.300	0.005	4000	0.40	2.0		14	78	0.40	
731023		16.7		7.8	0.280	0.005	10	0.11	0.0				0.20	
730926		20.0	7.3	7.8	0.240	0.000	490	0.20	1.5	500			0.40	

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730828		28.9	7.4	8.0	0.400	0.000	60	0.20	1.6	533			0.30	
730724		27.2	6.3	7.9	0.180	0.000	1600	0.30	1.5	517			0.50	
730625		25.6	5.4	7.6	0.320	0.005	100	0.30	1.8	483			0.70	
730517		16.1	11.9	8.3	0.170	0.005	60	0.12	1.0	350			0.50	
730424		18.3	6.3	7.6	0.550	0.008	1300	0.76	0.5	183			0.10	
730315		14.4	8.3	7.9	0.340	0.008	500	0.58	1.8	317			0.50	
730213		3.9	12.3	8.1	0.250	0.000	300	0.20	3.1	600			0.60	
730108		0.6	12.3	8.0	0.160	0.000	30	0.23	3.6	533			0.80	
721204		1.7	10.6	7.9	0.300	0.000	130	0.38	2.4	550			0.40	
721102		11.1	7.9	7.6	0.860	0.009	36000	0.91	0.7	153			0.10	
721010		13.3	8.9	8.3	0.560	0.000	250	0.15	1.5	850			0.60	
720911		27.2	9.1	7.9	0.440	0.010	160	0.19	1.0	500	12	51	0.30	40
720814		25.6		8.0	0.150	0.000	280	0.18	0.0	367			0.30	
720719		30.6	12.0	8.3	0.130	0.000	260	0.08	1.8	583			0.60	
720710		23.3	7.8	7.8	0.130	0.000	260	0.14	1.3	600			0.50	
720612		25.6	9.9	8.2	0.280	0.000	40	0.20	1.9	600			0.50	
720508		17.2	10.1	8.4	0.100	0.000	40	0.08	2.0	500	11	52	0.50	20
720410		16.1	13.2	8.3	0.070	0.000	10	0.13	0.8	567			0.20	
720313		8.9	9.6	8.1	0.210	0.005	110	0.30	1.7	593	20	50	0.57	70
720110		8.9	12.4	7.8	0.370	0.000	690	1.40	2.3	600	22	55	0.60	

JH 01 FOUNTAIN CREEK
TOWNSHIP ROAD BRIDGE 0.5 WEST OF FOUNTAIN --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740807	0.0	0.000	0.00	0.00	0.00	0.000	0.9	0.00	0.50	0.0	0.000	0.0	0.2	
740506	0.0	0.000	0.00	0.00	0.00	0.000	1.4	0.01	0.35	0.0	0.000	0.0	0.2	
731115	0.4	0.000	0.00	0.02	0.07	0.000	5.0	0.03	1.05	0.0	0.000	0.1	0.3	
720911	0.2	0.000	0.00	0.00	0.15	0.000	2.3	0.04	0.20	0.0	0.000	0.1	0.2	
720508	0.0	0.000	0.00	0.00	0.06	0.000	0.6	0.03	0.20	0.0	0.000	0.0	0.2	
720313					0.15	0.012	2.9		0.77					
720110													0.2	

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740807				0.000	0.1			0.0	0.00					
740506				0.002	0.0			0.0	0.00					
731115				0.006	0.1			0.0	0.00					
720911				0.000	0.2	0.00			0.00					
720814								0.0						

JMA 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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		20.0	1.9	7.3	0.620	0.005	1900	0.36	0.5	142	13	10	4.00	
740731		26.7	1.9	7.7	0.400	0.000	130	0.10	0.7	583			0.50	
740605		23.3	7.9	7.9	0.450	0.005	520	0.10	0.8	700			0.40	
740506		8.3	13.1	8.1	0.620	0.020	4200	0.35	0.9	817			0.30	
740409			10.5	7.8	0.310	0.000	2900	0.20	1.3	633			0.30	
740320		8.9	11.3	8.2	0.330	0.000	200	0.35	2.5	833	22	170	0.40	
740114		0.0	13.0	7.8	0.540	0.010	11000	1.00	1.3	900			0.50	

JMA 01 CAHOKIA CANAL NO 1
NEW ROUTE 3 BRIDGE AT NORTH DUPO --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
731210		1.1	12.2	8.1	0.480	0.005	1800	0.70	1.4	700	17	145	0.30	
731119		8.3	9.6	7.8	0.820	0.010	570	0.75	0.8	867			0.90	
731015		16.1	4.1	7.5	1.000	0.010	17000	1.20	1.8				0.50	
730910		23.3	4.0	7.7	0.840	0.010	31000	0.25	0.6	600			0.50	
730828		28.3	11.4	8.1	0.320	0.000	80	0.15	0.8	767			0.40	
730709		25.6	7.5	7.9	0.340	0.010	350	0.15	1.6	867			0.70	
730611		24.4	7.8	7.8	0.320	0.005	400	0.10	0.5	633			0.50	
730514		17.2	10.5	8.1	0.100	0.007	50	0.42	0.9	583			0.50	
730409		10.0	10.2	8.1	0.120	0.000	40	0.26	1.0	700			0.40	
730314		12.8	8.3	8.1	0.220	0.010	500	0.60	1.4	517			0.50	
730213		3.3	12.5	8.0	1.200	0.000	5400	1.00	2.3	833			0.60	
730108		0.0	12.9	7.2	0.230	0.000	640	0.54	2.7	817			0.80	
721212		0.6	10.3	7.6	1.400	0.009	7400	0.33	0.8	267			0.40	
721113		5.6	9.3	7.7	1.700	0.013	25000	0.63	0.9	233			0.20	
721010		15.6	16.8	8.3	0.310	0.008	820	1.40	0.3	817	86	180	1.00	
720911		25.0	8.5	7.8	0.320	0.010	20	0.15	0.1	583			0.50	
720814		25.6	6.2	7.5	0.450	0.005	140	0.23	0.3	533	16	200	0.30	30
720612		25.0	14.5	8.3	0.310	0.010	60	0.15	1.1	933	26	180	0.60	
720508		17.2	11.2	8.4	0.170	0.000	40	0.09	1.2	767			0.40	
720410		15.0	12.1	8.0	0.220	0.000	70	0.20	1.2	867	27	220	0.57	30
720313		9.4	9.4	8.2	0.990	0.008	2000						0.70	
720110		6.1	14.2	7.6	0.560	0.000	490	1.30	1.4	1102	39	260	0.60	

JMA 01 CAHOKIA CANAL NO 1
NEW ROUTE 3 BRIDGE AT NORTH DUPO --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740903	0.0	0.000	0.00	0.00	0.00	0.000	4.4	0.04	0.20	0.0	0.000	0.0	0.2	
740320	0.0	0.010	0.00	0.00	0.00	0.000	0.3	0.01	0.40	0.0	0.000	0.0	0.4	
731210	0.0	0.000	0.00	0.00	0.00	0.000	2.6	0.01	0.53	0.0	0.000	0.0	0.3	
721010	0.1	0.000	0.00	0.00	0.00	0.000	1.0	0.01	0.72	0.0	0.000	0.0	0.4	
720814	0.1	0.000	0.00	0.00	0.11		1.2	0.05	0.32	0.0	0.000	0.1	0.2	
720612	0.0	0.000	0.00	0.00	0.10	0.000	2.0	0.07	0.84	0.0	0.000	0.1	0.4	
720410	0.0	0.000	0.00	0.00	0.09	0.000	0.9	0.11	0.72	0.0	0.000	0.1	0.3	
720313		0.000	0.00	0.00	0.15	0.000	0.4	0.04	9.50	0.0		0.0		
720110													0.3	

JMA 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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740903				0.000	0.5			0.0	0.00					
740320				0.001	0.2			0.0	0.00					
731210				0.000	0.1			0.0	0.00					
721010				0.000	0.3			0.0	0.00					
720911								0.0						
720814				0.000	0.2	0.00			0.00					
720313						0.00		0.0		200				

JMAA01 PRAIRIE DU PONT CREEK
ROUTE 163 BRIDGE 4 MI NORTH OF MILLSTADT
LAB: MARION

JMAA01 PRAIRIE DU PONT CREEK
ROUTE 163 BRIDGE 4 MI NORTH OF MILLSTADT --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		20.0	2.5	7.3	0.620	0.005	1600	0.26	0.5	142			0.20	
740807		23.9	1.8	7.0	0.100	0.000	0	0.22	0.2	300			0.10	
740731		26.7	2.2	7.9	0.210	0.210	150	0.00	0.5	500	30	70	0.40	
740606			7.4	7.8	1.100	0.005	39000	0.40	1.9	1033			0.50	
740506		8.3	10.0	8.4	0.200	0.010	2600	0.30	3.0	733			0.30	
740411		6.7	9.0	7.4	0.360	0.015	670	0.40	1.5	333	12	56	0.20	
740320		7.8	11.7	8.1	0.930	0.000	910	1.20	2.0	983			0.40	
743114		3.0	12.9	8.3	1.630	0.005	2700	2.10	1.5	1067			0.30	
731210		1.1	12.8	8.0	1.400	0.005	62000	2.20	1.5	1033			0.40	
731119		7.8	10.2	8.1	1.400	0.015	760	4.50	0.6	1267			0.60	
731015		15.6	8.0	7.8	3.400	0.010	9500	2.00	1.3		29	430	0.50	
730910		22.8	6.5	7.7	1.200	0.000	30000	1.00	1.2	1033			0.40	
730822		25.3	11.4	8.3	3.600	0.010	1700	5.00	2.5	1567			0.80	
730709		25.6	5.1	7.8	2.300	0.015	450000	2.90	2.2	1550			0.80	
730611		24.4	7.0	8.0	1.060	0.005	38000	0.70	2.5	1117			0.90	
730514		11.1	8.9	8.0	0.700	0.010	12000	1.30	1.8	1233			0.70	
730409		8.3	8.6	7.6	1.000	0.015	9800	0.50	3.0	330			0.30	
730314		12.8	8.9	8.0	1.300	0.014	14000	0.60	0.6	450			0.40	
730215		0.6	13.0	7.9	0.710	0.000	130	1.00	2.8	750			0.80	
730109		0.0	12.0	8.0	0.970	0.000	10	1.43	2.3	1008			0.90	
721212		0.6	11.6	7.5	1.300	0.014	9000	0.30	0.6	183			0.40	
721113		6.7	9.0	7.3	0.980	0.010	22000	0.55	1.2	533			0.50	
721011		15.6	10.5	8.0	5.400	0.013	860	2.00	3.3	1833			1.20	
720913		22.2	4.9	7.7	7.400	0.010	37000	1.30	2.9	1033	60	290	1.30	8
720816		22.2		8.0	15.100	0.010	93000	16.00	1.6	967			2.20	
720614		21.7	5.7	8.2	1.050	0.015	3500	1.60	0.0	1667			0.80	
720510		11.1	9.6	8.4	1.550	0.000	40000	0.63	0.0	1333	31	320	0.60	6
720412		19.4	9.0	8.3	1.500	0.000	350	2.60	0.8	1033			1.30	
720315		8.9	4.8	7.4	0.040	0.012	3000	0.70	1.4	747			0.68	1000
720207		3.6	11.1	7.6	5.200	0.008	29000	12.30	0.7	1600			0.90	12

JMAA01 PRAIRIE DU PONT CREEK
ROUTE 163 BRIDGE 4 MI NORTH OF MILLSTADT --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740731	0.0	0.000	0.00	0.00	0.00	0.000	0.7	0.01	0.50	0.0	0.000	0.0	0.4	
740411	0.1	0.000	0.00	0.00	0.00	0.000	3.6	0.02	0.32	0.0	0.000	0.0	0.2	
731015	0.0	0.000	0.00	0.00	0.00	0.000	1.2	0.01	0.83	0.0	0.000	0.0	0.6	
720913	0.1	0.000	0.00	0.00	0.04	0.000	0.3	0.01	1.35	0.0	0.000	0.0	0.3	
720510	0.0	0.000	0.00	0.00	0.06	0.000	0.5	0.02	1.18	0.0	0.000	0.0	0.6	
720315					0.98	0.000			7.80					

JMAA01 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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740731				0.000	0.2			0.3	0.00					
740411				0.000	0.2			0.4	0.00					
731015				0.000	0.3			0.2	0.00					
720913				0.000	1.0	0.00			0.00					
720816								0.0						

JMAC01 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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		20.0	2.3	7.2	0.620	0.015	2100	0.27	0.5	142			0.20	
740805		21.1	2.6	7.7	0.200	0.005	0	0.08	0.9	417			0.20	
740701		23.9	10.2	8.3	0.880	0.010	490	0.05	0.9	1000			0.50	
740603		17.8	8.4	7.6	0.190	0.010	2700	0.20	1.2	483			0.30	
740508		10.6	9.5	7.5	0.390	0.010	800	0.25	0.7	700	90	105	0.40	
740410		11.1	11.0	8.0	0.220	0.010	250	0.10	3.1	650			0.30	
740326		12.8	0.6	7.6	0.440		1900	0.20	1.2	517			0.30	
740211			12.9	7.9	0.520	0.000	3500	0.50	2.4	967	34	205	0.50	
740114			13.1	7.8	0.340	0.005	710	0.55	2.4	1033			0.60	
731210		0.6	13.3	8.2	0.490	0.005	1600	0.12	1.9	583			0.40	
731119		8.9	15.8	8.5	1.300	0.015	53000	1.00	2.5	1067	50	240	0.60	
731015		21.1	11.3	8.4	1.100	0.010	4300	0.20	2.9				0.60	
731002		20.6	10.7	8.3	0.220	0.010	450	0.20	0.8	1267			0.50	
730822		29.4	19.2	9.2	0.050	0.005	10	0.05	0.0	867			0.30	
730709		25.6	10.6	8.3	0.440	0.005	80	0.10	2.1	1133			0.70	
730611		25.6	7.0	8.1	0.380	0.005	5100	0.05	1.3	817			0.50	
730514		15.6	9.7	8.1	0.370	0.005	1300	0.25	1.9	850			0.60	
730409		6.7	10.1	7.8	0.270	0.080	4300	0.34	0.4	500			0.50	
730312		12.2	8.5	7.7	0.640	0.010	1700	0.40	1.2	600			0.40	
730214		3.9	8.7	7.8	0.730	0.041	1200	0.25	2.0	833			0.70	
730108		0.6	11.9	7.7	0.590	0.000	840	0.46	2.6	1100			0.70	
721212		3.3	10.7	7.4	2.800	0.034	22000	0.25	1.0	3000			1.60	
721113		5.6	9.4	7.0	2.000	0.015	25000	0.68	0.6	267			0.30	
721011		18.3		9.0	1.500	0.010	500	0.15	3.1	983			1.10	
720913		22.8	6.3	8.0	1.400	0.000	2000	0.17	1.8	950	85	200	1.00	13
720816		23.3	10.6	8.0	0.350	0.005	1100	0.15	3.1	850			0.60	
720719		33.3	10.2	8.1	1.190	0.015	260	0.20	0.5	550			1.20	
720710		21.7	11.0	7.9	0.720	0.000	1900	0.15	0.0	883				
720613		32.2	14.9	8.8	0.420	0.010	110	0.15	0.0	883			0.70	
720509		20.6	11.2	8.4	0.060	0.000	560	0.05	0.0	917	33	270	0.50	45

JMAC01 HARDING DITCH CANAL NO 1
STATE STREET BRIDGE NORTHEAST OF HOLTEN STATE PARK --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740508	0.0	0.000	0.00	0.00	0.00	0.000	0.8	0.02	0.62	0.0	0.000	0.0	0.2	
740211	0.0	0.000	0.00	0.00	0.05	0.000	8.0	0.01	0.77	0.0	0.000	0.1	0.4	
731119	0.0	0.010	0.00	0.00	0.02	0.000	0.8	0.01	0.37	0.2	0.000	0.1	0.5	
720913	0.0	0.000	0.00	0.00	0.06	0.000	0.8	0.01	0.20	0.0	0.000	0.0	0.5	
720509	0.0	0.000	0.00	0.00	0.03	0.000	4.5	0.03	0.55	0.0	0.000	0.1	0.4	

JMAC01 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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740508				0.002	0.2			0.0	0.00					
740211				0.000	0.2			0.0	0.00					
731119				0.000	0.3				0.00					
720913				0.000	0.7	0.00			0.00					
720816								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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		21.1	1.8	7.4	0.650	0.000	1900	0.28	0.5	142			0.20	
740805		21.1	1.8	7.5	0.230	0.005	29000	0.12	0.9	433			0.20	
740701		24.4	7.2	7.4	0.350	0.005	16000	0.58	0.9	750			0.60	
740603		18.3	7.8	7.6	0.210	0.005	1900	0.20	1.2	583	13	130	0.30	
740508		11.7	9.1	8.0	0.150	0.005	140	0.05	1.0	950			0.30	
740410			10.5	8.1	0.250	0.015	240	0.75	1.9	733			0.40	
740326			11.5	7.8	0.200		60	1.40	1.7	750	68	110	0.50	
740211		1.1	12.0	7.9	0.220	0.005	160	2.00	1.7	783			0.50	
740114			9.9	7.7	0.400	0.010	6900	3.00	1.4	1300			0.70	
731210		0.6	12.6	8.0	0.160	0.005	320	2.00	1.2	767	70	100	0.40	
731119		8.9	10.0	7.9	0.300	0.010	40	2.20	1.5	750			0.60	
731015		20.0	6.0	7.9	0.400	0.020	36000	2.80	1.3				0.60	
730910		23.9	4.6	8.0	0.960	0.000	3900	0.30	0.1	650			0.60	
730828		27.2	5.0	8.0	0.580	0.005	130	0.30	0.1	567			0.50	
730709		28.3	4.8	7.2	0.280	0.005	340	0.25	0.1	683			0.80	
730611		25.0	4.8	7.7	0.400	0.005	2100	0.40	0.6	600			0.40	
730514		15.6	8.4	7.8	0.250	0.008	600	1.10	1.4	683			0.90	
730409		10.0	8.5	7.9	0.470	0.012	5000	1.50	1.4	750			0.70	
730314		13.9	8.0	8.0	0.700	0.007	5500	2.10	1.5	567			0.70	
730210		3.9	12.3	7.9	0.220	0.008	14000	7.40	2.4	800			0.90	
730108		1.7	13.2	7.2	0.100	0.000	90	3.50	2.8	733			1.30	
721212		0.6	11.1	7.1	0.600	0.009	300	4.30	2.6	800			1.00	
721113		5.6	8.5	7.0	2.000	0.015	31000	0.75	4.3	333			0.50	
721010		12.8	9.4	8.2	0.220	0.000	190	0.50	0.7	717	26	160	0.70	
720911		23.9	8.3	7.8	0.340	0.000	800	0.20	0.2	650			1.00	
720814		28.3	6.5	6.9	0.330	0.005	590	0.20	0.0	633	80	180	0.50	50
720612		22.2	8.3	7.7	0.040	0.005	44000	0.75	0.5	767			0.90	
720508		17.8	6.3	8.1	0.030	0.010	6000	0.20	1.0	600	56	130	0.60	20
720410		13.3	10.0	7.7	0.060	0.000	2500	2.60	1.8	800	73	150	0.77	30
720313		11.7	7.6	7.8	0.200		2100			747	74		0.96	130

JN 01 CAHOKIA CANAL
ROUTE 3 CULVERT NEAR NATIONAL CITY --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740603	0.0	0.000	0.00	0.00	0.00		1.1	0.00	0.29	0.0	0.000	0.0	0.4	
740326	0.0	0.000	0.00	0.00	0.00		1.4	0.02	0.30	0.0	0.000	0.0	0.5	
731210	0.0	0.000	0.00	0.00	0.00	0.000	1.8	0.02	0.25	0.0	0.000	0.1	0.7	
721010	0.2	0.000	0.00	0.00	0.00	0.000	1.0	0.01	0.27	0.0	0.000	0.0	0.7	
720814	0.2	0.000	0.00	0.03	0.17	0.000	2.8	0.08	0.42	0.0	0.000	0.0	0.5	
720508	0.0	0.000	0.00	0.00	0.06	0.000	1.1	0.04	0.29	0.0	0.000	0.1	0.5	
720410	0.2	0.000	0.00	0.00	0.10	0.000	1.8	0.06	0.35	0.0	0.000	0.2	0.6	
720313		0.000	0.00	0.00	0.03	0.000		0.01		0.0		0.1		

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740603				0.001	0.1			0.0	0.00					
740326				0.000	0.2			1.4	0.00					
731210				0.000	0.2			0.2	0.00					
721010				0.000	0.2			0.0	0.00					
720911								0.0						
720814				0.000	0.2	0.03			0.00					
720313						0.00	0.00	0.0		200				

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		21.1	2.3	7.3	0.630	0.010	1900	0.30	0.7	142			0.20	
740805		21.1	2.2	7.7	0.180	0.005	30000	0.10	1.0	467			0.30	
740701		24.4	8.6	7.7	0.220	0.000	820	0.10	0.3	833	20	145	0.30	
740603		17.2	7.7	7.6	0.220	0.005	170	0.20	1.1	583			0.30	
740506		17.8	13.6	8.2	2.500	0.005	10	0.10	0.9	800			0.20	
740410		11.1	10.1	8.0	0.530	0.000	110	0.45	1.9	767			0.30	
740326		10.0	12.8	7.8	0.160	0.005	630	0.20	1.0	717			0.30	
740211			11.8	7.9	0.200	0.000	200	0.25	1.4	833			0.30	
740114			10.9	7.7	0.200	0.000	590	0.40	1.1	883			0.50	
731210		2.8	11.5	8.0	0.280	0.005	750	0.30	0.8	733			0.20	
731127		8.9	8.7	7.5	0.750	0.015	2600	0.25	1.3	400			0.40	
731015		20.0	6.7	7.8	0.420	0.010	1600	0.18	0.2		18	120	0.10	
731002		18.3	4.5	7.5	0.260	0.005	200	0.15	0.2	850			0.30	
730822		21.7	5.2	7.9	0.300	0.000	10	0.15	0.0	733			0.00	
730709		25.6	5.2	7.8	0.280	0.005	850	0.25	0.5	817				
730611		25.6	5.4	7.8	0.420	0.000	1600	0.10	1.0	717			0.40	
730514		12.8	10.5	7.8	0.300	0.000	500	0.38	1.3	733			0.60	
730409		10.0	8.7	7.8	1.100	0.008	7600	0.44	0.7	483			0.40	
730314		13.3	8.8	8.5	0.230	0.008	2300	0.50	1.4	517			0.50	
730219		3.9	11.5	7.9	0.280	0.000	1400	0.15	1.2	750			0.50	
730108		1.7	9.2	8.0	0.670	0.000	3100	0.28	2.4	917			0.70	
721212		0.0	11.7	7.8	0.780	0.010	2400	0.33	1.4	750			0.70	
721113		5.6	7.5	6.6	2.200	0.015	18000	0.62	0.6	267			0.30	
721011		17.8	8.4	7.8	2.600	0.000	44000	7.20	0.5	733			1.30	
720912		25.0	7.0	7.6	1.500	0.000	17000	1.70	1.8	850	38	160	0.80	50
720815		27.8	7.1	7.7	1.290	0.005	26000	1.11	0.7	783			0.80	
720613		24.4	8.6	8.1	0.550	0.005	6500	2.25	0.0	850			0.60	
720509		18.3	9.6	8.3	0.440	0.000	1500	0.13	0.0	817	28	180	0.50	20
720412		15.6	7.0	7.6	0.070	0.000	7400	0.48	1.3	367			0.57	
720315		8.9	7.4	7.9	1.770	0.010	17000	1.50	2.4	868			1.10	
720207		3.3	12.3	7.5	1.260	0.000	1200	2.50	2.1	953			1.00	20

JN 02 CAHOKIA CANAL
SAND PRAIRIE LANE BRIDGE SOUTHEAST HORSESHOE LAKE --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740701	0.2	0.000	0.00	0.00	0.00	0.000	1.2	0.00	0.52	0.1	0.000	0.0	0.3	
731015	0.2	0.000	0.00	0.00	0.00	0.000	4.3	0.00	0.57	0.0	0.000	0.0	0.4	
720912	0.2	0.000	0.00	0.00	0.12	0.000	3.6	0.06	0.50	0.0	0.000	0.1	0.3	
720509	0.0	0.000	0.00	0.00	0.04	0.000	1.5	0.01	0.52	0.0	0.000	0.0	1.7	

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	MBE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740701				0.000	0.2			0.0	0.00					
731015				0.000	0.1			0.0	0.00					
720912				0.000	0.7	0.00			0.00					
720815								0.8						

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		20.0	2.3	7.3	0.650	0.095	2100	0.26	0.6	142	13	10	0.20	
740805		21.1	2.2	7.7	0.250	0.000	0	0.02	1.0	450	13	25	0.30	
740701		24.4	7.5	7.7	3.600	0.005	0	6.00	0.9	1067			0.60	
740603		18.3	8.6	7.6	0.290	0.005	2100	0.05	1.0	533			0.30	
740506		8.3	13.7	8.2	0.860	0.010	10	0.30	1.5	850	28	175	0.30	
740410		11.1	9.9	7.9	0.280	0.005	620	0.10	1.1	717			0.30	
740326		10.6		7.9	0.660	0.005	10	0.50	1.8	817			0.50	
740211		0.0	12.9	8.1	0.800	0.000	10	1.10	2.2	950	40	225	0.50	
740114			12.3	7.9	1.100	0.005	10	1.80	1.9	1050			0.60	
731210		1.1	12.9	8.0	1.400	0.005	10	0.70	3.0	1030			0.50	
731127		8.3	9.8	7.7	0.860	0.005	10	0.70	1.4	667	24	140	0.50	
731015		19.4	8.0	7.8	8.000	0.015	10	1.50	8.8				1.30	
731002		18.3	8.0	7.8	5.200	0.012	10	0.75	7.0	1617			1.10	
730822		28.3	8.5	8.0	8.000	0.010	30	0.05	9.5	1183	83	300	1.80	
730709		26.1	7.3	8.1	1.200	0.005	520	0.10	4.3	1167			1.30	
730611		25.6	7.3	8.0	0.620	0.000	5400	0.05	2.4	883			0.60	
730514		12.8	8.8	8.0	0.500	0.005	1300	0.30	2.7	883	30	260	0.70	
730409		9.4	8.6	7.5	1.500	0.012	6200	0.50	1.2	600			0.50	
730314		13.3	7.8	8.0	0.930	0.010	3700	0.33	0.6	417			0.40	
730214		3.9	11.0	7.9	0.690	0.006	37000	1.10	2.0	783	44	145	0.90	
730108		1.7	11.8	7.7	0.550	0.007	1600	0.40	2.1	750			0.70	
721212		0.0	11.4	7.6	0.740	0.007	1600	0.45	1.3	567			0.60	
721113		5.6	9.3	6.9	2.600	0.013	45000	0.67	0.6	283			0.30	
721011		22.8	14.8	8.9	0.110	0.000	10	0.13	1.3	1083			0.70	
720912		31.7	10.0	7.9	0.360	0.005	1300	0.17	1.2	833	30	350	0.60	17
720815		33.9	6.4	7.9	0.230	0.005	12000	0.09	0.9	767			0.50	
720613		32.2	11.2	8.6	0.250	0.005	20	0.20	0.0	1467			0.50	
720509		18.9	8.9	8.4	0.120	0.002	960	0.05	0.2	867	29	260	0.50	50
720412		15.6	8.0	7.8	0.010	0.000	2400	0.25	1.0	500			0.57	
720315		8.9	9.4	7.9	0.280	0.008	7000	0.30	0.9	657	41	110	0.67	300
720207		4.4	12.7	7.6	0.050	0.000	10	1.00	1.9	1233			0.70	10

JNA 01 CANTEEN CREEK
SAND PRAIRIE LANE BRIDGE SOUTHEAST HORSESHOE LAKE --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740903	0.0	0.000	0.00	0.00	0.00	0.000	4.2	0.02	0.20	0.0	0.000	0.0	0.3	
740805	0.0	0.000	0.00	0.00	0.00	0.000	6.0	0.02	0.33	0.0	0.000	0.0	0.3	
740506	0.2	0.015	0.00	0.00	0.00	0.000	1.8	0.02	0.71	0.0	0.000	0.4	0.5	
740211	0.0	0.000	0.00	0.00	0.06	0.000	7.0	0.06	1.60	0.0	0.000	1.0	0.3	
731127	0.0	0.000	0.00	0.00	0.01	0.000	2.0	0.01	1.13	0.0	0.000	0.3	0.3	
730822	0.0	0.000	0.00	0.00	0.00	0.000	1.0	0.01	0.59	0.0	0.000	0.1	0.7	
730514	0.2	0.000	0.00	0.00	0.20	0.000	3.3	0.04	0.75	0.0	0.000	0.4	0.3	
730214		0.000	0.00	0.00	0.37	0.000	7.1	0.05	0.95			0.7	0.3	
721113		0.000	0.00	0.02	0.05	0.000	28.0	0.03	0.42	0.1		0.2		
720912	0.0	0.000	0.00	0.02	0.06	0.000	0.4	0.02	0.65	0.0	0.000	0.1	0.3	
720509	0.0	0.000	0.00	0.00	0.05	0.000	1.4	0.03	1.00	0.0	0.000	0.5	0.3	
720315					0.77	0.000	21.0		2.60					

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740903				0.000	0.5			0.0	0.00					
740805				0.000	0.2			0.0	0.00					
740506				0.001	0.2			0.0	0.00					
740211				0.000	0.2			0.0	0.00					
731127				0.000	0.2			0.3	0.00					

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
730822				0.000	0.9			0.0	0.00					
730514				0.000				0.0	0.00					
730214								0.0						
721011								0.0						
720912				0.000	0.5	0.02			0.00					
720815								0.0						

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903	8.3		1.7	7.3	0.630	0.000	1400	0.27	0.5	142	15	10	0.30	
740807	0.62	21.1	1.4	7.0	0.100	0.005	150	0.28	0.3	267			0.10	
740701	4.1	23.9	11.1	8.0	0.060	0.005	0	0.05	0.3	1083			0.30	
740603	19	17.8	7.8	7.6	0.200	0.005	2100	0.20	1.4	700	55	68	0.40	
740506	12	17.8	13.3	8.2	0.910	0.015	10	0.45	0.0	583			0.40	
740410	34	11.1	11.4	7.9	0.160	0.005	30	0.10	0.0	467			0.20	
740326	34	12.8		7.8	2.200	0.010	26000	0.95	1.5	833	38	160	0.50	
740211	15	0.0	13.2	7.9	0.100	0.000	140	0.25	2.0	900			0.40	
740114	11		12.9	7.4	0.240	0.000	2900	0.75	1.9	983			0.70	
731210	7.3		12.8	7.9	0.160	0.005	1200	0.55	1.7	967	30	270	0.30	
731119	3.2	9.4	7.5	6.9	0.000	0.015	200	1.40	1.0	1167			0.50	
731015	2.6	20.6	8.5	6.9	0.040	0.010	390	1.40	1.3				0.50	
731002	1.9	18.0	7.5	6.9	0.020	0.020	260	1.30	1.3	1667			0.60	
730822	1.0	23.3	9.4	8.0	0.140	0.000	20	0.10	1.2	1350			0.50	
730709	7.1	26.1	7.4	8.0	0.260	0.010	21000	0.15	2.2	1133			0.80	
730611	13	25.6	7.7	7.9	0.180	0.000	600	0.10	2.0	883			0.50	
730514	28	12.8	9.6	7.9	0.090	0.002	890	0.35	2.1	883			0.60	
730409	102	7.2	8.2	7.5	1.100	0.010	9600	0.50	0.7	450			0.40	
730312	70	8.9	9.7	7.5	0.350	0.010	5700	0.33	2.0	717			0.60	
730214	33	3.9	11.5	7.7	0.120	0.000	5800	0.41	2.4	800			0.80	
730108	18	0.6	12.3	7.6	0.180	0.000	400	0.26	2.7	883			0.70	
721212	146	0.0	11.9	7.4	1.100	0.009	100	0.15	1.0	550			0.70	
721113	210	5.0	7.6	6.5	1.900	0.010	44000	0.75	0.6	200			0.30	
721011	0.68	15.6	11.2	8.1	0.200	0.008	450	0.21	2.6	1150	44	470	0.80	
720912	1.8	26.1	7.1	7.7	0.270	0.000	22000	0.59	1.3	1033			0.40	
720815	2.4	29.4	6.5	7.7	0.210	0.005	250	0.09	1.5	867			0.60	
720719	0.64	27.8	8.2	7.3	0.280	0.010	5000	0.14	1.3	1283			0.80	
720710	2.2	21.1	8.8	7.7	0.130	0.000	2300	0.20	1.6	1433			0.80	
720613	0.58	28.3	9.1	8.1	0.040	0.010	250	0.15	0.6	1417	42	320	0.40	12
720509	12	17.8	9.6	8.3	0.110	0.000	640	0.05	1.0	883			0.50	
720412	148	13.9	8.2	7.5	0.030	0.000	3100	0.26	1.3	500			0.63	
720314	6.6	12.8	11.3	7.8	0.200	0.008	480	0.10	1.0	970			0.65	
720207	3.5	0.6	11.0	7.3	0.080	0.000	90	1.10	2.2	1260			0.70	30

JNA 02 CANTEEN CREEK
ROUTE 157 BRIDGE AT CASEYVILLE --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740903	0.0	0.000	0.00	0.00	0.00	0.000	4.3	0.02	0.20	0.0	0.000	0.0	0.2	
740603	0.0	0.000	0.00	0.00	0.04	0.000	1.2	0.01	0.49	0.0	0.000	0.0	0.2	
740326	0.0	0.000	0.00	0.00	0.18		2.7	0.07	0.30	0.0	0.000	0.1	0.3	
731210	0.0	0.010	0.00	0.00	0.00	0.000	4.6	0.04	2.15	0.0	0.000	1.3	0.3	
721011	0.0	0.010	0.00	0.00	0.10	0.000	0.5	0.03	3.20	0.0	0.010	1.1	0.4	
720613	0.0	0.000	0.00	0.00	0.13	0.000	0.8	0.16	2.70	0.0	0.000	0.4	0.4	

JNA 02 CANTEEN CREEK
ROUTE 157 BRIDGE AT CASEYVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740903				0.000	0.5			0.2	0.00					
740603				0.001	0.2			0.2	0.00					
740326				0.000	0.2			0.0	0.00					
731210				0.000	0.3			0.2	0.00					
721011				0.000	0.5			0.0	0.00					
720912								0.5						
720815								0.0						

JNF 01 HORSESHOE LAKE
BEND ROAD OFF ROUTE 203 AT ALTON AND SOUTHERN RAILROAD BRIDGE
LAB: BARION

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		20.0	2.5	7.3	0.950	0.000	1200	0.32	0.5	142	13	10	0.40	
740805		21.1	2.2	7.6	0.230	0.000	40000	0.10	0.8	433	9	70	0.20	
740701		24.4	8.0	8.1	0.180	0.005	70	1.10	0.7	667			0.70	
740603		17.8	6.9	7.6	0.220	0.005	2600	0.20	1.1	600			0.30	
740508		9.4	10.3	7.7	0.210	0.010	100000	0.25	0.1	917	10	120	0.30	
740410		11.1	10.4	8.1	0.230	0.015	700	1.10	2.0	750			0.50	
740326			11.4	7.7	0.180	0.005	600	0.25	1.0	717			0.30	
740211			15.0	9.1	0.720	0.005	10	0.35	0.2	417	53	48	0.40	
740114			1.4	7.4	0.160	0.010	10	0.85	0.0	583			0.50	
731210		0.0	14.2	8.1	0.080	0.005	20	2.20	1.0	633			0.40	
731127		8.9	14.1	8.6	0.150	0.010	20	1.30	0.6	567	85	55	0.50	

JNF 01 HORSESHOE LAKE
BEND ROAD OFF ROUTE 203 AT ALTON AND SOUTHERN RAILROAD BRIDGE --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740903	0.0	0.000	0.00	0.00	0.00	0.000	4.4	0.02	0.20	0.0	0.000	0.0	0.2	
740805	0.0	0.000	0.00	0.00	0.00	0.000	0.6	0.01	0.35	0.0	0.000	0.0	0.4	
740508						0.000							0.2	
740211	0.0	0.000	0.00	0.00	0.00	0.000	0.3	0.02	0.09	0.0	0.000	0.0	0.8	
731127	0.0	0.000	0.00	0.00	0.00	0.000	0.6	0.01	0.15	0.0	0.000	0.0	1.8	

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740903				0.000	0.5			0.0	0.00					
740805				0.000	0.2			0.0	0.00					
740508					0.0									
740211				0.000	0.1			0.0	0.00					
731127				0.000	0.1			0.0	0.00					

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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740903		20.0	2.8	7.3	0.630	0.005	2400	0.27	0.5	142	15	10	0.10	
740805		21.1	1.6	7.7	0.280	0.005	700	0.02	1.1	483			0.30	
740701		24.4	8.7	8.0	0.280	0.000	40	0.21	0.1	417			0.30	
740603		18.3	7.7	7.4	0.250	0.005	20	0.20	1.1	583	13	135	0.30	
740506		17.8	12.9	8.2	0.230	0.010	30	0.35	0.0	450			0.20	
740410		11.1	12.1	8.2	0.320	0.015	200	0.05	0.1	433			0.20	
740326		10.6	18.2	8.4	0.180		10	0.20	0.0	417	17	33	0.20	
740211		1.7	11.5	8.0	0.120	0.000	310	0.80	0.4	417			0.20	
740114			2.2	7.5	0.220	0.005	610	0.95	0.1	467			0.50	
731210		0.6	11.6	8.1	0.200	0.005	1400	0.25	0.2	400	8	28	0.20	
731127		8.9	9.2	8.0	0.260	0.005	2000	0.00	0.2	400			0.20	

JOAA01 LONG LAKE
0.25 MI WEST OF ROUTE 111 AT PONTOON AVENUE BRIDGE --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740903	0.0	0.000	0.00	0.00	0.00	0.000	4.4	0.02	0.15	0.0	0.000	0.0	0.3	
740603	0.0	0.000	0.00	0.00	0.03		1.3	0.02	0.49	0.0	0.000	0.0	0.4	
740326	0.0	0.000	0.00	0.00	0.00		3.9	0.05	0.09	0.0	0.000	0.0	0.3	
731210	0.0	0.000	0.00	0.00	0.00	0.000	0.5	0.02	0.05	0.0	0.000	0.0	0.3	

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740903				0.000	0.5			0.0	0.00					
740603				0.000	0.1			0.0	0.00					
740326				0.000	0.5			0.3	0.00					
731210				0.000	0.3			0.2	0.00					

JQ 01 CAHOKIA DIVERSION CANAL
ROUTE 3 BRIDGE 1 MI SOUTH OF HARTFORD
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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910		25.6	9.7	8.1	0.210	0.000	3000	0.05	0.7	517			0.20	
740805		21.1	1.6	7.7	0.180	0.005	1300	0.02	0.2	517			0.10	
740701		25.0	9.0	8.6	0.120	0.000	90	0.10	0.1	1633			0.50	
740603		17.8	7.9	7.5	0.350	0.005	270	0.05	1.0	517			0.30	
740508		10.0	9.1	7.8	0.280	0.015	700	0.10	0.1	600			0.30	
740410		10.0	10.4	7.8	0.270		5900	0.15	2.1	517	12	110	0.30	
740312		7.8	9.8	7.7	0.680		11000	0.25	1.1	433			0.20	
740225		2.8	13.3	7.9	0.290	0.005	2400	0.20	1.3	550			0.30	
740128		5.0	11.0	7.9	0.260	0.000	1500	0.80	1.4	417	18	92	0.30	
731211		1.1	13.1	8.1	0.230	0.005	36000	0.38	1.2	767			0.30	
731127		8.9	9.2	7.7	0.610	0.010	23000	0.25	1.0	433			0.30	
731016		16.1	7.8	7.9	0.400	0.010	1700	0.18	0.8		19	190	0.50	
730910		21.7	5.6	7.4	0.660	0.005	29000	0.15	0.6	317			0.30	
730822		26.1	13.9	8.6	0.300	0.005	120	0.05	0.0	500			0.10	
730725		27.8	4.8	7.7	0.380	0.010	1200	0.45	1.2	417			0.50	
730625		26.7	11.2	8.3	0.320	0.000	90	0.05	1.3	633			0.70	
730524		20.6	13.2	8.6	0.200	0.000	50	0.05	1.0	733			0.40	
730423		16.7	5.0	7.3	0.590	0.008	4400	0.64	0.1	217			0.20	

JQ 01 CAHOKIA DIVERSION CANAL
ROUTE 3 BRIDGE 1 MI SOUTH OF HARTFORD --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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730314		12.8	8.5	7.8	0.970	0.008	6200	0.58	1.5	633			0.60	
730214		1.7	12.4	7.8	0.490	0.006	300	0.15	2.0	533			0.60	
730109		0.0	12.7	8.2	0.220	0.000	2000	0.55	1.8	783			0.60	
721204		0.6	11.3	8.1	0.490	0.000	340	0.60	1.7	800			0.40	
721102		11.1	5.7	7.6	0.720	0.010	120000	0.76	1.1	330			0.50	
721010		15.6	14.5	8.9	0.240	0.000	200	0.16	0.5	867			0.70	
720912		26.1	11.9	9.1	0.170	0.005	40	0.30	0.1	617			0.50	
720815		27.2	5.2	8.1	0.220	0.005	500	0.13	0.0	717	36	240	0.40	18
720719		27.2	7.4	8.2	0.240	0.000	70	0.20	0.1	617			0.60	
720710		22.2	8.6	7.7	0.150	0.030	10	0.28	0.3	900			0.90	
720613		25.6	11.3	8.6	0.100	0.010	10	0.20	0.0	850			0.40	
720509		16.7	9.0	8.2	0.190	0.000	1400	0.06	0.0	700			0.50	
720411		14.4	10.7	8.4	0.130	0.000	390	0.23	0.5	817	28	220	0.44	50
720310		10.6	11.1	8.5	0.740	0.005	10	0.10	0.5	960	53	190	0.55	55
711210		5.0	10.6	7.4	0.163		2900	1.30	0.5					75
711101		17.2		8.4	0.783		100000	0.10	0.0					95
710927		22.8	13.4	8.3	0.196		200	1.40	0.0					70
591110		8.9	9.4	7.3							13	222		55
581021			9.3	7.8							18			
581008		25.6	16.6	8.5				0.00			24	146		60

JQ 01 CAHOKIA DIVERSION CANAL
ROUTE 3 BRIDGE 1 MI SOUTH OF HARTFORD --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740410	0.0	0.000	0.00	0.00	0.00	0.000	4.4	0.02	0.14	0.0	0.000	0.0	0.2	
740128	0.2	0.000	0.00	0.00	0.00	0.000	7.8	0.04	0.33	0.0	0.000	0.0	0.3	
731016	0.0	0.000	0.00	0.00	0.00	0.000	2.2	0.01	0.27	0.0	0.000	0.1	0.6	
720815	0.1	0.000	0.00	0.00	0.10	0.000	1.0	0.04	1.02	0.0	0.000	0.1	0.7	
720411	0.0	0.000	0.00	0.00	0.13	0.000	1.2	0.06	0.52	0.0	0.000	0.1	0.5	
720313						0.000	1.8		0.78				0.4	
591110														122
581021														176
581008						0.000	0.5		1.00				0.5	196

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	HOL (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740701											1010			
740410				0.000	0.2			0.2	0.00					
740128				0.000	0.8	0.00		0.0	0.00					
731016				0.000	0.0			0.2	0.00					
720912								0.0						
720815				0.000	0.5	0.00			0.00					
720313							0.11							
711213		10												
711101		23												
710927		23												
591110	3											288		
581021	8											256		
581008	11											330		

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910	24	25.6	10.4	8.0	0.290	0.000	17000	0.05	0.8	517			0.20	
740805	17	25.6	2.0	7.7	0.280	0.005	610	0.05	1.2	500	14	25	0.30	
740702	18	26.7	10.5	8.1	0.090	0.000	330	0.00	0.0	733			0.30	
740603	191	18.3	7.4	7.3	0.350	0.005	930	0.10	1.0	533			0.30	
740508	44	10.0	9.9	8.0	0.350	0.005	410	0.10	0.7	683	18	110	0.50	
740410	243	11.1	10.1	8.0	0.230	0.005	520	0.05	0.9	550			0.20	
740312	250	8.9	10.9	7.7	0.540	0.015	6200	0.30	0.9	433			0.20	
740225	418	2.2		7.8	0.260	0.005	440	0.15	1.4	533	10	100	0.30	
740128	1740	5.0	11.0	7.7	0.600	0.000	3200	1.20	1.0	280			0.20	
731211	78	0.6	13.3	8.1	0.080	0.000	740	0.20	1.0	750			0.20	
731127	584	8.3	9.6	7.8	0.540	0.010	25000	0.25	1.1	433	14	91	0.30	
731016	35	16.7	8.9	8.1	0.140	0.015	1200	0.08	0.5				0.20	
730910	211	21.7	6.7	7.7	0.580	0.005	50000	0.20	0.4	333			0.30	
730822	9.0	22.2	8.2	8.3	0.080	0.000	10	0.00	0.0	667			0.10	
730725	48	27.2	6.9	7.9	0.280	0.000	3600	0.20	0.6	483			0.30	
730625	52	26.1	7.9	8.1	0.260	0.005	740	0.00	0.8	617			0.40	
730524	62	17.8	10.0	8.3	0.080	0.007	10	0.10	0.3	583			0.60	
730423	5010	18.9	6.1	7.6	0.460	0.008	2900	0.55	0.0	233			0.30	
730312	600	8.9	9.0	7.6	0.570	0.012	2000	0.50	0.5	300			0.30	
730214	404	2.2	11.9	7.7	0.500	0.008	2700	0.40	1.8	550			0.60	
730109	100	0.0	12.3	7.8	1.300	0.010	52000	6.20	1.5	1617			1.10	
721204	28	0.0	8.2	7.7	1.200	0.000	49000	6.20	0.7	967			1.00	
721102	945	9.4	6.3	7.5	0.660	0.015	51000	1.00	0.9	467			0.60	
721011	0.50	15.6	9.3	8.1	0.130	0.000	880	0.16	0.1	683			0.50	
720912	0.70	25.0	10.3	8.2	0.210	0.005	930	0.15	0.1	483	13	90	0.40	60
720815	7.6	28.9	12.2	8.0	0.580	0.005	40	0.45	0.0	533			0.50	
720613	8.6	25.6	10.2	8.3	0.040	0.010	530	0.20	0.0	733			0.20	
720509	67	16.1	10.3	8.2	0.050	0.000	110	0.06	0.1	750	15	220	0.40	10
720411	560	15.6	13.8	8.3	0.020	0.000	10	0.15	0.2	750			0.44	
720314	95	11.7	11.6	7.8		0.008	1700		0.8	807	28			
720207	13	0.6	15.0	7.5	0.030	0.000	20	0.80	0.8	953			0.30	10

JQ 02 CAHOKIA CREEK
ROUTE 159 BRIDGE 1 MI NORTHWEST OF EDWARDSVILLE --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740805	0.0	0.000	0.00	0.00	0.00	0.000	0.7	0.01	0.40	0.0	0.000	0.0	0.4	
740508	0.0	0.000	0.00	0.00	0.00	0.000	0.8	0.01	0.28	0.0	0.000	0.0	0.2	
740225	0.0	0.000	0.00	0.00	0.00	0.000	4.0	0.01	0.30	0.0	0.000	0.0	0.3	
731127	0.0	0.000	0.00	0.00	0.00	0.000	7.2	0.02	0.48	0.0	0.000	0.1	0.4	
720912	0.1	0.000	0.00	0.00	0.07	0.000	1.8	0.03	1.45	0.0	0.000	0.1	0.4	
720509	0.0	0.000	0.00	0.00	0.05	0.000	0.6	0.02	0.13	0.0	0.000	0.0	0.3	
720314		0.000	0.00	0.00		0.000		0.00	0.44	0.0		0.0	0.8	

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740805				0.000	0.2			0.0	0.00					
740508				0.002	0.2			0.0	0.00					
740225				0.000	0.1			0.2	0.00					
731127				0.000	0.1			0.2	0.00					
720912				0.000	0.4	0.00			0.00					
720815								0.0						
720314						0.00		0.0		200				

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910		25.6	9.8	7.9	0.280	0.000	10000	0.05	0.8	517			0.20	
740805		20.0	1.1	7.7	0.180	0.005	0	0.00	0.3	517			0.10	
740702			8.7	7.8	0.150	0.000	900	0.08	0.5	817			0.50	
740603		17.8	7.1	7.2	0.350	0.005	1100	0.10	1.1	533	10	100	0.30	
740508		9.4	9.1	7.7	0.860	0.010	250	0.05	1.0	617			0.30	
740410		6.7	10.1	7.7	0.250	0.005	1700	0.10	0.7	600			0.20	
740312		8.9	10.7	7.5	0.420	0.010	3300	0.25	0.7	533	16	150	0.20	
740225		1.7	12.6	7.6	0.230	0.005	910	0.25	1.1	650			0.30	
740128		4.4	11.1	7.6	0.290	0.000	14000	0.70	0.7	317			0.20	
731211			12.9	8.0	0.230	0.005	2300	0.40	1.0	800	16	175	0.30	
731126		8.9	9.6	7.5	0.840	0.010	38000	0.35	1.0	483			0.30	
731016		16.1	8.9	8.1	0.360	0.010	4100	0.18	0.6				0.20	
730910		21.7	6.8	7.6	0.280	0.005	36000	0.30	0.5	417			0.20	
730822		21.1	7.2	8.0	0.100	0.000	40	0.05	0.1	767			0.10	
730725		26.7	6.7	7.7	0.180	0.000	1500	0.25	0.9	367			0.40	
730625		26.1	7.1	7.9	0.120	0.005	760	0.05	1.0	750			0.40	
730524		17.8	9.1	8.1	0.100	0.007	1300	0.10	0.8	933			0.60	
730426		13.3	9.0	7.8	0.080	0.000	700	0.23	0.7	667			0.30	
730312		8.9	9.2	7.3	0.420	0.010	3200	0.25	0.7	467			0.30	
730214		2.8	11.9	7.3	0.520	0.008	1800	0.46	1.5	650			0.60	
730109		0.0	10.8	7.5	0.470	0.000	270	1.40	1.0	917			0.60	
721204		0.0	11.6	7.6	0.420	0.000	980	2.30	1.0	950			0.60	
721102		9.4	6.9	6.7	0.520	0.007	28000	1.60	1.1	550			0.70	
721010		10.0	10.1	7.9	0.400	0.008	310	0.15	0.5	883	37	280	0.70	
720912		26.1	9.9		0.380	0.000	340	0.20	0.8	900			0.80	
720815		27.2	9.9	7.8	0.270	0.000	10	0.10	0.1	917			0.50	
720719		23.3	4.6	7.1	0.220	0.010	1700	0.75	0.7	550			0.70	
720710		19.4	6.6	6.8	0.070	0.005	30	0.22	0.0	967			0.50	
720613		25.0	10.1	8.3	0.040	0.010	20	0.15	0.0	867	20	180	0.20	4
720509		14.4	10.3	8.1	0.080	0.000	110	0.06	0.1	867			0.40	
720410		10.6	10.9	7.9	0.300	0.000	80	0.39	0.6	967			0.51	
720314		10.0	11.2	7.5	0.020	0.008	1300	0.90	0.8	893	40	260	0.68	30
720207		0.6	8.7	7.2	0.500	0.013	39000	3.80	0.6	1125			0.83	18

JQ 03 CAHOKIA CREEK
COUNTY ROAD BRIDGE 4 MI NORTHEAST OF PRAIRIETOWN --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740603	0.0	0.000	0.00	0.00	0.05		5.8	0.02	0.18	0.0	0.000	0.0	0.3	
740312	0.0	0.000	0.00	0.00	1.12	0.000	9.2	0.24	0.25	0.0	0.000	0.2	0.4	
731211	0.0	0.000	0.00	0.00	0.00	0.000	2.4	0.02	0.72	0.0	0.000	0.1	0.4	
721010		0.000	0.00	0.00	0.00		0.3	0.00	0.27	0.0		0.0	0.5	
720613	0.0	0.000	0.00	0.00	0.06	0.000	0.4	0.02	0.35	0.0	0.000	0.0	0.5	
720314					0.24	0.005	2.8		0.80				0.4	

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740603				0.001	0.1			0.2	0.00					
740312				0.000	0.2			0.2	0.00					
731211				0.000	0.2			0.0	0.00					
721010								0.2						
720912								0.0						
720815								0.0						

JQ 04 CAHOKIA CREEK
ROUTE 138 BRIDGE 2 MI SOUTHEAST OF BENLO
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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740919		20.0	8.2	8.0	0.110	0.000	70	0.10	0.3	750			0.40	
740814		23.9	7.8	7.9	0.250	0.000	1000	0.10	0.9	817			0.30	
740716		20.3	8.2	8.1	0.020	0.000	40	0.00	0.1	817	8	135	0.30	
740613		19.4	8.1	7.9	0.090	0.000	230	0.10	1.5	700			0.40	
740514		16.7	8.6	7.5	0.050	0.000	500	0.10	0.4	717			0.40	
740416		10.6	10.1	7.9	0.100	0.000	50	0.20	0.7	817	10	190	0.20	
740321		5.0	9.6	7.3	0.200	0.000	130	0.30	0.8	733			0.20	
740221		5.0	11.0	7.7	0.190	0.000	120	0.30	1.3	583			0.40	
740128		3.9	11.6	7.4	0.290	0.000	2500	1.40	0.9	233	22	60	0.20	
731211		0.0	12.3	8.0	0.110	0.005	270	0.30	0.8	750			0.20	
731126		8.3	9.8	7.5	0.640	0.010	23000	0.40	1.0	417			0.30	
731016		12.8	9.5	7.9	0.080	0.010	3000	0.15	0.3		14	180	0.10	
730910		21.1	7.0	7.5	0.160	0.015	2600	0.50	0.3	383			0.30	
730822		19.4	7.6	7.8	0.020	0.000	20	0.00	0.1	733			0.10	
730725		26.1	6.7	7.8	0.180	0.000	4500	0.15	1.1	367			0.40	
730625		25.6	7.7	7.8	0.160	0.005	490	0.05	0.9	683			0.40	
730521		18.3		8.0	0.020	0.008	20	0.17	0.8	800			0.30	
730426		13.3	8.7	7.6	0.080	0.000	200	0.20	0.7	583			0.30	
730312		8.9	9.0	7.0	0.350	0.012	100	0.35	0.7	450			0.30	
730214		2.8	8.1	6.9	0.520	0.008	200	1.40	1.9	567			0.60	
730109		0.0	9.9	6.8	0.240	0.000	10	0.56	1.2	850			0.50	
721204		0.0	11.9	7.1	0.070	0.000	10	1.30	1.0	817			0.50	
721102		9.4	6.9	6.4	0.630	0.010	5800	2.30	1.6	433			0.70	
721010		10.0	9.4	7.2	0.010	0.000	60	0.36	0.9	1333			0.80	
720912		21.7	4.4	6.1	0.050	0.005	10	0.60	0.1	1517			0.30	
720815		27.2	11.5	7.1	0.010	0.005	80	0.09	0.0	833			0.40	
720719		22.2	4.4	3.3	0.010	0.015	10	1.00	0.4	4833	26	2200	0.50	
720710		18.3	5.7	6.4	0.030	0.000	80	0.23	0.1	1033			0.30	
720613		20.3	8.4	8.2	0.030	0.000	2	0.15	0.2	867	14	190	0.20	2
720509		15.0	9.4	7.9	0.020	0.000	100	0.06	0.2	800			0.40	
720410		10.6	10.1	7.5	0.010	0.000	80	0.58	0.4	917			0.44	
720314		11.7	9.7	7.0	0.010	0.010	70	0.90	0.9	893	48	250	0.68	60
720207		0.6	9.3	6.7	0.010	0.000	10	1.30	0.6	1313		490	0.40	75

JQ 04 CAHOKIA CREEK
ROUTE 138 BRIDGE 2 MI SOUTHEAST OF BENLO --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740716	0.1	0.000	0.00	0.00	0.00	0.000	0.2	0.00	0.35	0.0	0.000	0.0	0.4	
740416	0.1	0.000	0.00	0.00	0.00	0.000	6.0	0.00	0.25	0.0	0.000	0.1	0.4	
740128	0.2	0.000	0.00	0.02	0.02	0.000	17.0	0.04	0.57	0.1	0.000	0.1	0.2	
731016	0.0	0.000	0.00	0.00	0.00	0.000	0.5	0.01	0.37	0.0	0.000	0.1	0.6	
720719	0.0	0.020	0.00	0.06	2.28		176.0	1.40	11.60	0.4	0.010	4.2		
720613	0.0	0.000	0.00	0.00	0.04	0.000	0.3	0.02	0.28	0.0	0.000	0.0	0.4	
720314					0.13	0.000	6.0		0.77				0.4	
720207							10.6		2.12					

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740716				0.000	0.2	0.00		0.0	0.00					
740416				0.000	0.2	0.00		0.0	0.00					
740128				0.000	1.5	0.02		0.2	0.00					
731016				0.005	0.1			0.0	0.00					
720912								0.0						
720815								0.0						
720719									0.00				700	680

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910	2.1	25.6	8.6	7.9	0.240	0.000	6000	0.05	0.9	517			0.20	
740805	0.40	21.1	1.7	7.6	0.150	0.005	4000	0.02	0.3	500	16	70	0.10	
740702	2.7	26.7	10.4	8.2	0.180	0.005	310	0.08	1.6	667			0.70	
740603	24	18.3	7.1	7.5	0.480	0.005	900	0.20	1.1	583			0.30	
740508	8.4	10.0	9.7	7.9	0.280	0.010	80000	0.10	0.5	767	15	190	0.20	
740410	28	11.1	10.4	7.9	0.280	0.000	5000	0.15	1.2	517			0.30	
740312	37	8.9	10.3	7.5	0.330	0.020	4900	0.25	2.5	550			0.50	
740225	51	2.2	13.4	7.9	0.220	0.000	240	0.10	4.5	633	17	100	0.60	
740128	321	4.4	10.9	7.7	0.560	0.000	3400	1.40	1.4	233			0.30	
731211	9.8	0.0	13.2	8.1	0.290	0.000	640	0.18	4.6	417			0.30	
731127	38	8.3	9.8	7.8	0.540	0.010	7100	0.20	2.6	467	16	76	0.30	
731016	1.2	15.6	7.3	8.0	0.380	0.010	3000	0.15	0.5				0.40	
730910	15	21.7	6.7	7.6	0.840	0.015	42000	0.20	0.8	300			0.50	
730822	0.20	21.7	7.6	8.1	0.180	0.005	30	0.05	0.7	683			0.10	
730725	13	27.2	5.6	7.7	0.520	0.000	12000	0.55	1.4	333			0.40	
730625	10	26.1	8.5	8.2	0.220	0.000	1100	0.00	0.5	600			1.00	
730524	8.4	17.8	11.0	8.3	0.120	0.000	400	0.05	2.9	733			0.60	
730423	134	16.7	7.6	7.8	0.350	0.008	2300	0.31	2.4	517			0.70	
730314	71	12.8	8.7	8.0	0.490	0.008	4300	0.45	2.1	533			0.60	
730214	69	2.8	12.5	7.8	0.420	0.010	2300	0.21	3.8	467			0.70	
730109	25	0.0	12.6	8.0	0.030	0.000	50	0.33	4.5	767			0.90	
721204	5.3		12.7	8.0	0.250	0.000	560	0.28	3.1	717			0.60	
721102	224	10.6	7.7	7.6	0.680	0.010	29000	0.59	2.4	250			0.50	
721011	0.00	17.8	10.2	8.3	0.100	0.000	610	0.28	0.2	650			0.60	
720912	0.15	27.8	8.6	7.9	0.140	0.000	1400	0.17	0.2	483			0.40	
720815	0.00	27.8	9.1	8.3	0.150	0.005	270	0.15	0.0	517	12	80	0.80	13
720613	0.21	25.6	9.4	8.3	0.080	0.005	290	0.15	0.7	733			0.40	
720411	202	15.6	16.2	8.6	0.080	0.015	10	0.23	0.6	683	21	160	0.50	20
720314	14	10.6	10.9	7.9	0.210	0.015	12000	0.30	2.1	622	32	104	0.80	110
720207	4.5	0.6	16.7	7.7	0.140	0.000	70	0.20	2.0	838			0.30	

JQA 01 INDIAN CREEK
ROUTE 143 BRIDGE 3 MI EAST SOUTHEAST OF WOOD RIVER --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740805	0.0	0.000	0.00	0.00	0.00	0.000	0.7	0.01	0.35	0.0	0.000	0.0	0.3	
740508	0.0	0.000	0.00	0.00	0.00	0.000	0.6	0.01	0.62	0.0	0.000	0.0	0.2	
740225	0.1	0.000	0.00	0.00	0.00	0.000	1.6	0.01	0.20	0.0	0.000	0.0	0.2	
731127	0.0	0.000	0.00	0.00	0.00	0.000	3.8	0.02	0.35	0.0	0.000	0.0	0.3	
720815	0.1	0.000	0.00	0.00	0.07	0.000	0.4	0.00	0.88	0.0	0.000	0.0	0.2	
720411	0.0	0.000	0.00	0.00	0.11	0.000	0.3	0.06	0.48	0.0	0.000	0.1	0.2	
720314					0.15	0.005	3.5		0.34					

JQA 01 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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740805				0.000	0.2			0.0	0.00					
740508				0.002	0.1			0.0	0.00					
740225				0.000	0.1			0.2	0.00					
731127				0.000	0.0			0.2	0.00					
720912								0.0						
720815				0.000	0.3	0.00			0.00					

JB 01 WOOD RIVER
ILLINOIS TERMINAL RAILROAD BRIDGE 0.5 MI WEST OF EAST ALTON
LAB:

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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711101		20.0	2.6	7.7	4.895		3100000	11.30	0.0					85
710927		26.1	3.9	7.3	1.893		200	5.20	0.0					80
630327		18.3	10.0	7.2										
630320		10.0	11.2	6.8										
630313		8.9	9.6	7.7							18			
591110		11.1	8.9	7.1							18	269		50
581021			7.1	6.3							4	15		45
581008		24.4	6.8	6.8				0.20	1.4		24	267		45

JB 01 WOOD RIVER
ILLINOIS TERMINAL RAILROAD BRIDGE 0.5 MI WEST OF EAST ALTON --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
630327														212
630313						0.140								232
591110														142
581021						0.100								68
581008						0.800	1.1		1.10				0.4	86

JB 01 WOOD RIVER
ILLINOIS TERMINAL RAILROAD BRIDGE 0.5 MI WEST OF EAST ALTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	COD (MG/L)	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	BOE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
711101		49												
710927		53												
630327												332		
630320												328		
630313												356		
591110	22											304		
581021	15											280		
581008	6											214		

JB 02 WOOD RIVER
ROUTE 3 BRIDGE AT MILTON ROAD JUNCTION IN ALTON
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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910			9.9	8.0	0.400	0.000	380	0.12	0.9	833	30	145	1.20	
740805			2.0	7.7	0.180	0.005	470	0.02	0.2	483			0.10	
740702		25.0	9.0	8.2	0.200	0.005	0	0.20	1.2	700			1.60	
740603		18.3	7.5	7.6	0.280	0.005	900	0.10	0.5	517	10	105	0.30	
740508		10.0	9.8	7.8	0.110	0.010	220000	0.05	0.7	733			0.20	
740410		10.0	10.6	8.1	0.300	0.000	1600	0.10	1.0	750			0.40	
740312		8.9	10.0	8.0	0.410	0.020	4400	0.65	1.2	600	17	120	0.20	
740225		2.2	12.8	7.9	0.450	0.005	400	0.45	1.5	717			0.50	
740128		4.4	11.0	8.1	0.730	0.000	2700	0.80	1.2	467			0.40	
731211		1.1	12.4	7.9	1.200	0.005	250	0.95	1.8	817	24	145	0.80	
731127		8.9	9.7	7.6	0.770	0.010	7900	0.50	1.4	633			0.80	
731016		16.7	6.9	6.7	0.640	0.015	20	0.24	1.2				2.60	
731002		20.0	0.7	6.9	0.760	0.020	10	1.20	0.8	733			1.40	
730822		28.9	6.3	7.2	1.200	0.005	10	0.30	0.0	650			1.30	
730725		27.2	8.1	6.8	0.640	0.000	300	0.60	2.0	600			1.80	
730625		27.2	7.9	6.8	0.020	0.015	10	0.45	1.5	400			2.50	

JB 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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730524		19.4	1.0	7.5	0.680	0.008	10	0.10	1.0	750			1.20	
730423		17.8	6.8	7.8	0.350	0.007	3100	0.50	0.2	383			0.40	
730314		12.8	8.6	8.2	0.510	0.010	3100	0.48	0.5	500			0.40	
730213		2.8	12.3	7.8	0.980	0.008	5300	0.72	1.5	817			1.30	
730109		1.7	12.5	7.1	0.920	0.000	10	0.88	2.1	850			2.60	
721204		3.9	11.3	7.6	1.100	0.007	220	1.50	2.1	817			1.30	
721102		11.7	7.5	7.6	0.880	0.013	61000	1.00	1.6	433			1.10	
721010		21.1	7.0	6.5	3.400	0.012	10	0.58	2.5	783	30	370		
720912		31.1	8.3	6.4	1.800	0.005	10	0.32	0.9	767	50	300	1.90	70
720814		31.1	7.9	6.4	2.850	0.000	10	0.20	6.1	767	3	330	2.40	80
720612		25.6	6.2		0.720	0.010	2	0.50	2.3	1333	33	460	5.00	20
720508		16.7	7.0	8.2	0.290	0.000	40	0.11	0.6	800	33	180	0.60	7
720411		17.2	9.3	7.8	0.580	0.000	0	0.28	1.7	850	27	230	1.30	20
720314		13.9	9.6	7.7			30		1.5	822		150		
720207		6.1	11.3	6.9	1.000	0.013	10	1.10	1.6	892	36	250	1.90	20

JB 02 WOOD RIVER
ROUTE 3 BRIDGE AT MILTON ROAD JUNCTION IN ALTON --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740910	0.3	0.020	0.00	0.00	0.04	0.000	0.1	0.02	0.10	0.0	0.000	0.1	0.5	
740603	0.0	0.000	0.00	0.00	0.00		4.8	0.02	0.29	0.0	0.000	0.1	0.3	
740312	0.0	0.000	0.00	0.00	0.05	0.000	3.5	0.02	0.15	0.0	0.000	0.1	0.3	
731211	0.0	0.000	0.00	0.01	0.65	0.000	2.5	0.79	0.45	0.2	0.000	0.6	0.3	
721010	0.2	0.000	0.00	0.47	6.50	0.000	9.0	0.11	0.75	0.1	0.000	4.2	0.3	
720912	0.4	0.000	0.00	0.60	2.00	0.000	1.5	0.38	0.65	0.8	0.000	2.0	0.3	
720814	0.1	0.000	0.00	0.30	0.58	0.000	1.8	0.68	0.78	0.6	0.000	7.0	0.1	
720612	0.0	0.000	0.00	0.55	9.00		9.6	0.90	0.82	0.0	0.000	7.5	0.3	
720508	0.0	0.000	0.00	0.00	0.23	0.000	0.4	0.05	0.19	0.0	0.000	0.4	0.3	
720411	0.0	0.000	0.00	0.27	2.20	0.020	0.6	0.19	0.18	0.2	0.000	0.8	0.2	
720314		0.000	0.00	0.00				0.00		0.0		0.1	0.6	
720207													0.2	

JB 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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740910				0.000	0.3			0.0	0.00					
740603				0.001	0.2			0.5	0.00					
740312				0.001	0.1			0.3	0.00					
731211				0.000	0.2			0.2	0.00					
721010				0.000	0.2			0.0	0.00					
720912				0.000	0.5	0.60			0.00					
720814				0.000	0.6	0.30			0.00					
720612													120	65
720314						0.00		0.0		900				

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910		25.6	8.9	7.9	0.290	0.000	4000	0.05	0.8	517			0.20	
740805		21.1	1.6	7.7	0.180	0.000	2000	0.02	0.4	467	16	70	0.20	
740702		23.9	7.7	7.7	1.500	0.005	400	0.08	0.3	700	10	75	0.40	

JV 01 PIASA CREEK
ROUTE 100 BRIDGE 5 MI NORTHWEST OF 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)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740603		18.3	7.3	7.5	0.200	0.005	730	0.20	0.5	650			0.40	
740508		9.4	9.4	8.0	0.120	0.005	460	0.00	0.9	617			0.30	
740410			10.8	8.1	0.200	0.000	680	0.05	1.3	683	14	120	0.30	
740312		8.9	10.3	7.9	0.510	0.010	14000	0.30	1.4	467			0.10	
740225		3.3		7.9	0.270	0.000	40	0.20	1.8	633			0.30	
740128		4.4	11.1	8.1	0.330	0.000	700	0.70	1.7	500	17	74	0.30	
740109			11.9	8.2	0.290		70	0.25	1.0	767				
731211		1.7	13.0	8.2	0.410	0.000	320	0.52	0.8	700			0.20	
731127		8.9	9.6	8.1	0.680	0.015	25000	0.50	0.9	533			0.30	
731016		16.7	7.8	8.0	0.880	0.015		0.20	0.6		22	61	0.40	
731002		20.0	7.5	7.9	0.680	0.012	20000	0.25	0.5	483			0.50	
730822		22.2	7.3	8.1	0.240	0.005	720	0.20	0.2	683			0.20	
730725		27.8	7.4	7.9	0.360	0.010	6500	0.45	1.0	483			1.40	
730625		27.2	7.7	8.1	0.140	0.000	650	0.05	1.2	650			0.50	
730524		16.7	7.9	8.2	0.080	0.000	680	0.15	1.0	733			0.20	
730423		16.7	8.3	7.9	0.190	0.007	1200	0.34	0.7	517			0.40	
730314		13.3	9.0	8.1	1.200	0.010	15000	0.70	0.9	450			0.40	
730213		2.2	12.9	8.1	0.330	0.000	100	0.51	1.7	730			0.50	
730109		0.0	11.7	8.0	0.190	0.000	10	0.54	1.7	800			0.60	
721204		0.0	12.6	8.0	0.210	0.000	150	1.20	1.6	733			0.40	
721102		10.0	7.9	7.7	0.450	0.010	49000	0.50	1.2	283			0.40	
721010		10.0	10.3	8.0	0.190	0.000	190	0.10	0.5	633			0.40	
720911		18.9	8.2	8.1	0.260	0.000	80	0.20	0.6	483			0.40	
720814		22.2	6.2	7.5	0.170	0.000	140	0.15	0.6	567	11	22	0.40	22
720612		15.0	8.7	8.1	0.060	0.000	70	0.15	0.5	767			0.20	
720508		14.4	7.7	8.0	0.100	0.010	13000	0.11	0.7	500	10	100	0.40	400
720411		16.1	10.0	8.2	0.130	0.000	30	0.15	0.3	750	16	150	0.42	10
720313		9.4	8.3	7.7	0.210	0.012	30000	0.60	1.9	365	13	76	0.70	3200
720110		2.2	13.0	7.6	0.370	0.000	130	0.70	1.5	777	21	130	0.50	

JV 01 PIASA CREEK
ROUTE 100 BRIDGE 5 MI NORTHWEST OF ALTON --CONTINUED

DATE	BARIUM (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	SILVER (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740805	0.0	0.000	0.00	0.00	0.00	0.000	7.0	0.02	0.35	0.0	0.000	0.0	0.0	
740702	0.4	0.000	0.00	0.00	0.00	0.000	0.5	0.01	0.35	0.0	0.000	0.0	0.2	
740410	0.0	0.000	0.00		0.00	0.000	1.1	0.02	0.12	0.0	0.000	0.0	0.2	
740128	0.2	0.000	0.00	0.00	0.00	0.000	7.5	0.00	0.70	0.0	0.000	0.0	0.3	
731016	0.0	0.000	0.00	0.00	0.00	0.000	0.9	0.01	0.80	0.0	0.000	0.0	0.4	
720814	0.1	0.000	0.00	0.00	0.17	0.000	0.9	0.09	1.15	0.0	0.000	0.1	0.2	
720508	0.0	0.000	0.00	0.00	0.13	0.000	13.5	0.06	0.89	0.1	0.000	0.1	0.2	
720411	0.0	0.000	0.00	0.00	0.13	0.000	0.3	0.00	0.24	0.0	0.000	0.1	0.2	
720313					0.70	0.007			4.90					
720110													0.2	

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)	ARSENIC (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	MERCURY (UG/L)	SEL-ENIUM (MG/L)	OIL (MG/L)	ROE (MG/L)	HARD-NESS (CACO3) (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740805				0.000	0.1			0.0	0.00					
740702				0.000	0.2			0.2	0.00					
740410				0.000	0.1	0.00		0.0	0.00					
740128				0.000	0.7	0.00		0.0	0.00					
731016				0.008	0.2			0.0	0.00					
721010								0.0						
720911								0.8						
720814				0.000	0.2	0.00			0.00					

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740909		21.1	2.2	7.2	0.170		0.010	370	0.00	0.4	483	0.3	0.20	
740809		25.6	1.7	7.2	0.130			10	0.10	0.4	683		0.20	
740718		27.8	1.3	7.6	0.150		0.010	0	0.25	0.6	703		0.10	
740619		21.1	3.0	7.0	0.210		0.010	20	0.25	1.0	517	0.0	0.50	
740514		19.4	6.1	7.6	0.150		0.000	60	0.25	0.2	567		0.30	
740409		11.7	8.5	7.6	0.140		0.005	490	0.15	0.2	433		0.30	
740325		5.6	13.5	7.4	0.120		0.005	450	0.10	0.3	417	0.2	0.20	
740206		3.9	10.0	7.2	0.150		0.005	120	0.10	0.3	367		0.30	
740121		3.3	11.8	7.2	0.220		0.005	600	0.30	0.6	367		0.30	
731213		2.8	7.9	7.3	0.200		0.010	320	0.15	0.2	417	0.3	0.30	
731107		11.7	6.0	7.4	0.130		0.005	80	0.30	0.3	670		0.30	
731024		16.7	4.8	7.5	0.160		0.005	430	0.30	1.3			0.20	
730927		20.0	11.1	8.2	0.160		0.005	680	0.10	0.3	850		0.10	
730806		26.1	5.9	7.4	0.120		0.005	100	0.15	0.3	817		0.20	
730723		27.2	7.7	7.6	0.160		0.000	100	0.20	0.3	483		0.30	
730618		24.4	4.1	7.4	0.160		0.002	60	0.25	0.3	467	2.2	0.50	
730515		17.8	5.6	7.2	0.070		0.005	10	0.15	0.3	400		0.30	
730404		11.7	7.7	7.5	0.120		0.007	100	0.40	1.0	367		0.30	
730321		9.4	6.2	7.0	0.190		0.010	100	0.85	0.3	267	0.2	0.40	
730109		0.0	11.5	7.3	0.210		0.008	430	0.35	0.3	367		0.50	
730104		3.3	10.2	7.5	0.240		0.010	400	0.25	0.4	350		0.50	
721116		6.3	7.5	7.3	0.350		0.016	1700	0.30	0.5	333		0.40	
721017		18.3	4.5	7.6	0.050		0.000	10	0.26	0.3	800	0.0	0.60	
720925		23.3	2.6	7.5	0.120		0.009	130	0.11	0.5	500	0.0	0.50	
720809		24.4		7.9	0.220		0.010	830	0.15	1.6	317	0.0	0.60	
720712		25.6		8.1	0.050		0.010	10	0.23	0.0	1050	0.0	0.40	
720531		22.2	5.3	7.8	0.050		0.000	10	0.23	0.0	850		0.50	
720501		16.7	4.9	7.4	0.070		0.010	200	0.22	0.3	312		0.30	
720410		7.2	9.8	7.6	0.030		0.000	0	0.10	0.5	867		0.37	
720313		7.0	9.3	7.5	0.110		0.006	110	0.30	0.7	638		0.48	65
720226		4.4	10.2	7.6	0.160		0.008	160	0.30	0.3	550		0.40	
720111		5.0	11.7	7.0	0.070		0.000	20	0.40	0.6	840			
711206		7.8	11.4	7.2	0.033	10		100	0.10	0.0				25
711101			6.5	7.5	0.065	11		1300	0.50	0.0				55
711004			6.3	7.4	0.098	12		3000	0.20	0.0				40
710920			5.2	7.2	0.261	26		0	0.10	0.0				65
710615		26.7	6.6	7.3		36				0.0			0.60	50
710505		17.2	6.0	7.7		35				0.0			0.60	60
710316		9.4	9.6	7.0		28				0.0			0.20	90
710209		0.6												
701020		15.6	6.3	7.4		44				0.0			0.60	50
700921			5.8	7.3		10				0.2			0.10	35
700818		26.7		7.4		14	0.000	100		0.0			0.50	60
700708			4.6	7.0		10				0.0			0.10	100
700630		25.0	4.2			25				0.0			0.90	200
700512		20.6	5.1	7.2		26				0.0			1.00	170
700406			9.8	7.2		16				0.0			0.00	80
700317		6.1	10.4	7.7		16				0.0			1.00	70
700210		4.4	11.6	7.4		20				0.2			0.90	200
700115														
700106				7.3		21				0.0			0.10	35
691216		3.9	10.6	7.3		19				0.0			0.80	70
691028		13.3	6.2	6.8	0.131	18	0.000	30	0.50	0.0			0.70	70
691008			6.1	7.4		16				0.0			0.10	90
690910		23.3	3.6	7.0		17				0.0			0.60	120
690804			2.9	6.9		24				0.0			0.20	45
690610		23.9	4.4	7.6		22				0.0			0.70	60
690429		15.6	5.6	7.2		23				0.2			0.30	45
690401			9.0	6.8		32				0.7			0.10	60
690305		5.6	11.6	7.3		20				0.9			0.80	30
690128		3.9	11.1	7.1		23				1.4			0.50	240
690107			11.4	6.8		24				0.5			0.20	140
681126		8.9	6.1	7.4		20				0.5			0.20	60
681009		17.8	6.2	7.5		17				0.2			0.10	50
680930			9.0	7.6		25				0.0			0.20	30
680904		23.3	6.3	7.4		10		10		0.2			0.20	40
680730		26.1	4.7	7.8	0.261	17	0.000		0.90	0.2			0.40	95

N 01 BIG MUDDY RIVER
ROUTE 3 BRIDGE 5 MI SOUTH OF GRAND TOWER --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	NBAS (MG/L)	TURBID-ITY UNITS
660528		18.9	8.5	7.6		14				0.7			0.20	65
660416		15.6	6.8	7.3		19				0.5			0.20	110
680306		6.7	13.1	7.6		9				0.9			0.20	40
680129			11.5	7.0		18				0.2			0.20	50
680110		0.6	9.6	6.8		12				0.0			0.20	50
671121		8.9	8.7	7.2		11				0.2			0.10	70
671010		16.1	5.2	7.1	0.033	16	0.000	7600	1.00	0.2			0.20	100
670829		22.2		7.3		11							0.20	39
670718		25.0	3.0	7.2									0.10	70
670607		21.9	7.8	7.4									0.10	42
670419		17.8	10.2	7.5									0.40	50
670315		11.1	7.9	8.0									0.40	250
670118		1.1	11.9	7.4									0.30	40
661102		10.0	14.1	7.5									0.20	65
660921		17.8	6.5	7.8									0.10	45
660803		26.1	13.0	7.9									0.20	35
660622		26.7	8.0	7.4									0.10	40
660308		6.1	10.2	7.5									0.20	55
660111		4.4	9.7	7.3									0.30	85
650927		20.0	3.7	7.7									0.00	250
650816		27.8	11.4	7.1									0.20	65
650504		21.1	4.9	7.4									0.20	23
650223		5.6	9.6	6.9									0.20	130
641215		5.0	8.7	7.1									0.40	60
640928		20.6	10.0	7.4									0.20	40
640824		25.6	9.3	7.0									0.20	55
630812		26.7	5.9	7.0									0.40	30
630204		1.1	13.6	7.5									0.30	35
620716		26.7	4.0	7.1									0.30	200
620116		3.3	9.6	7.2									0.00	190
610605		22.2	7.0	7.2									0.20	35
610111		3.3	8.2	7.2									0.00	12
591208		1.1	8.4	7.2									0.00	30
590714		25.6	9.3	8.2										12
580626			5.8	7.0						0.2				130

N 01 BIG MUDDY RIVER
ROUTE 3 BRIDGE 5 MI SOUTH OF GRAND TOWER --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740909		0.00	0.00	0.000	2.0	0.02	0.65	0.0	0.0	0.3	20	130		
740619		0.00	0.00		0.7	0.02	0.86	0.0	0.0	0.3	22	280		
740325		0.00	0.10	0.000	2.0	0.05	0.20	0.0	0.1	0.1	14	115		
731213		0.00	0.00	0.000	2.2	0.01	0.52	0.0	0.0	0.2	15	140		
730618		0.00	0.00	0.000	1.3	0.01	1.10	0.0	0.0	0.2	22	140		
730321		0.00	0.00	0.000	4.2	0.02	0.10	0.0	0.0	0.2	11	90		
730104		0.00	0.00	0.000	4.4	0.01	0.20	0.0	0.0	0.2	19	112		
720925		0.00	0.00	0.000	1.0	0.05	0.57	0.0	0.0	0.2	37	110		
720313				0.000	2.9		0.86			0.2	30	140		
700318		0.00	0.00	0.000	0.1	0.00	1.00	0.0	0.1	0.2	21	50	180	120
700115		0.00	0.00		0.5	0.00	0.20	0.0	0.2					
700106											65	260	304	70
691216						0.00								
691028		0.00	0.00	0.000				0.0	0.1	0.2				
690804					0.0	0.00				0.0				
681126											32	85	368	92
680930											57	560	580	156
680730		0.00	0.00	0.000	0.8	0.00	0.20	0.0	0.0	0.3	22	55	172	128
680306											80	75	348	116
671010		0.00	0.00	0.000	0.1	0.00	1.40	0.0	0.0	0.3	64	108	340	124
670718	3										58	65	244	80
670607	5										27	34	150	74
670419	6										24	14	182	98
670315	3										28	20	200	64
670118	4										58	64	280	80
661102	7										115	70	500	180

N 01 BIG MUDDY RIVER
ROUTE 3 BRIDGE 5 MI SOUTH OF GRAND TOWER --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
660921	3										44	100	452	228
660803	7										27	46	296	228
660622	6										46	100	332	124
660308	8										156	54	296	68
660111	3										40	58	272	48
650927	1										10	20	172	148
650816	5										34	35	236	128
650504	1										28	66	216	200
650223	2										29	113	164	48
641215	2										46	360	368	144
640928	4										135	334	470	284
640824											115	219	470	184
630812	4										27	115	164	82
630204	5										28	100	190	232
620716	13										43	29	96	48
620116	3										22	50	100	40
610605	4										22	135	216	58
610111	1										82	654	408	152
591208	4										57		300	120
590714	4										44		320	166
580626	3				0.3		1.60			0.2	28	137	170	50

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740909	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
740619	0.002	0.0	0.2	0.010		0.11		0.00	0.000					
740325	0.000	0.0	0.1	0.000		0.40		0.00	0.000					
731213	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
730616	0.000	0.2	0.0	0.000		0.00		0.00	0.000					
730321	0.000	0.0	0.2	0.000		0.10		0.00	0.000					
730104				0.000		0.05								
720925	0.000	0.1	0.2	0.000		0.12		0.00	0.000					
720313						0.15	0.27							
700818		0.0		0.000		0.00								
700115	0.000	0.0		0.000		0.00								
691020	0.000	0.0		0.000		0.03								
690304				0.000										
680730	0.000	0.0		0.000		0.10								
671010	0.000	0.0		0.000		0.10								

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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740919	916	21.1	7.4	7.2	0.170		0.005	3800	0.08	0.5	450		0.20	
740822	454	27.8	1.9	7.4	0.250		0.000	360	0.06	0.5	567		0.10	
740722	272	27.8	1.2	7.3	0.280		0.010	3000	0.07	0.3	717	0.0	0.10	
740604	2500	21.7	4.8	6.9	0.350		0.005	600	0.10	0.5	600		0.30	
740508	3580	18.9	6.0	7.3	0.210		0.005	180	0.10	0.3	483		0.30	
740408	2950	10.6	8.8	7.4	0.170		0.000	1200	0.15	0.2	500	0.4	0.20	
740306	3420	11.7	8.9	7.5	0.240		0.000	1900	0.20	0.6	567		0.20	
740228	5220	6.1	11.3	7.3	0.260		0.005	370	0.20	0.7	383		0.20	
740121	4350	3.0	10.5	7.2	0.240		0.020	1100	0.25	0.9	400	0.0	0.30	
731203	8300	10.6	7.1	6.9	0.220		0.010	300	0.30	0.3	283		0.10	
731113	282	7.2	9.4	7.5	0.180		0.005	150	0.25	0.5	1000		0.40	
731011	80	22.2	4.0	7.6	0.180		0.010	320	0.20	0.3	1833	0.0	0.30	
730919	83	17.2	6.9	7.7	0.140		0.000	160	0.15	0.5	1667		0.50	

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730802	932	25.6	5.4	7.7	0.200		0.020	100	0.15	0.4	667		0.20	
730712	1220	27.2	4.6	7.7	0.300		0.015	100	0.20	0.3	433	0.7	0.40	
730618	2760	24.4	3.2	7.2	0.340		0.010	200	0.30	0.6	450		0.50	
730503	8460	17.2	5.7	7.1	0.090		0.000	200	0.30	0.2	300		0.30	
730402	3750	13.3	6.1	7.4	0.180		0.007	1800	0.30	0.1	467	0.0	0.30	
730307	1120	10.0	9.7	7.9	0.200		0.010	4000	0.35	0.2	900		0.40	
730228	1350	3.9	11.5	7.7	0.150		0.000	60	0.30	0.3	533		0.40	
730110	4010	0.6	12.0	7.4	0.140		0.003	160	0.41	0.4	400	0.0	0.50	
721128	1840	4.4	10.2	7.4	0.130		0.007	540	0.25	0.5	567		0.40	
721030	91	12.8	7.2	7.6	0.210		0.000	260	0.18	0.7	833	0.0	0.70	
720925	112	23.9	4.1	7.4	0.130		0.009	130	0.15	0.1	767	0.0	0.50	
720905	200	19.4	6.0	7.2	1.800		0.005	240	0.17	0.4	633	0.0	0.70	
720810	264	21.7	4.0	7.5	0.260		0.005	710	0.28	0.5	500		0.40	120
720724	155	29.4	4.1	7.3	0.070		0.000	220	0.58	0.8	733	0.0	0.50	
720620	410	26.7	4.9	7.5	0.080		0.000	50	0.35	0.0	1650		0.60	
720523	474	22.2	5.6	7.9	0.050		0.010	10	0.15	0.0	1067		0.40	70
720425	10200	15.0	4.9	7.3	0.090		0.010	100	0.40	0.3	260		0.40	
720330	1140	6.1	7.9	7.3	0.050		0.000	2200	0.20	0.7	633		0.30	300
720306	1380	5.0	10.5	7.0	0.030		0.000	3500	0.50	0.8	643		0.60	50
720111	173	3.0	14.3	7.6	0.250		0.000	170	0.25	0.6	1067			
711206	64	6.1	8.9	7.1	0.261			100	0.90	0.2				25
710921	42		7.1	6.9	0.065	24		300	0.10	0.0				70
710811	124	26.1	7.7	6.0		7		0	0.60	0.0			0.10	75
710802	53	23.9	5.4	7.5		26				0.0			0.10	60
710727	64	24.4	3.5	7.5	0.000	18				0.0			1.10	95
710712	117	27.8	1.1	7.2		22				0.0			0.10	85
710707	98	27.2	3.9	7.3		42				0.0			0.80	100
710629	120	28.3	2.6	7.2		23				0.0				150
710622	355	26.7	3.2	7.2		27				0.0			0.10	150
710615	563	26.7	5.3	7.4		17				0.0			0.10	100
710607	821	25.0	5.0	7.4		19				0.0			0.10	160
710602	2000	18.9	5.8	7.3		17				0.0			0.10	260
710518	1330	19.4	5.7	6.9		25				0.0			0.20	210
710511	2760	17.8	5.7	7.0		22				0.0			0.00	160
710503	870	16.7	5.5	7.4		22				0.0			0.30	170
710427	444	18.3	7.5	7.6		15				0.0			0.00	50
710423	334	18.3	6.9	7.3		37				0.0			1.00	120
710413	1410	14.4	8.2	7.0		18				0.2			0.10	
710405	414	10.6	9.8	7.7		21				0.2			0.30	140
710330	421	7.8	10.1	7.6		20				0.2			0.00	110
710323	442	7.8	9.8	7.5		21				0.2			0.00	140
710316	1950	11.1	8.2	7.3		19				0.2			0.10	310
710309	2890	4.4	10.1	7.3		19				0.7			0.10	65
710301	7830	6.1	9.4	7.6		34				0.2			0.30	190
710223	6180	5.0	10.0	7.4		18				0.2			0.00	400
710217	1650	1.1	12.6	7.3		23				0.2			0.10	260
710209	1830	0.0	11.8	6.1		29				0.2			0.10	160
710202	160	0.6	12.3	7.7		16				0.0				25
710126	335	1.1	11.7	7.6		17				0.2			0.10	30
710104	686	5.0	10.6	6.9		31				0.2			0.00	370
701207	78	8.3	7.4	7.5		21				0.0			0.30	70
701201	100	10.0	8.5	7.5		14				0.0			0.10	80
701124	340	4.4	10.2	7.4		31				0.0			1.00	35
701117	335	7.8	8.4	7.7		25				0.0			0.10	40
701110	355	11.7	7.8	7.4		27				0.0			0.70	125
701102	223	12.8	6.3	7.3		18				0.0			0.10	75
701027	152	15.0		7.5		10				0.0			0.10	75
701020	173	13.9	5.8	7.6		14				0.0			0.10	100
701014	1020	17.2	4.4	7.4						0.0			0.10	120
701005	615	19.4	4.8	6.9						0.0			0.10	115
700908	191	27.2	3.5	7.5		18				0.0			0.60	80
700901	43	26.7	3.7	7.3		16				0.0			0.00	55
700825	510	25.6	4.1	7.3		20				0.0			0.40	170
700818	78	26.7	4.4	7.5		34				0.0			0.10	130
700811	100	26.7	3.0	7.3		22				0.0			0.10	85
700803	55	30.0	6.0	7.3		18				0.0			0.10	90
700728	522	26.1	4.0	7.5	0.261	17	0.000	200		0.0			0.50	200
700721	62	25.6	3.2	7.3		16				0.0			0.10	70
700714	76	27.8	8.0	7.3		19				0.0			0.10	100
700706	292	26.1	3.5	7.2		16				0.0			0.10	120
700630	1080	25.0	3.8	7.0		17				0.0			0.10	200

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
700623	7020	23.9	4.4	6.8		20				0.0			0.00	190
700616	3160	25.0	4.3	7.3		21				0.3			0.00	100
700610	5510	21.7	5.0	6.9		22				0.2			0.00	110
700601	300	24.4	4.5	7.5		20				0.0			0.50	100
700523	730	21.7	3.4	7.2		12				0.0			0.30	45
700512	6350	20.6	5.1	7.1		26				0.0			0.00	250
700504	6910	23.0	4.5	7.0		25				0.0			0.00	60
700421	4770	16.1	6.8	7.2		25				0.0			0.10	310
700414	1660	13.9	6.5	7.0		20				0.0			0.10	350
700406	4880	11.1	8.7	7.2		14				0.0			0.10	70
700331	8030	8.3	9.1	7.2		22				0.0			0.00	120
700324	4780	7.2	10.8	7.4		21				0.0			0.10	50
700317	3930	5.0	10.4	7.4		24				0.0			0.10	40
700310	8000	10.0	7.7	7.2		30				0.0			0.00	100
700302	3280	7.8	10.5	7.2		24				0.0			0.00	800
700225	3260	5.0	11.4	7.3		14				0.2			0.10	180
700217	3260	1.7	11.8	7.3		19				0.2			0.10	45
700210	5360	3.3	10.3	7.4		25				0.2			0.10	150
700120	615	0.6	12.1	7.3		21				0.0			0.20	25
700113	331	0.6	11.3	7.2		21				0.2			0.10	25
700105	1140	0.6	12.5	7.5		20				0.0			0.10	30
691230	987	1.1	12.3	7.4		19				0.0			1.10	60
691209	681	3.9	10.7	7.4		21				0.0			0.00	100
691201	220	5.0	9.9	7.4		24				0.3			0.10	30
691125	653	6.1	10.1	7.4		20				0.0			0.70	60
691103	150	12.2	6.8	7.3		20				0.3			0.10	60
691028	230	12.8	7.2	7.3		18				0.0			0.00	120
691021	1200	14.4	5.8	7.0		16				0.0			0.10	95
691015	900	17.8	4.8	7.4		23				0.3			0.10	140
691006	40	22.2	4.8	7.4		18				0.0			0.10	120
690930	60	20.0	5.0	7.1		16				0.3			0.10	120
690923	124	21.1	6.1	7.5		16				0.0			0.00	80
690916	134	22.8	3.7	7.0		20				0.0			0.10	160
690908	1420	24.4	3.5	7.3		22				0.3			0.10	290
690903	95	26.1	2.8	7.3		19				0.0			0.10	85
690826	100	25.3	4.9	7.5		23				0.3			0.30	100
690819	72	26.7	5.0	7.2		16	0.000	40		0.3			0.40	130
690812	144	26.1	3.3	7.2		22				0.0			0.10	70
690804	3940	25.0	2.1	6.9		25				0.0			0.10	85
690729	8040	26.1	2.3	6.9		16				0.0			0.10	45
690723	7590	26.7	3.9	6.9		22				0.0			0.10	25
690716	8470	27.2	1.3	7.0		26				0.0			0.10	35
690707	9420	26.7	1.4	6.8		21				0.0			0.10	60
690701	6350	26.1	2.7	7.3		25				0.0			0.00	460
690624	3560	23.3	4.0	6.9		15				0.0			0.10	1400
690617	1230	23.3	4.8	7.1		44				0.0			0.00	1200
690610	80	23.9	4.2	7.6		22				0.0			0.10	85
690602	295	23.9	2.9	7.2		23				0.3			0.00	85
690527	1740	20.6	5.0	7.3		25				0.0			0.10	90
690520	3810	18.3	5.8	7.3		23				0.2			0.10	260
690513	986	18.3	3.7	7.2		22				0.0			0.10	35
690505	1280	18.3	5.7	7.1		26				0.2			0.10	25
690429	5730	15.6	6.1	7.2		25				0.5			0.00	45
690422	6720	16.1	6.2	7.0		28				0.2			0.20	65
690415	5140	15.0	7.7	6.9		34				0.7			0.30	140
690407	1620	13.3	8.0	7.2		26				0.2			0.10	130
690401	2810	7.2	10.0	6.9		34				0.9			0.50	100
690325	2630	8.3	7.6	7.1		15				0.7			0.10	650
690318	570	6.1	13.0	7.3		21				1.1			0.60	100
690311	2010	4.4	11.3	7.6		19				0.7			0.00	75
690303	1410	4.4	11.7	7.2		14				0.5			0.10	65
690225	493	5.0	12.4	7.1		16				0.9			0.50	75
690218	4430	3.3	9.9	6.9		15				0.5			0.10	100
690211	9100	4.4	10.6	7.2		23				0.5			0.00	90
690203	17800	5.6	10.1	6.9		23				0.7			0.10	460
690128	5850	2.2	10.8	7.0		26				0.7			0.10	150
690121	4660	2.2	12.2	6.9		18				0.9			0.20	180
690114	365	0.6	11.5	6.8		23				0.5			0.20	30
690106	3130	0.6	11.3	6.7		13				0.5			0.30	120
681224	563	2.2	11.3	7.2		12				0.7			0.40	600
681217	127	1.1	11.8	7.1		12				0.7			0.30	40

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	BOAS (MG/L)	TURBID-ITY UNITS
681210	472	2.2	11.5	7.2		20				0.5			0.20	70
681202	2860	7.2	8.8	7.0		24				0.5			0.10	280
681126	481	8.3	8.7	7.3		27				0.2			0.20	300
681119	322	8.9	7.3	7.2		18				0.0			0.10	150
681113	66	7.8	5.3	7.2		17				0.2			0.20	65
681104	440	12.8	4.8	7.3		23				0.2			0.20	55
681029	15	11.7	7.4	7.2		20				0.0			0.20	30
681023	15	15.6	8.5	7.4		20				0.0			0.20	35
681015	25	18.3	5.3	7.5		14				0.2			0.10	85
681007	20	16.7	6.6	7.3		17				0.2			0.20	75
681001	120	20.6	5.0	7.4		6				0.2			0.10	85
680924	168	22.8	4.6	7.6		20				0.2			0.10	130
680917	34	21.1	6.6	7.6		22				0.0			0.20	50
680909	27	22.8	5.7	7.1		16				0.0			0.20	70
680904	29	24.4	7.7	7.4		21				0.0			0.20	80
680827	41	26.7	3.5	7.2		17				0.2			0.10	120
680820	409	25.0	3.2	7.3		16				0.2			0.00	500
680813	120	25.6	2.7	6.8		18				0.2			0.10	150
680805	500	26.1	3.6	7.0	0.131	15	0.000	940	0.40	0.2			0.10	230
680730	10	27.2	7.1	7.6		19				0.0			0.20	80
680723	10	28.9	8.8	8.3		16				0.0			0.20	30
680716	10	26.7	3.3	7.2		22				0.0			0.20	75
680710	20	25.6	1.0	6.8		13				0.2			0.20	90
680701	250	26.1	5.4	7.0		23				0.2			0.30	200
680625	472	26.1	4.2	7.3		23				0.2			0.20	230
680618	92	25.6	8.0	7.6		19				0.0			0.20	95
680611	404	26.7	4.1	6.7		20				0.2			0.20	130
680603	3500	20.6	5.8	7.2		19				0.5			0.10	190
680528	1040	18.9	6.2	7.0		21				0.5			0.30	170
680506	1150	18.9	4.2	7.1		24				0.2			0.20	80
680430	6590	17.2	5.3	7.2		27				0.2			0.10	40
680423	8530	18.9	5.1	7.1		24				0.2			0.10	140
680416	3740	15.6	5.7	7.1		27				0.2			0.00	60
680409	11000	13.3	7.2	7.2		25				0.2			0.10	120
680401	6000	14.4	6.7	6.8		21				0.5			0.20	310
680326	8710	6.7	9.9	7.4		24				0.7			0.20	80
680319	3500	9.4	9.4	7.4		29				0.9			0.20	210
680312	370	7.2	11.0	7.6		17				0.5			0.30	55
680304	365	3.9	12.4	7.4		10				0.7			0.20	25
680227	390	2.2	12.6	7.4		18				0.5			0.20	25
680220	551	2.2	12.0	7.0		9				0.7			0.20	42
680214	4370	1.7	11.9	6.8						0.9				60
680205	9730	7.8	9.0	7.0		17				0.5			0.20	120
680130	4400	5.6	10.9	7.3		19				0.5			0.10	400
680129	2700		11.0	7.0		2				0.5			0.10	70
680123	1680	1.1	12.0	7.1		26				0.7			0.20	80
680108	3070	0.0	8.9	6.7		13				0.2			0.10	50
680103	7000	1.1	9.9	7.0		22				0.2			0.00	95
671219	7660	4.4	10.3	6.7		26				0.2			0.30	80
671212	3960	7.8	9.2	7.0		27				0.2			0.10	440
671204	3340	6.1	9.8	7.3		26				0.2			0.30	240
671129	79	6.1	10.7	7.4		24				0.0			0.20	30
671121	280	8.9	9.2	7.1		24				0.2			0.20	60
671114	310	9.4	8.4	7.1		25				0.2			0.10	90
671106	697	10.0	7.3	7.3		22				0.0			0.20	80
671031	305	12.8	7.0	7.2		22				0.2			0.10	100
671024	1210	13.3	7.0	7.6		21				0.2			0.10	130
671017	1100	16.1	6.8	7.5		19				0.5			0.00	300
671010	414	16.7	4.5	7.6		18				0.9			0.30	55
671002	35	16.7	6.4	7.4		23				0.0			0.20	110
670926	130	19.4	5.3	7.2	0.163	21	0.000		1.60	0.2			0.10	140
670829	64	22.2	4.5	7.3		23				0.2			0.10	120
670822	34	23.3	5.4	7.3		25				0.0			0.20	90
670815	130	23.9	4.6	7.1		20				0.2			0.10	160
670807	1860	24.4		6.9		12							0.10	300
670801	599	26.7		7.1		32				0.5			0.10	430
670725	142	26.7	3.0	7.4		17				0.2			0.10	210
670718	900	23.9	4.8	7.4		23				0.5			0.30	330
670710	50	23.3	2.8	7.3		19				0.5			0.20	130
670627	200	22.8	5.0	7.1		12				0.5			0.00	800
670620	100	26.1	2.0	7.3		18				0.2			0.20	26

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
670613	250	26.1	7.8	7.5		25				0.0			0.20	50
670605	170	21.7	5.3	7.1		22				0.5			0.20	85
670523	2560	18.9	6.1	7.2		30				1.6			0.10	120
670516	4110	16.1	7.0	7.3		24				0.2			0.10	600
670508	2880	17.2	6.5	7.4									0.20	110
670501	1690	15.6	7.9	7.0									0.10	140
670424	903	18.3	4.3	7.3									0.10	70
670417	946	20.6	7.6	7.0									0.40	40
670410	250	19.4	7.8	7.5									0.10	50
670403	300	18.3	7.5	7.5									0.20	70
670327	1330	3.3	7.7	7.2									0.20	120
670320	1800	9.4	9.5	7.3									0.20	150
670313	3500	13.3	8.9	7.3									0.30	210
670306	1400	4.4	10.2	7.2									0.40	150
670227	313	2.2	12.3	7.6									0.30	65
670220	196	4.4	11.3	7.3									0.30	50
670214	409	6.1	11.0	7.0									0.20	95
670206	2430	5.3	12.3	7.7									0.20	270
670130	530	6.1	10.6	7.1									0.30	45
670123	109	8.9	11.1	7.4									0.20	30
670116	360	3.3	11.9	7.6									0.30	90
670109	476	3.3	11.7	7.3									0.20	170
670103	575	5.3	12.2	7.3									0.20	15
661212	2540	8.3	8.0	7.1									0.20	350
661205	244	6.7	11.0	7.5									0.30	25
661128	433	12.2	6.5	7.1									0.10	60
661121	106	11.1	7.7	7.3									0.20	20
661114	141	11.7	4.2	7.1									0.20	30
661107	90	12.2	7.0	7.2									0.20	12
661031	92	13.3	6.9	7.2									0.20	11
661024	88	14.4	9.1	7.4									0.20	20
661017	24	15.6	10.0	7.5									0.30	25
661010	31	17.8	14.2	8.0									0.30	25
661003	62	17.0	10.0	7.8									0.40	20
660926	112	18.9	5.6	7.5									0.20	35
660919	30	21.1	6.7	7.5									0.20	20
660912	30	25.0	7.8	7.5									0.20	25
660906	35	26.7	6.9	7.5									0.30	25
660829	32	25.6	8.1	7.7									0.10	25
660822	155	26.7	6.6	7.6									0.20	27
660815	33	26.7	8.0	7.5									0.40	20
660808	24	26.7	6.6	7.6									0.20	39
660801	27	29.4	9.0	7.8									0.10	
660725	24	28.3	7.6	7.6									0.00	30
660718	30	31.7	9.4	7.6										45
660711	26	31.7	8.9	7.5									0.10	45
660705	42	31.1	8.4	7.6									0.00	63
660627	40	28.9	9.4	7.2									0.10	70
660620	50	25.0	4.1	7.2									0.00	95
660613	200	25.6	6.0	7.4									0.00	80
660606	140	25.0	5.0	7.1									0.40	100
660531	1770	22.2	3.9	7.0									0.30	70
660523	4860	22.2	4.8	7.0									0.00	95
660516	4650		6.4	7.3									0.00	85
660425	5610	16.7	6.3	7.0									0.00	
660308	691	6.1	11.0	7.6									0.20	100
660215	3880		8.4	7.1									0.00	230
660207	100		13.4	7.6									0.60	9
660131	50		10.7	7.8										
660124	70		13.5	7.1									0.00	20
660117	250		9.8	7.4									0.40	25
660113	496		10.2	7.9									0.30	40
660103	2880		9.8	7.2									0.30	250
651220	114		10.0	7.8									0.30	15
651213	57		13.4	8.1									0.30	25
651206	50		10.8	7.0									0.30	15
651129	33		11.1	7.8									0.20	45
651122	33		9.8	7.6									0.00	20
651115	25		7.3	7.3									0.00	30
651108	23		12.2	7.3									0.20	30
651101	22		9.5	7.2									0.00	55

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MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	SBAS (MG/L)	TURBID-ITY UNITS
651025	236		7.2	7.7									0.00	100
651018	239		7.1	7.2									0.00	95
651013	515		7.9	8.1									0.00	60
651004	1570		11.9	7.2									0.00	65
650927	895		14.0	7.3									0.00	30
650920	315		16.5	7.1									0.10	110
650913	2200		15.6	7.6									0.10	350
650907	628		12.6	7.3									0.10	200
650830	109		7.4	7.2									0.10	65
650823	74		5.5	8.2									0.10	45
650816	62		6.1	7.2									0.20	50
650809	124		3.0	8.2									0.20	120
650802	88		2.5	7.0									0.20	60
650726	638		2.2	7.8									0.10	300
650720	92		2.6	7.2									0.20	170
650714	812		4.4	7.1									0.10	650
650712	1440			6.9										
650706	1010			7.3									0.20	95
650628	98		8.9	8.5									0.20	40
650621	274		3.5	7.4									0.10	60
650614	534		4.2	6.9									0.10	50
650607	639		5.1	7.2									0.30	45
650601	365		7.4	7.2									0.20	60
650524	246		4.9										0.20	55
650517	787		1.2										0.20	36
650510	190		1.5	7.4									0.10	16
650503	350		3.4	7.2									0.30	11
650502	450			6.7									0.10	8
650426	1610		6.8	7.3									0.20	30
650419	1740		7.8	7.2									0.20	40
650412	3060		8.7	7.4									0.10	120
650215	5000			7.0									0.20	260
641228	60			7.0									0.70	5
641109	13			6.8									0.30	15
641026	43			7.0										
640921	198			7.1			0.000						0.20	30
640914	12			6.8			0.000						0.10	30
640831	65			7.7									0.50	5
640824	39			7.5									1.00	36
640817	10			7.2										35
640812	14			7.4									0.60	
640803	35			7.3					2.80	0.0			0.20	52

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722		0.00	0.00	0.000	1.8	0.01	0.85	0.1	0.0	0.3	30	135		
740408		0.00	0.00	0.000	3.4	0.02	1.05	0.0	0.0	0.1	19	145		
740121		0.00	0.00	0.000	3.6	0.01	0.37	0.0	0.1	0.1	16	110		
731011		0.00	0.00	0.000	0.8	0.03	0.83	0.0	0.0		41	620		
730712		0.00	0.00	0.000	3.5	0.40	0.90	0.0	0.2	0.2	25	135		
730402		0.00	0.00	0.000	3.2	0.02	0.45	0.0	0.0	0.2	17	155		
730110		0.00	0.00	0.000	2.3	0.00	0.20		0.0	0.2	24	120		
720925		0.00	0.00	0.000	1.4	0.02	1.55	0.0	0.0	0.3	44	230		
720810		0.00	0.00	0.000	5.0	0.02	0.88	0.0	0.1	0.2	16	180		
720523		0.00	0.00	0.000	1.8	0.02	2.90	0.0	0.0	0.2	58	360		
710811											38	460	390	60
710802											61	320	360	130
710712											41	335	364	118
710615											46	290	308	80
710427											54	300	340	88
710202											67	250	332	72
710126											56	260	288	64
701207											80	300	415	106
701201											107	340	470	134

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
701124														
701117											68	350	596	138
701102											91	390	450	104
701027											57	240	280	90
701020											60	310	340	94
700818											42	270	284	90
700728		0.00	0.00	0.000	1.0	0.00	0.10	0.0	0.1	0.2	40	580	540	140
700721											23	33	100	48
700714											48	430	464	116
700706											106	340	344	80
700601											35	260	316	106
700120											42	400	570	144
700113											63	450	410	94
700105											82	370	380	80
691230											56	280	304	60
691209											74	270	460	116
691201											45	260	304	82
691125											66	320	360	86
690923											74	150	340	80
690903											51	650	650	130
690826					0.0	0.00					68	390	516	114
690819		0.00	0.00	0.000	0.0	0.00		0.0	0.0	0.0	39	650	530	146
690812					0.0	0.00				0.4	266	320	650	188
690804					0.0	0.00				0.0	36	420	468	126
690729					0.0	0.00				0.0				
690723					0.0	0.00				0.0				
690716					0.0	0.00				0.0				
690707					0.0	0.00				0.0				
690701					0.0	0.00				0.0				
690610											41	370	396	104
690602											38	260	292	82
690513											34	360	400	94
690403											39	330	372	62
690225											48	135	324	76
681224											50	107	376	84
681217											54	70	400	96
681126											29	270	298	68
681119											23	350	300	76
681103											27	360	380	102
681104											27	1600	990	220
681029											45	680	670	146
681023											34	440	456	130
680924											18	240	212	80
680917											59	410	460	132
680909											47	330	380	102
680904											39	300	166	76
680813											30	300	308	68
680805		0.00	0.00	0.000	3.0	0.00	0.70	0.0	0.0	0.1	22	19	228	52
680730											43	570	610	126
680723											46	980	990	158
680716											48	330	368	114
680710											44	240	250	80
680701											68	200	260	72
680625											31	250	360	88
680618											14	270	116	70
680312											61	480	568	124
680304											37	280	356	78
680227											41	180	360	80
680123											37	320	336	66
671129											76	430	470	88
671121														
671031														
671010											47	210	240	56
671002											26			
670926		0.00	0.00	0.000	0.7	0.00	0.60	0.0	0.0	0.2	159	300	320	84
670829											40	57	224	86
670822											38			
670815											115	150	214	66
670725											42			
670718											34			
670710											27			
											60	160	230	56

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
670627											25	106	126	34
670620											37	136	202	76
670613											51	330	398	92
670605											56	280	324	86
670523											27			
670516											25			
670508	3										23	34	140	66
670501	3										54	71	276	84
670424	3										52	63	248	112
670417	5										70	80	460	120
670410	4										65	58	332	88
670403	4										57	78	300	84
670327	3										40	54	188	48
670320	3										40	31	204	48
670313	4										27	26	148	60
670306	4										66	54	236	72
670227	3										64	45	324	80
670220	3										60	45	348	92
670214	4										48	19	212	60
670206	4										48	22	184	80
670130	4										70	66	360	80
670123	2										66	65	460	92
670116	1										34	45	276	72
670109	3										54	48	244	332
670103	1										70	90	424	40
661212	4										42	23	204	60
661205	3										84	115	328	104
661128	3										48	105	352	88
661121	4										66	135	360	120
661114	1										46	31	448	108
661107	3										56	66	372	116
661031	2										44	100	372	134
661024	4										90	158	580	164
661017	10										110	128	510	144
661010	6										21	138	510	136
661003	4										164	133	592	120
660926	3										95	154	680	188
660919	6										72	39	730	160
660912	7										95	135	700	156
660906	6										105	138	600	164
660829	3										105	130	600	164
660822	4										49	246	752	284
660815	6										120	325	930	200
660808	4										105	460	900	240
660801	6										100	300	830	220
660725	6											231	700	188
660718	6										65	91	700	168
660711	3										80	195	730	160
660705	7										62	140	600	144
660627	7										150	462	482	94
660620	2										28	45	192	68
660613	4										52	45	284	80
660606	5										66	45	336	128
660531	2										54	17	192	62
660520											18	16	130	48
660516	3										12	20	212	64
660425	3													48
660308	2										64	40	268	68
660215											24	12	144	26
660207	3										44	90	332	72
660131											102	49	384	94
660124	3										29	56	192	56
660117	3										31	78	184	64
660110	3										52	34	232	64
660103	5										28	41	280	56
651220	4										80	431	160	164
651210	4										140	308	740	136
651206	6										88	293	296	220
651129	5										72	100	624	164
651122	4										70	225	580	152
651115	3										52	66	328	112

N 02 BIG MUDDY RIVER
MURPHYSBORO WATER INTAKE AT EAST EDGE TOWN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
651108	4										36	20	232	80
651101	5										16	22	136	56
651025	2										17	49	118	62
651018	1										26	54	146	46
651013	3										20	42	196	56
651004	2										72	42	208	40
650927	2										43	41	172	46
650920	2										42	28	142	46
650913	3										7	12	84	66
650907	4										42	35	164	52
650830	8										56	170	444	164
650823	5										74	192	404	124
650816	1										64	83	268	112
650809	3										24	65	104	100
650802	3										25	107	136	72
650726	3										20	31	96	60
650720	3										26	34	108	58
650714	2										28	33	88	64
650712					1.1		0.50				25	135	130	44
650706	2										70	216	272	76
650628	4										64	66	288	104
650621	2										104	43	344	92
650614	2										110	290	370	48
650607	3										110	608	760	272
650601	3										100	354	610	152
650524	3										52	400	308	236
650517	3										46	400	560	292
650510	1										120	400	440	256
650503	7										54	65	304	80
650502											60	385	300	80
650426	2										36	65	264	142
650419	2										72	20	212	62
650412	4										30	54	112	44
650215											16	23	100	72
641228											210	720	580	120
641109												320	336	124
641026											310	520	610	268
640921											92	176	380	196
640914											160	680	770	284
640831	3											725	500	170
640824	3											525	410	180
640817	2											625	430	160
640812	3											480	420	160
640803					0.5		1.00				65	340	380	140

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740722	0.000	0.0	0.1	0.025		0.00		0.00	0.000					
740408	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
740121	0.000	0.0	0.1	0.000		0.02		0.00	0.000					
731011	0.000	0.0	0.2	0.000		0.01		0.00	0.000					
730712	0.000	0.0	0.2	0.000		0.10		0.00	0.000					
730402	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
730110				0.000		0.00								
720925	0.000	0.1	0.1	0.000		0.00		0.00	0.000					
720810	0.000	0.1	0.2	0.000	0.00	0.02		0.00	0.000					
720523		0.0		0.000		0.03			0.000					
700728		0.0		0.000		0.00								
690826				0.000										
690819	0.000	0.0		0.000		0.00								
690812				0.000										
690804				0.000										
690729				0.000										
690723				0.000										

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)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	PLANKTON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BOR (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
690716				0.000										
690727				0.000										
690701				0.000										
680305	0.000	0.0		0.000		0.00								
670926	0.000	0.0		0.000		0.00								

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	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740910	596	22.2	7.6	7.4	0.100		0.000	190	0.05	0.0	400		0.20	
740807	476	25.6	1.6	5.5	0.080		0.005	100	0.30	11.8	467	0.0	0.00	
740722	280	26.7	2.2	7.2	0.200		0.010	110	0.05	0.4	383		0.10	
740610	883	21.7	6.2	7.1	0.150		0.000	350	0.20	0.5	467		0.80	
740509	957	16.7	6.5	7.2	0.160		0.005	40	0.10	0.1	350	0.2	0.20	
740408	1700	10.6	9.5	7.3	0.130		0.000	140	0.10	0.3	333		0.20	
740307	2050	13.9	8.0	6.9	0.320		0.005	4100	0.35	0.4	317		0.30	
740214	1260	3.9	12.0	7.6	0.060		0.005	10	0.60	0.3	317	0.0	0.20	
740109	1050		14.0	7.4	0.130		0.005	250	0.20	0.2	350		0.20	
731212	182	1.7	11.4	7.8	0.100		0.005	50	0.10	0.3	433		0.20	
731108	35	8.9	9.0	7.4	0.460		0.005	300	0.30	0.8	500	0.0	0.40	
731009	30	22.2	5.6	7.4	0.240		0.005	230	0.10	0.7	400		0.40	
730919	37	15.6	6.2	7.5	0.220		0.005	1500	0.20	0.7	417		0.50	
730801	972	24.4	4.8	7.5	0.120		0.010	130	0.15	0.3	283		0.20	
730706	1220	25.6	5.1	7.3	0.180		0.010	100	0.15	0.4	267		0.70	
730604	2480	22.8	6.4	6.9	0.230		0.012	3200	0.25	0.1	317		0.30	
730502	3600	16.1	5.7	7.2	0.080		0.000	100	0.18	0.0	317		0.30	
730402	2180	12.8	7.1	7.2	0.160		0.007	1200	0.36	0.1	333		0.30	
730305	233	9.4	9.7	7.4	0.180		0.010	260	0.43	0.3	533		0.40	
730213	1360	2.2	12.8	7.6	0.070		0.008	180	0.25	0.2	383		0.50	
730115	1260	0.0	12.6	7.6	0.060		0.008	70	0.13	0.1	350		0.50	
721122	797	5.0	10.3	7.4	0.100		0.007	920	0.23	0.2	483		0.50	
721109	274	8.9	5.7	6.9	0.300		0.010	16000	0.45	0.3	450		0.60	
721022	62	17.2	7.4	7.7	0.200		0.008	4000	0.23	0.5	483		0.50	
720830	301	26.1	4.9	7.4	0.200		0.005	40	0.36	0.5	450	0.0	0.60	
720807	49	23.9		7.6	0.260		0.000	110	0.15	0.4	417	0.0	0.30	
720731	47	26.1	5.4	7.8	0.220		0.000	120	0.16	0.6	433		0.50	55
720621	44	21.1	4.6	7.9	1.900		0.000	10	0.20	0.0	567		0.40	
720522	50	23.3	5.2	8.1	0.090		0.010	10	0.18	0.4	633		0.40	
720427	1400	15.6		7.3	0.070			200	0.38	0.2	292		0.40	65
720329	179	6.1	8.4	7.5	0.080		0.010	300	0.40	0.6	1100		0.70	60
720229	94	10.0	10.4	7.1	0.080		0.000	30	0.75	1.7	1288		1.20	5
720125	26	3.9	16.7	8.2	0.220		0.000	10	0.10	0.1	733			
711214	35	9.4	6.6	7.7	0.620	30		180	1.60	0.0				75
711102	33		4.7	7.7	0.163	22		1000	0.20	0.0				70
711005	35		4.4	7.9	0.131	62		11000	0.70	0.0				95
710921	29		5.3	6.8	0.098	29		100	0.20	0.0				110
710615	125	26.1	4.2	7.3		37				0.0			1.30	130
710505	100	16.7	5.0	7.4		37				0.2			0.90	140
710316	860	10.0	9.7	6.9		32				0.0			0.30	280
710209	782	0.6	11.9	6.5		41				0.2			1.20	140
701020	46	12.8	7.5	7.4		40				0.0			1.10	90
700928	28		6.0	6.7						0.0			0.10	190
700818	22	28.9	8.0	7.6		22	0.000	10		0.0			1.30	130
700714	18		5.4	7.1		28				0.0			0.10	170
700630	97	26.7	3.7			26				0.0			1.00	120
700512	1330	22.8	4.6	7.2		27				0.0			0.90	70
700407	1840		9.0	7.3		19				0.0			0.00	80
700317	1000	3.9	11.8	7.9		16				0.0			1.00	85
700210	2640	3.9	11.6	7.3		21				0.2			1.00	90
691216	291	3.0	10.7	7.2		19				0.0			0.70	25
691028	26	10.6	7.3	7.5		21	0.000	50		0.0			0.90	70
691009	30		6.7	7.5		30				0.0			0.20	80
690910	333	21.7	4.0	6.9		19				0.0			0.60	140
690805	134		2.9	6.8		27				0.0			0.10	60

N 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
690610	14	25.0	7.5	7.5		26				0.0			0.70	90
690429	1740	15.6	5.5	7.1		24				0.0			0.40	45
690402	1310		9.4	7.1		27				0.5			0.10	50
690305	1090	5.0	11.6	7.1		28				0.7			0.80	110
690126	3310	2.8	10.6	6.9		32				1.4			0.40	230
690108	701		9.2	6.4		26				0.5			0.30	55
681126	44	8.3	7.9	7.5		24				0.5			0.50	100
681009	2.3	15.6	5.5	7.6						0.0			0.30	61
681001	3.2		6.5	7.3		21				0.0			0.30	25
680904	4.4	23.9	4.5	7.5		16		60		0.0			0.40	100
680730	37	26.7	6.4	7.8	0.131	20	0.000		1.00	0.7			0.30	120
680717	6.3		0.5	7.2		22				0.2			0.10	45
680528	1330	18.9	6.0	7.1		18				1.1			0.30	270
680416	905	16.1	5.7	7.3		23				0.2			0.30	62
680306	59	7.8	12.6	7.5		11				6.8			0.30	35
680130	1860		10.1	6.9		28				0.7			0.20	60
680110	116	0.6	8.3	6.8		12				0.0			0.10	32
671121	44	9.4	8.7	7.0		11				0.2			0.30	57
671010	131	15.0	5.4	7.1	0.030	15	0.000		2.20	0.5			0.40	80
670830	22	22.2		6.8		10							0.20	110
670718	788	22.8	5.1	7.0									0.20	180
670607	33	25.6	6.2	7.2									0.20	180
670419	657	18.9	5.2	7.2									0.30	130
670315	2010	13.3	5.5	8.1									0.50	60
670118	42	0.6	10.6	7.4									0.30	80
661102	3.5	6.1	6.5	7.4									0.30	30
660921	25	18.9	6.2	7.8									0.50	35
660803	2.8	25.0	5.6	7.6									0.30	70
660622	9.1	26.7	10.5	7.5									0.20	110
660425	2450	17.8	5.0	6.8									0.20	110
660308	290	5.0	10.9	7.4									0.20	100
660111	97	2.2	10.4	7.3									0.40	45
650927	102	17.8	6.0	7.9									0.20	160
650816	3.2	28.3	5.5	7.4									0.30	120
650505	38	22.8	6.3	7.3									0.40	120
650224	135	3.0	10.0	6.6									0.40	130
641216	29	3.9	8.0	7.2									1.60	60
640929	14	17.2	2.5	7.0									0.60	130
640825	6.7	23.0	6.1	7.0									0.90	40
640820	1.6			7.1									0.90	10
630812	18	25.6	2.5	7.2									0.40	100
630204	24	1.1	6.2	6.9									0.90	35
620716	1370	26.7	5.2	7.0									0.20	370
620116	1460	3.0	11.2	6.9									0.10	100
610606	43	23.0	5.1	7.8									0.30	150
610111	21	0.0	8.5	7.4									1.20	7
591208	56	1.1	9.7	7.6									0.00	10
580626	242	20.0	5.1	7.4										

N 04 BIG MUDDY RIVER
ROUTE 148 BRIDGE 4 MI NORTH NORTHWEST OF HERRIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740807		0.00	0.00	0.000	0.7	0.02	0.84	0.0	0.1	0.2	28	85		
740509		0.00	0.00	0.000	1.2	0.08	0.88	0.0	0.0	0.1	23	59		
740214		0.00	0.00	0.000	0.7	0.02	0.22	0.0	0.0	0.1	24	62		
731108		0.00	0.00	0.000	1.2	0.01	0.50	0.0	0.0	0.3	44	58		
720731		0.00	0.00		2.0	0.04	1.08	0.1	0.0	0.3	41	100		
720427		0.00	0.00	0.000	3.0		0.20	0.0	0.0	0.1	22	92		
720329				0.000	2.0		1.59			0.2	170	180		
720229				0.000	0.7		1.70			0.2	210	220		
701020											190	95	208	60
700818		0.00	0.00	0.000	0.2	0.00		0.0	0.0	0.3	495	45	328	100
700714											332	160	216	64
691216						0.00								

N 04 BIG MUDDY RIVER
ROUTE 148 BRIDGE 4 MI NORTH NORTHWEST OF HERRIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
691028		0.00	0.00	0.000				0.0	0.1	0.2				
691009											385	130	290	80
690805					0.0	0.00				0.0				
680730		0.00	0.00	0.000	0.8	0.08	1.10	0.0	0.0	0.3	45	92	180	120
680306											250	123	380	88
680110											125	85	310	72
671121											158	95	352	52
671010		0.00	0.00	0.000	0.0	0.00	2.10	0.0	0.1	0.2	415	20	300	40
670830											96	70	264	24
670718	2										16	30	36	30
670607	6										67	40	176	96
670419	1										52	16	154	72
670315	1										44	16	140	48
670118	9										140	58	276	60
661102	2										132	50	344	120
660921	6										152	38	320	156
660803	7										146	55	240	152
660622	9										122	70	236	96
660425	2										42	25	128	36
660308	2										98	49	240	56
660111	2										80	70	256	24
650927	1										96	45	128	44
650816	3										74	27	176	112
650505	4										120	400	470	284
650224	2										100	193	208	54
641216	4										114	340	216	144
640929	1										28	124	204	144
640825											115	215	560	224
640820												125	200	150
630812											22	62	96	62
630204	3										290	175	410	128
620716	3										40	28	56	26
620116	3										48	78	148	26
610606	1										141	196	260	82
610111	1										270	385	380	64
591208	1										220		320	62
580626					0.3									66

N 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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740807	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
740509	0.001	0.0	0.1	0.000		0.09		0.00	0.000					
740214	0.000	0.2	0.0	0.000		0.00		0.00	0.000					
731108	0.000	0.0	0.0	0.000		0.00		0.00	0.000					
720711	0.000	0.0	0.2	0.000	0.00	0.17		0.00	0.000					
720427		0.0		0.000		0.02			0.000					
720329						0.36	0.15							
720229						0.04	0.20							
700818		0.0		0.000		0.00								
691028	0.000	0.0		0.000		0.03								
690805				0.000										
680730	0.000	0.0		0.000		0.10								
671010	0.000	0.5		0.000		0.05								

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740911		22.2	7.5	7.0	0.100		0.000	100	0.12	4.0	383	0.0	0.40	
740808		26.1	0.0	7.0	0.130		0.000	40	0.05	0.3	333		0.20	
740701		24.4	6.4	7.8	0.090		0.005	40	0.10	0.2	350		0.30	
740603		22.2	7.9	7.3	0.110		0.005	90	0.10	0.2	350	0.2	0.30	
740506		17.8	9.4	7.6	0.050		0.010	10	0.10	0.1	333		0.10	
740415		12.8	9.8	7.6	0.080		0.005	10	0.10	0.2	300		0.20	
740318		10.0	11.2	7.1	0.070		0.005	60	0.05	0.3	300		0.20	
740214		3.9	12.2	7.7	0.060		0.005	80	0.10	0.2	300		0.20	
740124		3.3	13.0	7.4	0.080		0.010	420	0.20	0.2	300		0.20	
731212		1.7	11.9	7.6	0.140		0.005	220	0.15	0.2	350	0.0	0.30	
731113		8.3	11.0	7.6	0.380		0.000	260	0.10	0.4	380		0.30	
731011		19.4	5.3	7.3	0.440		0.020	60	0.15	0.7	367		0.20	
730920		16.7	6.0	7.5	0.360		0.005	14000	0.10	0.7	367	0.0	0.40	
730731		27.2	4.5	7.6	0.080		0.005	100	0.25	0.2	283		0.30	
730711		27.2	5.6	7.5	0.120		0.015	30	0.15	0.1	300		0.40	
730605		22.2	7.5	7.5	0.200		0.012	3300	0.25	0.0	283	0.3	0.30	
730430		15.0	8.1	7.5	0.060		0.008	90	0.25	0.2	317		0.40	
730329		10.0	10.4	7.7	0.080		0.007	150	0.20	0.4	350		0.30	
730319		8.9	10.5	7.7	0.110		0.007	2200	0.24	0.4	350	0.4	0.50	
730206		3.9	12.4	7.7	0.060		0.007	50	0.23	0.2	367		0.40	
730116		0.6	13.2	7.7	0.080		0.007	120	0.15	0.0	350		0.50	
721204		3.9	11.6	7.9	0.040		0.005	10	0.23	0.1	383		0.40	
721114		8.3	7.5	7.0	0.420		0.015	35000	0.28	0.5	333		0.50	
721004		18.3	7.2	7.3	0.240		0.005	360	0.15	0.5	433	0.4	0.70	
720830		27.2	5.5	7.5	0.240		0.005	190	0.41	0.3	417	0.0	0.80	
720807		22.2	4.0	7.4	2.100		0.000	1100	0.32	1.4	483		0.60	35
720731		24.4	5.0	7.6	0.580			30	0.26	0.5	467	0.0	0.60	
720628		23.9	4.6	7.7	0.240		0.015	120	0.23	0.0	483		0.60	
720524		21.1	4.1	7.9	0.200		0.000	830	0.44	0.0	550		0.40	50
720427		13.9	6.1	7.7	0.200		0.010	1500	0.23	0.9	657		0.60	
720328		7.2	7.3	7.6	0.480		0.000	1400	0.25	0.7	850		0.70	45
720119		1.7	11.8	7.6	0.930		0.012	12000	0.80	0.6	557			
711214		8.3	8.8	7.6	0.228	32		490	0.50	0.0				50
711102			5.8	7.8	0.522	17		1000	0.20	0.0				65
711005			4.5	7.8	0.718	57		1000	0.80	0.0				90
710921			5.8	7.1	0.718	38		0	0.10	0.0				110
710616		23.3	3.7	7.3		36				0.0			1.00	75
710506		17.8	6.3	7.4		47				0.2			0.80	220
710317		7.2	11.2	7.1		31				0.0			0.10	230
710210		0.6	11.8	6.9		41				0.0			1.40	60
701021		13.3	4.8	7.5		47				0.2			1.10	140
700928			7.2	6.8		8				0.2			0.10	140
700915		24.4	3.7	7.1		25	0.000			0.0			0.90	120
700819		26.1	3.7	6.9		21				0.2			0.50	690
700714			2.5	7.2		24				0.0			0.10	120
700701		26.7	2.5			22				0.0			1.30	200
700513		23.3	4.3	7.0		29				0.0			0.90	250
700407			9.6	7.4		14				0.0			0.00	180
700318		2.8	12.6	7.7		15				0.0			1.10	85
700211		2.8	12.2	7.4		21				0.2			1.10	95
700107			13.2	7.1		22				0.0			0.10	25
691217		2.2	12.2	7.4		23				0.0			0.60	33
691029		8.9	5.7	7.2		21	0.000	660		0.0			0.90	85
691009			4.2	7.3		21				0.0			0.20	160
690911		19.4	4.7	7.0		19				0.0			0.70	290
690805			3.7	7.0		23							0.10	150
690611		22.8	2.7	7.4		26				0.0			1.00	100
690430		13.3	6.7	7.2		23				0.2			0.50	130
690402			9.7	7.0		23				0.5			0.10	95
690306		5.0	10.6	7.0		25				0.9			0.80	90
690129		3.9	10.1	6.8		30				1.1			0.40	190
690108			9.4	6.5		21				0.5			0.20	110
681127		7.8	6.6	7.4		26				0.7			0.50	90
681010		12.8	6.4	7.8						0.5			0.50	91
681001			4.5	7.4		26				0.2			0.40	25
680905		21.7	4.1	7.4		19		910		0.7			0.60	120
680731		24.4	5.3	7.6	0.750	27	0.000		0.70	1.4			1.30	140
680717			4.2	7.2		22				0.2			0.20	65
680529		17.2	5.8	7.2		20				1.4			0.40	180
680417		15.0	7.3	6.8		18				0.5			0.30	220

N 06 BIG MUDDY RIVER
ROUTE 14 BRIDGE 3 MI WEST OF BENTON —CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MDAS (MG/L)	TURBID-ITY UNITS
680307		5.6	11.6	7.5		13				1.1			0.40	29
680130			8.6	7.1		19				0.7			0.00	160
680111		0.0	9.1	6.8		10				0.0			0.10	30
671122		7.8	7.7	7.3		14				0.7			0.40	70
671011		11.7	6.0	7.2	0.163	15	0.000		1.50	0.2			0.20	115
670830		21.1		7.1		16				0.2			0.40	135
670719		22.8	4.4	6.8									0.50	250
670608		23.3	3.9	7.3									0.20	160
670420		16.7	6.1	7.3									0.50	180
670316		10.0	6.0	8.1									0.30	260
670119		0.6	11.0	7.3									0.40	65
661103		5.0	8.9	7.5									0.40	40
660922		16.7	4.4	7.9									0.50	170
660804		22.8	5.6	7.6									0.30	80
660623		23.3	6.0	7.5									0.20	120
660426		17.8	3.9	6.8									0.00	60
660309		4.4	11.4	7.7									0.20	60
660112		2.2	11.3	7.2									0.50	35
650928		16.7	5.5	7.8									0.20	170
650817		24.4	6.1	7.2									0.60	70
650505		21.7	5.5	7.1									0.50	100
650224		2.2	13.3	6.7									0.50	160
641216		3.9	8.2	7.1									0.80	40
640929		16.7	2.9	7.2									0.50	40
640828				7.3									0.50	25
640825		23.3	4.5	7.6									5.20	60
630812		25.6	3.3	7.1									0.50	90
630204		1.1	7.8	6.9									1.60	30
620716		26.7	4.6	7.1									0.20	310
620116		3.3	11.4	7.2									0.30	80
610606		23.3	3.8	6.9									0.40	100
591208		1.1	10.5	7.3									0.00	12
580626		18.9	5.1	7.2										

N 06 BIG MUDDY RIVER
ROUTE 14 BRIDGE 3 MI WEST OF BENTON --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740911		0.00	0.00	0.000	0.3	0.01	0.63	0.0	0.0	0.3	28	65		
740603		0.00	0.00	0.000	0.9	1.40	0.65	0.0	0.1	0.2	25	68		
740318				0.000						0.2	25	55		
731212		0.00	0.00	0.000	0.3	0.03	0.29	0.0	0.0	0.2	22	59		
730920		0.00	0.00	0.000	2.2	0.03	0.80	0.0	0.0	0.3	23	70		
730605		0.00	0.00	0.000	1.0	0.01	0.55	0.0	0.0	0.4	24	61		
730319		0.00	0.00	0.000	1.0	0.02	0.35	0.0	0.0	0.2	30	76		
721204		0.00	0.00	0.000	0.0	0.05	0.17	0.0	0.0	0.2	33	63		
720830		0.00	0.00	0.000	1.0	0.01	0.34	0.0	0.0	0.2	37	65		
720807		0.00	0.00	0.000	1.4	0.02	1.08	0.0	0.0	0.3	43	80		
720524		0.00	0.00	0.000	1.9	0.03	2.72	0.0	0.0	0.2	52	110		
700915		0.00	0.00	0.000	0.8	0.00	1.10	0.0	0.1	0.3	54	58	148	100
700714											144	190	240	138
700107											106	200	260	58
691217						0.00								
691029		0.00	0.00	0.000				0.0	0.1	0.2				
690805					0.0	0.00				0.0				
690611											96	73	284	120
681010											130	54	180	128
680731		0.00	0.00	0.000	1.0	0.30	0.90	0.0	0.1	1.1	87	145	180	140
680717											81	150	192	98
680307											190	105	370	108
680111											200	93	400	104
671122											250	65	390	84
671011		0.00	0.00	0.000	0.9	0.30	0.70	0.0	0.0	0.2	66	33	160	100
670830											122	30	208	92
670719	3										39	23	102	56

N 06 BIG MUDDY RIVER
ROUTE 14 BRIDGE 3 MI WEST OF BENTON —CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
670608	3										200	51	232	116
670420	2										76	23	204	88
670316	3										39	12	148	62
670119	0										122	68	284	64
661103	7										100	17	204	116
660922	5										80	71	120	120
660804	5										166	75	390	152
660623	4										98	55	204	108
660426	2										26	15	82	28
660309	2										120	54	280	68
660112	2										96	73	280	76
650928	3									0.2	102	28	152	84
650817	3										52	28	156	92
650505	2										180	462	510	320
650224	4										106	277	244	72
641216	3										106	280	196	102
640929	2										56	280	320	152
640828	5											75	160	110
640825											105	198	440	172
630812	6										34	58	116	60
630204											205	385	380	140
620716	2										51	26	62	36
620116	4										40	90	164	30
610606	2										242	135	310	104
591208	1										265		290	64
580626	3										136		156	254

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740311	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
740603	0.001	0.0	0.0	0.000		0.62		0.00	0.000					
740318			0.1											
731212	0.000	0.0	0.0	0.000		0.00		0.00	0.000					
730920	0.000	0.1	0.0	0.000		0.00		0.00	0.000					
730605	0.000	0.4	0.0	0.000		0.00		0.00	0.000					
730319	0.000	0.0	0.1	0.000		0.15		0.00	0.000					
721204				0.000		0.00								
720830	0.000	0.0	0.1	0.000		0.12		0.00	0.000					
720807	0.000	0.0	0.2	0.000	0.00	0.06		0.00	0.000					
720524		0.0		0.000		0.05			0.000					
700915		0.0		0.000		0.00								
691229	0.000	0.0		0.000		0.03								
690805				0.000										
680731	0.000	0.0		0.000		0.20								
671011	0.000	0.0		0.000		0.10								

N 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	NBAS (MG/L)	TURBID-ITY UNITS
740910		22.2	7.2	6.8	0.200		0.000	100	0.08	0.0	417		0.20	
740822		25.0	2.6	7.4	0.210		0.000	60	0.08	0.2	517		0.20	
740722		27.2	1.3	7.0	0.230		0.005	200	0.05	0.6	467	0.0	0.10	
740604		22.2	5.2	6.9	0.180		0.010	90	0.20	0.5	467		0.30	
740508		17.8	8.0	7.4	0.180		0.010	60	0.10	0.2	400		0.30	
740409		9.4	9.5	7.3	0.140		0.005	290	0.15	0.3	417		0.20	

N 07 BIG MUDDY RIVER
US 51 BRIDGE 2 MI SOUTH OF DESOTO --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740306		13.0	9.3	7.3	0.320		0.005	1100	0.25	0.4	400		0.20	
740207		2.2	11.0	7.4	0.110		0.005	70	0.20	0.4	383		0.30	
740124		4.4	9.6	7.1			0.010	290	0.25	0.6	280	0.2	0.10	
731203		9.4	6.0	7.0	0.220		0.010	90	0.25	0.2	233		0.10	
731113		7.2	10.7	7.5	0.320		0.010	170	0.67	0.6	890		0.50	
731011		21.1	4.5	7.4	0.190		0.000	750	0.20	0.4	600	0.0	0.30	
730913		21.7	4.6	7.5	0.260		0.000	190	0.30	0.7	867		0.50	
730802		25.6	5.6	7.4	0.220		0.010	100	0.25	0.3	333		0.20	
730706		26.1	5.0	7.4	0.240		0.015	200	0.15	0.4	333		0.50	
730604		23.3	6.7	7.2	0.350		0.008	900	0.35	0.3	467		0.30	
730430		15.6	5.0	7.1	0.100		0.008	10	0.35	0.2	250		0.30	
730329		12.2	8.8	7.2	0.130		0.007	110	0.20	0.4	450		0.30	
730305		7.8	9.8	7.6	0.230		0.008	310	0.46	0.5	667		0.40	
730206		5.0	11.0	7.5	0.120		0.008	90	0.25	0.1	433		0.40	
730110		0.0	12.1	7.4	0.130		0.007	270	0.30	0.2	400		0.50	
721122		5.0	8.8	7.2	0.180		0.007	220	0.15	0.0	350		0.40	
721030		11.7	5.4	7.5	0.330		0.007	360	0.78	0.8	700	0.0	0.70	
720925		22.2	5.5	7.7	0.290		0.009	1800	0.20	0.7	633	0.3	0.60	
720831		25.0	4.9	7.2	0.240		0.005	90	0.34	0.6	467	0.2	0.70	
720810		23.3	7.2	7.5	0.280		0.000	140	0.17	0.4	783	0.5	0.40	
720713		26.1	5.3	7.9	0.080		0.010	20	0.32	0.7	1017	0.0	0.40	
720620		28.0	5.1	7.9	0.130		0.010	80	0.35	0.0	1250		0.50	35
720524		24.4	4.3	8.0	0.100		0.000	60	0.34	0.4	883		0.50	
720425		15.0		7.0	0.090		0.010	100	0.33	0.3	260		0.40	
720329		6.1	9.0	7.5	0.070		0.000	250	0.20	0.4	583		0.40	35
720229		10.6	11.6	7.5	0.230		0.000	220	0.70	1.5	1080		0.90	50
720112		0.9	13.5	7.8	0.300		0.000	790	0.95	0.9	1000			

N 07 BIG MUDDY RIVER
US 51 BRIDGE 2 MI SOUTH OF DESOTO --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722		0.00	0.00	0.000	1.8	0.02	0.68	0.0	0.1	0.2	30	85		
740124		0.00	0.00	0.000	2.0	0.01	0.18	0.0	0.0	0.1	13	79		
731011		0.00	0.00	0.000	1.0	0.01	0.72	0.0	0.0		23	155		
720925		0.00	0.00	0.000	2.2	0.29	1.25	0.0	0.1	0.4	43	170		
720620		0.00	0.00	0.000	1.4	0.02	2.70	0.0	0.0	0.4	60	300		
720329				0.000	1.5		1.35			0.2	40	180		
720229				0.000	1.0		1.20			0.2	94	210		

N 07 BIG MUDDY RIVER
US 51 BRIDGE 2 MI SOUTH OF DESOTO --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	MOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740722	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
740124	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
731011	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
720925			0.2	0.010		0.20								
720620		0.0		0.000		0.10			0.000					
720329						0.13	0.06							
720229						0.11	0.17							

N 38 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740917		17.2	6.9	7.0	0.120		0.000	830	0.10	0.3	517		0.20	
740731		25.0	1.0	7.3	0.150		0.020	10	0.23	0.4	683		0.30	
740708		23.9	4.6	7.7	0.120		0.005	160	0.35	0.3	933		0.30	
740606		21.7	4.6	7.4	0.170		0.010	870	0.20	0.4	817		0.40	
740520		22.2	6.6	7.5	0.100		0.005	690	0.20	0.2	767	0.0	0.20	
740429		20.6	7.9	7.9	0.060		0.010	20	0.10	0.0	767		0.20	
740226		0.6	13.2	7.6	0.100		0.005	40	0.10	0.6	667	0.2	0.20	
740124		4.4	12.4	7.5	0.080		0.005	340	0.15	0.6	583		0.20	
731212		1.7	12.2	7.9	0.030		0.005	170	0.00	0.4	883		0.30	
731114		7.8	5.1	7.1	0.160		0.020	200	0.05	0.1	670	0.0	0.50	
731011		20.0	3.2	7.4	0.110		0.015	370	0.20	0.2	900		0.40	
730920		16.1	6.3	7.3	0.100		0.005	740	0.10	0.4	717		0.60	
730731		26.7	3.0	7.8	0.100		0.005	100	0.30	0.1	1100		0.50	
730711		26.1	2.9	7.5	0.140		0.005	210	0.25	0.1	680		0.60	
730605		21.1	6.5	7.1	1.200		0.017	35000	0.40	0.4	250		0.30	
730430		15.6	7.4	7.6	0.090		0.006	440	0.22	0.2	850		0.50	
730329		11.1	9.3	7.6	0.220		0.010	6300	0.26	0.6	550		0.40	
730319		7.2	10.9	7.7	0.070		0.008	280	0.25	0.5	463		0.50	
730206		5.0	10.1	7.6	0.080		0.000	80	0.25	0.6	917		0.50	
730116		0.0	11.8	7.5	0.040		0.000	20	0.41	0.3	1233		0.60	
730102		1.1	12.3	7.3	0.180		0.000	180	0.25	0.8	617		0.50	
721114		7.2	8.5	7.0	0.330		0.013	10000	0.35	0.5	167	0.0	0.40	
721004		18.3	6.5	7.5	0.240		0.015	750	0.26	0.3	1083	0.4	1.00	
720830		22.2	3.9	7.1	0.120		0.015	380	0.34	0.2	617	0.0	0.70	
720807		21.1	3.8	7.1	0.400		0.000	1200	0.47	0.3	300	0.3	0.20	
720731		21.1	4.4	7.4	0.520		0.010	1500	0.50	0.5	367	0.0	0.40	
720628		21.1	4.0	7.7	0.020		0.010	560	0.20	0.1	967		1.00	60
720524		21.1	3.3	7.9	0.040		0.010	280	0.29	0.0	1550		0.60	
720427		13.0	8.3	7.4	0.030		0.020	200	0.24	0.4	863		0.60	
720328		6.7	10.1	7.6	0.040		0.000	20	0.10	0.0	1467		0.60	40
720228		6.1	11.4	7.2	0.090		0.000	130	0.35	2.2	888		0.90	70
720125		2.2	10.4	7.4	0.030		0.000	230	0.10	0.2	1683		0.93	

N 08 BIG MUDDY RIVER
ROUTE 15 BRIDGE 3 MI WEST OF MOUNT VERNON --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740520		0.00	0.00	0.000	2.2	0.00	0.64	0.0	0.0	0.1	47	200		
740226		0.00	0.00	0.000	1.5	0.02	0.30	0.0	0.0	0.1	47	180		
731114		0.00	0.00	0.000	1.5	0.01	0.50	0.0	0.0	0.2	94	120		
721114		0.01	0.01	0.000	5.1	0.02	0.20	0.0	0.1					
720628		0.00	0.00	0.000	2.4		2.00	0.0	0.0	0.3	100	190		
720328				0.000	1.4		0.48			0.2	140	390		
720228				0.005	2.0		0.00				68	150		
720125				0.000	0.6		0.40			0.1	235	420		

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740520	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
740226	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
731114	0.000	0.0	0.0	0.000		0.00		0.00	0.000					
721114		0.1		0.000		0.32			0.000					
720628		0.0		0.015		0.13			0.000					
720328						0.24	0.13							
720228						0.04	0.70							
720125							0.14							

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740909		22.8	3.3	8.0	0.050		0.005	0	0.00	0.0	200	0.0	0.10	
740809		26.7	2.7	7.3	0.050			30	0.00	0.1	350		0.10	
740710		27.8	2.0	8.0	0.080		0.005	20	0.20	0.0	330		0.10	
740604		26.1	8.4	7.8	0.080		0.005	10	0.05	0.2	183	0.4		
740508		18.3	9.8	7.8	0.080		0.010	10	0.10	0.4	183		0.20	
740408		10.0	11.5	7.7	0.080		0.000	10	0.05	0.4	183		0.10	
740325		7.2	11.8	7.8	0.040		0.005	10	0.05	0.4	167	0.2	0.20	
740219		3.3	12.5	7.7	0.060		0.005	30	0.06	0.5	200		0.10	
740121		2.2	14.1	7.5	0.040		0.010	10	0.10	0.4	183		0.20	
731213		1.7	11.4	7.8	0.120		0.005	10	0.15	0.3	200	0.0	0.20	
731107		12.2	7.8	7.6	0.270		0.005	10	0.15	0.0	190		0.10	

NB 01 KINCAID CREEK
NORTH OF ROUTE 3 AT DAM --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740909		0.00	0.00	0.550	0.4	0.01	0.05	0.0	0.0	0.2	3	120		
740604		0.00	0.00	0.000	0.8	0.02	0.10	0.0	0.0	0.2	5	25		
740325		0.00	0.00	0.000	0.8	2.18	0.05	0.0	0.0	0.1	3	22		
731213		0.00	0.00	0.000	0.3	0.01	1.20	0.0	0.0	0.1	2	20		

NB 01 KINCAID CREEK
NORTH OF ROUTE 3 AT DAM --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740909	0.000	0.0	0.0	0.000		0.00		0.00	0.000					
740604	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
740325	0.000	0.0	0.0	0.000		0.40		0.00	0.000					
731213	0.000	0.0	0.0	0.000		0.00		0.00	0.000					

NC 01 BEAUCOUP CREEK
TOWNSHIP ROAD BRIDGE 2 MI WEST OF VERCENNES
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711101			4.7	8.1	0.065	23		1000	0.10	0.0				35
711004			6.1	7.8	0.111	12		1000	0.00	0.0				25
710920			7.8	7.9	0.163	32		400	0.10	0.0				30
700929			7.8	6.7		4				0.0			0.00	45
700700			7.4	7.7		16				0.0			0.10	60
700406			10.2	7.6		10				0.0			0.00	35
700100			13.0	7.0		14				0.0			0.10	25
691008			4.8	7.1		23				0.0			0.20	160
690401			11.1	7.4		20				0.5			0.00	130
690107			12.4	6.9		8				0.5			0.20	30
680930			7.2	7.7		12				0.0			0.10	30
680129			10.2	7.1		26				0.5			0.10	550
610606		21.1	4.7	7.4									0.00	110
610111		0.0	12.1	7.5									0.00	12

NC 01 BEAUCOUP CREEK
TOWNSHIP ROAD BRIDGE 2 MI WEST OF VERCENNES --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
700929											20	670	540	44
700708											61	1000	960	156
700406											41	490	520	112
700108											87	780	780	146
691008											17	260	272	48
690401											29	360	420	104
690107											30	550	560	92
680930											39	940	750	136
610606	0										42	1078	820	140
610111											56	1000	870	144

NC 02 BEAUCOUP CREEK
ROUTE 149 BRIDGE 1.5 MI EAST OF ROUTE 10
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740919		20.6	6.6	7.5	0.440		0.005	1000	0.10	0.8			0.20	
740822		24.4	1.9	7.3	0.280		0.000	210	0.18	0.7	1150		0.10	
740722		27.2	2.0	7.8	0.290		0.005	110	0.06	0.1	2800	0.0	0.10	
740604		21.7	5.2	7.2	0.150		0.005	220	0.20	0.8	850		0.30	
740508		18.3	6.5	7.8	0.390		0.010	240	0.15	0.4	1280		0.60	
740409		8.9	9.2	7.5	0.460		0.010	11000	0.15	0.4	617	0.4	0.20	
740307		13.3	8.0	7.2	0.780		0.005	9000	0.55	0.7	550	0.6	0.20	
740207		3.3	10.8	7.6	0.080		0.000	20	0.25	0.6	1117		0.30	
740131		6.1	10.3	7.5	0.220		0.000	880	0.30	0.5	400		0.20	
731203		10.6	6.3	7.0	0.280		0.010	140	0.45	0.3	400	0.0	0.10	
731113		6.7	9.4	7.7	0.220		0.005	240	0.14	0.7	2000		0.40	
731011		21.7	7.0	7.9	0.140		0.010	860	0.15	0.2	2333		0.20	
730913		21.7	5.4	7.9	0.180		0.005	370	0.20	0.4	3500	0.0	0.30	
730802		25.6	7.0	8.1	0.160		0.015	200	0.15	0.0	3833		0.20	
730706		25.6	4.1	7.4	0.300		0.010	300	0.40	0.9	1050			
730605		23.3	6.2	7.4	0.350		0.015	800	0.30	0.4	367	0.0	0.30	
730502		16.7	7.7	7.1	0.260		0.000	4100	0.37	0.1	163		0.20	
730402		13.3	7.1	7.5	0.320		0.010	1500	0.46	0.3	550		0.30	
730307		10.6	9.0	8.0	0.310		0.010	6200	0.50	0.5	1833	0.0	0.50	
730228		3.3	11.2	7.9	0.100		0.000	60	0.35	0.7	1650		0.50	
730116		0.0	11.5	7.5	0.080		0.000	10	0.55	0.7	1750		0.40	
721128		3.9	11.0	7.6	0.130		0.007	410	0.19	0.7	917		0.50	
721030		11.7	7.1	7.5	0.180		0.010	90	0.12	0.0	2000	0.4	0.50	
720925		21.1	5.9	7.7	0.180		0.009	70	0.11	0.0	3167	0.2	0.40	
720831		22.8	4.4	7.2	0.250		0.005	640	0.36	0.7	600	0.2	0.60	
720810		20.6	5.5	7.5	0.240		0.010	460	0.14	0.5	617	0.0	0.20	
720710		24.4	4.0	8.1	0.070		0.005	20	0.28	0.0	2833		0.30	
720620		25.0	5.3	7.9	0.090		0.000	140	1.50	0.0	3000		0.50	
720523		22.8	7.5	8.1	0.040		0.000	20	0.18	0.0	2000		0.40	
720425		15.0	5.2	7.4	0.080		0.020	200	0.51	0.3	242		0.30	130
720330		6.1	8.9	7.1	0.050		0.015	2400	0.30	1.1	550		0.00	480
720229		10.0	11.1	7.5	0.130		0.000	340	0.40	2.6	637		0.90	170
720112		3.3	11.8	7.7	0.250		0.000	470	0.45	0.8	1110			
711206		6.7	9.1	7.2	0.065	16		100	0.20	0.0				25
711102			3.7	7.7	0.098	20		4000	0.10	0.0				80
710905			4.4	7.6	0.163	42			0.50	0.0				60
710803			5.3	7.8		18				0.0			0.10	140
710615		26.1	7.1	7.5		35				0.0			1.10	160
710505		16.1	7.5	7.8		38				0.0			0.60	150
710316		12.2	9.5	6.9		32				0.2			0.00	1300
710209		0.6												
701020		12.8	9.0	7.4		50				0.0			0.60	90
700928			4.8	6.9		12				0.0			0.00	25
700818		27.2	4.7	7.9		14	0.000	120		0.0			0.50	100
700708			5.2	7.6		22				0.0				200
700630		25.0	4.2			26				0.0			1.00	240
700512		21.1	5.0	7.2		26				0.0			0.90	450
700406			9.8	7.4		44				0.0			0.00	55
700317		4.4	11.8	7.8		13				0.0			0.90	35
700210		5.0	11.5	7.5		23				0.2			1.00	185

NC 02 BEAUCOUP CREEK
ROUTE 149 BRIDGE 1.5 MI EAST OF ROUTE 13 --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
700108			13.5	7.4		16				0.0			0.10	25
691216		3.3	13.0	7.6		20				0.0			0.70	10
691028		10.0	9.5	7.5		15	0.015	10		0.0			0.70	35
691008			5.0	7.3		26				0.0			0.20	800
690910		21.1	5.4	7.0		18				0.0			0.30	250
690610		23.3	6.4	7.7		20				0.0			0.60	100
690429		15.6	7.3	7.4		17				0.0			0.30	70
690301			11.1	7.4		15				0.2			0.00	50
690305		5.0	12.0	7.3		24				0.9			0.80	200
690128		0.9	9.6	7.1		27				1.4			0.40	180
690107			12.3	6.9		18				0.5			0.30	180
681126		9.4	8.6	7.2		21				0.5			0.10	500
681009		15.0	7.9	7.7		13				0.0			0.10	25
680930			7.0	7.7		14				0.2			0.20	45
680904		22.8	6.3	7.7		11		20		0.0			0.20	95
680730		25.0	5.5	7.4	0.131	8	0.000		1.00	0.2			0.20	150
680528		18.3	7.0	7.4		15				0.9			0.30	90
680416		16.1	8.2	7.2		16				0.2			0.20	62
680306		6.7	12.2	7.9		11				0.0			0.20	25
680129			10.9	7.2		14				0.5			0.10	150
680110		0.0	10.0	7.0		7				0.0			0.00	25
671121		9.4	10.4	7.3		10				0.0			0.10	20
671010		15.0	7.8	7.1	0.098	9	0.000		0.60	0.2			0.10	50
670829		22.8		7.5		14							0.20	100
670718		23.9	8.1	7.7									0.20	112
670607		23.3	6.8	7.4									0.10	160
670419		19.4	7.4	7.7									0.30	55
670315		13.3	8.0	7.9									0.50	80
670116		1.1	13.1	7.4									0.30	12
661102		7.8	6.4	7.2									0.20	11
660921		17.8	7.3	7.7									0.10	40
660803		23.3	4.1	7.7									0.20	95
660622		20.4	5.2	7.3									0.00	95
660425		17.8	5.7	6.8									0.00	350
660308		5.6	11.5	7.5									0.30	420
660111		2.2	12.1	7.2									0.40	35
650927		17.8	6.3										0.30	45
650816		28.3	7.1	7.2									0.20	60
650504		22.2	10.4	6.9									0.30	11
650223		5.0	11.0	6.7									0.30	35
641215		3.9	12.0	8.2									0.10	9
640929		15.6	8.1	7.1									0.10	40
640825		22.8	5.7	7.7									0.20	80
640924				7.9									0.60	58
630812		25.6	5.8	7.1									0.30	110
630204		1.1	11.1	7.3									0.10	40
620716		26.7	5.3	7.0									0.20	400
620116		3.3	12.0	7.1									0.10	70
591208		1.1	12.3	7.9									0.00	10
580626		19.4	6.1	6.6										

NC 02 BEAUCOUP CREEK
ROUTE 149 BRIDGE 1.5 MI EAST OF ROUTE 13 --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722		0.00	0.00	0.000	2.1	0.01	1.85	0.1	0.1	0.2	50	275		
740409		0.00	0.00	0.000	12.0	1.00	0.90	0.0	0.2	0.2	10	210		
740307		0.00	0.00	0.000	19.0	0.10	1.00	0.1	0.1	0.2	17	175		
731203		0.00	0.00	0.000	5.0	0.01	0.21	0.0	0.0	0.2	11	150		
730913		0.00	0.00	0.000	1.8	0.00	0.67	0.0	0.0	0.4	22	1164		
730605		0.00	0.00	0.000	6.4	0.01	0.23	0.0	0.0	0.3	13	120		
730307		0.00	0.00	0.000	6.8	0.36	1.65	0.0	0.1	0.2	51	620		
721128		0.00	0.00	0.000	1.3	0.01	0.50	0.0	0.0	0.2	32	365		
720831		0.00	0.00	0.000	3.8	0.03	0.85	0.1	0.0	0.2	47	150		
720713		0.00	0.00	0.000	1.8	0.04	2.00	0.0	0.0	0.4	47	1200		

NC 02 BEAUCOUP CREEK
ROUTE 149 BRIDGE 1.5 MI EAST OF ROUTE 13 --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
720425		0.00	0.00	0.000	5.8	0.09	0.17	0.0	0.1	0.1	9	92		
710803											47	690	660	150
710615											74	500	830	212
710505											46	475	596	152
700928											133	130	204	68
700818		0.00	0.00	0.000	0.0	0.00	1.40	0.0	0.1	0.4	46	1050	1240	196
700704											45	690	670	158
700406											28	324	380	90
700317											35	350	416	110
700108											74	590	650	136
691216						0.00					80	590	750	200
691028		0.00	0.00	0.000				0.0	0.1	0.4	48	500	570	204
690610											70	346	1040	204
690429											28	485	388	112
690401											34	280	410	94
690107											26	330	364	74
681009											33	560	520	128
680930											22	1200	750	36
680904											43		790	130
680730		0.00	0.00	0.000	0.5	0.00	1.10	0.0	0.0	0.2	13	120	310	52
680528											26	169	400	64
680416											32	120	480	92
680306											150	355	102	176
680129											29	330	400	58
680110											88	315	850	156
671121											105	115	920	124
671010		0.00	0.00	0.000	0.3	0.00	2.10	0.1	0.2	0.2	38	165	510	24
670829											63	164	600	136
670718	5										59	300	784	148
670607	3										68	158	350	128
670419	4										70	100	780	156
670315	1										36	46	408	84
670118	5										93	431	1130	112
661102	3										140	447	1340	204
660921	1										55	147	1440	148
660803	3										120	845	1530	240
660622	3										65	375	970	164
660425	4										8	26	104	46
660308	3										162	46	164	96
660111	1										42	262	560	88
650927	1										22	42	96	56
650816	6										95	578	1300	220
650504	4										64	262	310	240
650223	1										48	570	790	100
641215	3										30	500	900	92
640929	2										95	208	360	232
640825											840	1338	1340	268
640824	3											730	940	230
630812											13	323	630	76
630204	1										68	1000	1010	208
620716	3										33	42	238	42
620116	4										20	135	176	50
591208	2										49	996	990	148
580626	1										50		680	40

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740919												1440		
740722	0.000	0.0	0.4	0.050		0.02		0.00	0.000			2250		
740409	0.000	0.1	0.1	0.001		0.53		0.00	0.000					
740307	0.000	0.0	0.3	0.000		0.60		0.00	0.000					
731203	0.000	0.0	0.0	0.000		0.00		0.00	0.000					
731113												1550		
730913	0.000	0.0	0.4	0.010		0.00		0.00	0.000					

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)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	PLANKTON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
730605	0.000	0.2	0.0	0.000		0.01		0.00	0.000					
730307	0.000	0.0	0.2	0.000		0.08		0.00	0.000					
721128				0.000		0.03								
720831	0.000	0.0	0.2	0.000				0.00	0.000					
720713	0.000	0.0	0.4	0.010	0.00	0.05		0.00	0.000					
720425		0.0		0.000		0.11			0.000					
700818		0.0		0.000		0.00								
691028	0.000	0.0		0.000		0.03								
680730	0.000	0.0		0.000		0.06								
671010	0.000	0.0		0.000		0.06								

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	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	NBAS (MG/L)	TURBIDITY UNITS
740903	558	18.3	3.3	7.0	0.300		0.010	540	0.20	0.7	167		0.10	
740805	84	20.0	1.5	7.0	0.450		0.005	3500	0.15	0.9	683		0.20	
740703	22	22.2	6.0	7.9	0.060		0.000	100	0.12	0.2	2833	0.0	0.30	
740529	50	17.8	6.7	7.9	0.000		0.005	160	0.15	0.4	2667		0.30	
740501	172	20.6	6.9	7.9	0.120		0.005	6100	0.15	0.2	1233		0.10	
740408	858	9.4	9.9	7.7	0.310		0.005	2900	0.20	0.4	1317		0.20	
740314	531	7.8	11.5	7.7	0.180		0.015	1600	0.25	0.5	800		0.10	
740214	45	5.0	11.4	8.1	0.060		0.005	10	0.20	0.4	1633		0.30	
740130	1480	5.6	11.2	7.2	0.230		0.015	1300	0.20	0.5	350	0.4	0.70	
731203	85	10.6	9.4	7.6	0.120		0.010	200	0.15	0.4	1250		0.20	
731113	17	7.8	9.2	7.7	0.100		0.005	70	0.14	0.3	2400		0.30	
731011	4.8	20.6	6.5	7.9	0.100		0.010	16000	0.15	0.1	5000	0.0	0.20	
730919	2.5	15.6	6.7	7.8	0.060		0.005	130	0.20	0.2	2333		0.40	
730802	68	26.1	5.9	7.8	0.140		0.010	100	0.15	0.3	1283		0.30	
730712	26	25.6	5.8	7.9	0.120		0.010	100	0.20	0.2	3167		0.40	
730605	1530	22.2	5.8	7.2	0.650		0.017	9000	0.55	0.4	317		0.10	
730500	230	15.6	7.2	7.6	0.200		0.000	3300	0.30	0.5	1133		0.40	
730403	512	10.6	8.2	7.0	0.420		0.012	600	1.30	0.3	650		0.50	
730307	386	11.7	9.1	7.7	0.220		0.010	900	0.44	0.5	1233		0.50	
730222	93	2.8	12.6	7.8	0.130		0.000	10	0.34	0.9	1167		0.40	
730115	46	0.0	17.1	7.5	0.060		0.007	20	0.55	0.7	1833		0.50	
721204	46	4.4	10.6	7.5	0.110		0.005	50	0.33	1.1	1633		0.50	
721030	5.0	10.6	5.7	7.6	0.070		0.007	170	0.08	0.5	2833		0.50	
721005	5.2	17.2	7.4	7.9	0.040		0.005	210	0.15	0.3	1167	0.0	0.60	
720905	3.0	18.3	6.5	7.2	0.100		0.005	50	0.20	0.3	2333	0.0	0.60	
720810	20	19.4	6.2	7.6	0.360		0.010	800	0.15	0.2	667		0.30	180
720803	9.8	25.6	2.2	7.7	0.310		0.010	360	0.55	0.7	583	0.3	0.30	
720622	4.1	18.3	5.1	8.1	0.030		0.000	20	0.20	0.1	2000		0.40	
720523	11	21.1	6.1	7.9	0.050		0.000	110	0.13	0.0	2167		0.30	30
720425	1510	13.9	5.1	7.4	0.050		0.010	400	0.40	0.3	467		0.40	
720330	136	5.6	9.0	7.4	0.070		0.015	2200	0.25	1.1	750		0.30	200
720306	58	5.6	11.5	8.4	0.040		0.000	400	0.40	0.9	1533		0.70	30
720118	10	1.7	11.5	6.8	0.280		0.000	20	0.40	1.0	2450			
711207	15	6.7	8.7	7.5	0.030	13		300	0.20	0.0				25
711101	3.0		8.4	8.0	0.098	20		1000	0.00	0.0				25
711004	3.3		6.0	7.9	0.098	67		1000	0.60	0.0				45
710920	3.0		6.2	7.6	0.160	37		500	0.10	0.0				70
700921	54		6.0	7.0		16				0.0			0.10	120
700406	100		10.2	7.4		14				0.0			0.10	35
700106	60		12.7	7.4		27				0.0			0.00	25
691008	202		6.7	7.5		18							0.10	85
690804	39		6.7	7.4		14				0.0			0.20	35
690401	120		11.0	7.5		19				0.5			0.10	150
690107	40		12.0	7.0		16				0.7			0.20	25
680930	4.5		10.1	7.6		16				0.0			0.10	25
680129	1020		8.8	7.0		34				0.5			0.20	450

NC 03 BEAUCOUP CREEK
ROUTE 13-127 BRIDGE 5 MI NORTH OF VERGENNES —CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740703		0.00	0.00	0.000	1.0	0.03	0.95	0.1	0.1	0.3	35	330		
740130		0.00	0.00	0.000	5.0	0.01	0.16	0.0	0.0	0.1	13	105		
731011		0.00	0.01	0.000	0.8	0.00	0.75	0.0	0.0	0.4	27	1900		
721005		0.00	0.00	0.000	0.8	0.03	0.37	0.0	0.0	0.2	30	620		
720810		0.00	0.00	0.000	9.0	0.07	0.58	0.0		0.2	20	270		
720523		0.00	0.00	0.000	1.6	0.00	1.20	0.0	0.0	0.2	58	920		
720330				0.000	6.4		0.54			0.1	37	220		
700921											32			158
700406											45	430	490	102
700106											110	560	630	118
691008											124	550	640	106
690804					0.0	0.00				0.0	19	690	700	102
690401											29	370	440	98
690107											26	590	580	76
680930											25	1400	1220	118
680129											63	180	240	46

NC 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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	NOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740703	0.000	0.0	0.2	0.010		0.09		0.00	0.000			2830		
740529												2420		
740214												1370		
740130	0.000	0.0	0.1	0.050		0.00		0.00	0.000					
731113												2190		
731011	0.000	0.0	0.2	0.010		0.02		0.00	0.000					
721005				0.010		0.07								
720810	0.000	0.1	0.2	0.000	0.00	0.18		0.00	0.000					
720523		0.0		0.000		0.06			0.000					
720330						0.10	0.56							
690804				0.000										

NC 04 BEAUCOUP CREEK
ROUTE 152 BRIDGE 5 MI WEST OF DU QUOIN
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711101			2.7	8.0	0.098	42		1000	0.80	0.0				30
711004			4.6	8.0	0.398	34		1000	0.30	0.0				40
710920			5.5	7.7	0.261	37		5300	0.20	0.0				100
700921			5.0	6.6		18				0.0			0.10	190
700708			5.2	7.5		21				0.0			0.10	100
700406			10.0	7.5		14				0.0			0.10	45
700106			12.8	7.4		18				0.0			0.10	25
691008			5.0	7.0		25				0.0			0.10	450
690804			5.6	7.2		17				0.0			0.10	45
690401			10.8	7.2		28				0.5			0.00	140
690107			11.7	6.8		12				0.5			0.40	35
680930			7.4	7.2		14				0.2			0.20	25
680129			9.6	6.9		30				0.5			0.10	600

NC 04 BEAUCOUP CREEK
ROUTE 152 BRIDGE 5 MI WEST OF DU QUOIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
730406											47	290	392	94
700106											105	540	540	112
690804					0.0	0.00				0.0	21	270	308	76
690107											52	400	400	54
680930											22	330	340	56

NC 04 BEAUCOUP CREEK
ROUTE 152 BRIDGE 5 MI WEST OF DU QUOIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
690804				0.000										

NC 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC CONC UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740303	440	18.3	3.4	7.2	0.320		0.010	4000	0.22	0.7	200		0.10	
740805	66	20.6	1.7	7.0	0.800		0.010	80000	0.70	0.7	317	0.0	0.00	
740703	17	22.0	5.5	7.4	0.930		0.005	64000	0.20	0.2	833		0.70	
740529	39	19.4	6.4	7.6	0.300		0.010	10	0.40	0.0	817		0.40	
740501	135	20.6	7.3	7.9	0.150		0.010	2400	0.15	0.2	700	0.6	0.10	
740408	677	12.2	10.2	7.5	0.490		0.010	8500	0.25	0.3	367		0.20	
740319	419	9.4	10.1	7.7	0.180		0.010	990	0.25	0.5	533		0.10	
740228	342	6.1	12.2	7.7	0.180		0.000	180	0.10	0.9	683	0.4	0.20	
740131	501	5.6	11.6	7.6	0.150		0.000	460	0.30	0.6	517		0.20	
740102	78		14.1	7.3	0.570		0.010	10	0.15	0.8	600		0.50	
731115	21	7.8	6.7	7.4	2.200		0.020	100	1.60	0.9		0.0	0.60	
731011	3.7	20.6	3.2	7.5	4.900		0.010	790	0.20	1.8	717		0.70	
730919	1.9	15.6	5.4	7.5	3.000		0.005	410	0.15	1.8	717		0.90	
730802	53	26.1	6.0	7.4	0.520		0.010	1600	0.60	0.7	233		0.50	
730712	20	26.1	5.3	7.5	0.740		0.015	600	0.40	0.8	483		0.60	
730605	1210	21.7	7.2	7.2	0.300		0.010	8300	0.55	0.2	250		0.10	
730503	181	15.6	7.9	7.8	0.130		0.000	990	0.26	0.4	783		0.40	
730403	404	10.6	9.5	7.5	0.170		0.012	1000	0.35	0.2	500		0.30	
730307	304	12.2	6.4	7.6	0.670		0.012	3600	0.44	0.3	583		0.40	
730222	73	2.8	12.9	8.1	0.150		0.007	10	0.04	0.9	983		0.50	
730103	1480	1.7	11.9	7.5	0.180		0.000	600	0.22	0.8	483		0.40	
721204	36	3.9	11.2	7.6	0.180		0.010	10	0.38	1.0	850		0.50	
721030	3.9	11.1	5.2	7.6	4.300		0.011	90	0.20	1.0	850	0.0	1.00	
721005	4.1	17.2	6.9	7.4	0.850		0.000	150	0.35	0.4	533		0.80	
720905	2.3	20.6	6.5	7.9	0.185		0.005	90	0.29	0.7	500	0.0	0.90	
720810	15	19.4	6.2	7.6	0.800		0.000	1200	0.30	0.1	283	0.0	0.30	
720802	4.6	23.3	4.6	7.7	1.500		0.005	1300	0.48	0.0	400	0.6	0.60	
720622	3.2	19.4	5.3	8.2	1.000		0.010	800	1.50	0.0	917		0.60	30
720523	8.6	21.7	5.9	7.9	0.340		0.010	290	0.14	0.0	1100		0.50	
720425	1190	14.4	8.3	7.4	0.360		0.010	100	0.48	0.5	500		0.50	
720330	107	5.6	10.0	7.1	0.100		0.010	1000	0.40	1.0	700		0.40	90
720306	45	6.7	11.9	8.5	0.140		0.000	800	0.45	0.9	1250		0.70	25
720118	7.8	3.3	12.0	7.3	0.790		0.010	10	1.20	1.2	1440			
711207	11	7.8	9.2	7.3	0.650	20		300	1.50	0.2				150
711101	2.6		4.1	7.8	2.610	26		1000	1.00	0.2				25
711004	2.6		3.8	7.7	9.658	38		1000	3.20	0.2				40
710920	2.3		6.2	7.3	4.405	37		29000	0.40	0.2				90
710802	2.2		6.4	7.5		22				0.2			0.20	45
700921	42		4.0	6.7		25				0.0			0.20	170
700708	11		6.6	7.4		21				0.0			0.10	80
700406	78		10.4	7.6		16				0.0			0.10	50
700106	47		13.2	7.6		17				0.0			0.10	25
690804	30		5.6	7.3		23				0.0			0.20	50

NC 05 BEAUCOUP CREEK
ROUTE 154 BRIDGE AT EAST EDGE OF PINCKNEYVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
690401	94		11.4	7.2		28				0.5			0.00	95
690107	31		12.2	7.1		14				0.5			0.30	100
680930	3.5		3.0	7.3						3.2			3.40	220
680129	805		10.0	7.0		38				0.5			0.10	290

NC 05 BEAUCOUP CREEK
ROUTE 154 BRIDGE AT EAST EDGE OF PINCKNEYVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740805		0.00	0.00	0.000	9.8	0.01	0.57	0.0	0.1	0.4	30	75		
740501		0.00	0.00	0.000	2.1	0.02	0.50	0.0	0.0	0.1	28	190		
740228		0.00	0.00	0.000	3.0	0.00	0.20	0.0	0.0	0.1	40	200		
731115		0.00	0.00	0.000	2.2	0.02	0.70	0.0	0.0	0.3	36	140		
721030		0.00	0.00	0.000	0.4	0.02	0.47	0.0	0.0	0.4	36	170		
720622		0.00	0.00	0.000	1.3	0.03	0.90	0.0	0.0	0.3	70	160		
720306				0.027	1.0		0.06				88	260		
700406											40	250	336	98
700106											85	460	516	122
690804					0.0	0.00				0.0				
680900	330										71	110	272	270

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740805	0.000	0.2	0.3	0.000		0.00		0.00	0.000					
740501	0.001	0.0	0.0	0.000		0.00		0.00	0.000					
740228	0.000	0.0	0.0	0.000		0.00		0.00	0.000					
731115	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
721030				0.000		0.04								
720622		0.0		0.000		0.05			0.000					
720306						0.14	0.35							
690804				0.000										

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740919		22.8	6.0	7.1	0.600		0.005	2000	0.10	0.3	283	0.0	0.10	
740722		27.2	3.0	7.8	0.150		0.010	160	0.07	0.1	583		0.10	
740604		22.2	7.9	7.9	0.130		0.005	950	0.10	0.4	417		0.20	
740508		17.2	9.4	7.7	0.080		0.005	680	0.10	0.1	367		0.60	
740405		8.0	11.7	7.4	0.120		0.000	680	0.10	0.2	250		0.00	
740306		11.1	9.7	6.9	1.400		0.010		1.40	0.6	108	0.2	0.00	
740219		3.3	10.3	7.7	0.040		0.005	130	0.06	0.2	600		0.10	
740100		5.6	11.9	7.5	0.050		0.000	50	0.05	0.4	333		0.20	
731203		8.9	9.8	7.9	0.040		0.005	420	0.10	0.3	450	0.0	0.10	
731115		8.3	3.2	7.6	0.160		0.000	100	0.15	0.0	520		0.30	
731011		20.6		6.6	0.110		0.010	720	0.20	0.0	783		0.30	
730926		16.1	5.6	7.6	0.480		0.005	480	0.20	0.0	367		0.20	
730802		26.1	8.6	8.0	0.200		0.010	200	0.25	0.3	367		0.20	
730712		27.2	7.1	7.9	0.260		0.020	2700	0.20	0.2	383		0.40	
730605		22.2	8.0	7.5	0.300		0.012	5000	0.25	0.2	183		0.10	

NCD 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730503		13.3	8.8	7.6	0.070		0.000	3200	0.25	0.2	283		0.20	
730403		9.4	10.0	7.8	0.020		0.000	200	0.25	0.0	383		0.20	
730307		11.1	9.2	7.6	0.380		0.013	5800	0.40	0.4	267		0.30	
730228		3.9	13.8	8.0	0.060		0.000	70	0.24	0.2	483		0.20	
730110		0.0	13.3	7.7	0.060		0.000	40	0.31	0.5	517		0.30	
721128		3.9	11.3	7.8	0.070		0.000	950	0.15	0.5	433		0.30	
721030		10.6	7.2	7.8	0.140		0.010	130	0.18	0.0	567		0.50	
721005		21.1	9.8	8.1	0.070		0.000	160	0.20	0.0	433		0.40	
720831		23.9	7.2	7.5	0.120		0.005	780	0.27	0.4	367	0.2	0.40	
720803		31.7	9.2	6.4	0.220		0.020	550	0.36	0.1	333		0.30	150
720724		35.0	13.1	8.0	0.080		0.010	380	0.15	0.0	733	0.0	0.30	
720622		18.3	4.7	8.1	0.080		0.000	530	0.20	0.0	2500		0.40	
720523		22.8	8.4	8.1	0.030		0.000	150	0.13	0.0	550		0.20	65
720425		12.8	9.9	7.7	0.030		0.000	130	0.13	0.2	358		0.30	
720330		5.6	12.5	7.6	0.030		0.000	0	0.20	0.0	483		0.20	15
720313		8.9	8.2	7.4	0.040		0.008	10	0.10	0.1	557		0.25	30
680129			10.8	7.4		20				0.2			0.10	75

NCD 01 RATTLESNAKE CREEK
ROUTE 4 BRIDGE 1 MI NORTH OF ORAVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740919		0.00	0.00	0.000	4.0		0.56	0.0	0.0	0.3	13	40		
740604		0.00	0.00	0.000	2.0	0.12	0.49	0.0	0.1	0.2	8	73		
740306		0.00	0.05	0.000	28.0	0.20	1.50	0.1	0.0	0.2	7	26		
731203		0.00	0.00	0.000	0.8	0.01	0.52	0.0	0.0	0.2	8	90		
720831		0.00	0.00	0.000	1.2	0.02	0.85	0.0	0.0	0.1	9	48		
720803		0.00	0.00	0.000	4.6	0.04	0.80	0.0	0.0	0.2	9	57		
720523		0.00	0.00	0.000	1.0	0.04	0.89	0.0	0.0	0.2	12	95		
720313				0.000	1.4		0.31			0.2	12	104		

NCD 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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740919	0.000	0.0	0.3	0.005		0.10		0.00	0.000					
740604	0.000	0.0	0.1	0.000		0.53		0.00	0.000					
740306	0.000	0.0	0.6	0.000		1.10		0.00	0.020					
731203	0.000	0.0	0.3	0.000		0.00		0.00	0.000					
720831	0.000	0.0	0.2	0.000		0.15		0.00	0.000					
720803	0.000	0.1	0.3	0.000	0.00	0.14		0.00	0.000					
720523		0.0		0.000		0.07			0.000					
720313						0.43	0.40							

NCD 01 GALUN CREEK
COUNTY ROAD BRIDGE 6 MI NORTH OF ORAVILLE
LAB: BARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740919		18.9	7.4	7.9	0.150		0.005	920	0.05	0.9			0.20	
740808		20.6	2.6	8.2	0.250		0.005	570	0.00	0.0	5167		0.10	
740722		27.2	1.4	8.1	0.310		0.005	110	0.06	0.6	5500	0.0	0.10	
740604		21.1	6.4	7.8	0.230		0.010	850	0.10	1.3	1833		0.30	
740508		16.7	8.5	8.1	0.140		0.010	270	0.10	0.5	2167		0.40	

NCD 01 GALUM CREEK
COUNTY ROAD BRIDGE 6 MI NORTH OF GRAVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740408		11.1	9.6	7.7	0.590		0.020	7600	0.35	0.5	550		0.20	
740336		12.2	8.6	7.4	0.760		0.015	7800	0.65	0.7	717		0.20	
740214		4.4	11.4	8.3	0.060		0.000	90	0.45	1.1	2867		0.20	
740130		5.0	10.8	7.4	0.200		0.010	800	0.20	0.6	617	0.4	0.40	
731203		10.6	9.9	8.1	0.150		0.005	380	0.35	0.7	1567		0.20	
731110		8.0	9.5	8.1	0.100		0.005	170	0.48	1.2	4800		0.30	
731011		20.6	7.4	8.2	0.100		0.010	860	0.10	0.4	7667	0.0	0.20	
730919		14.4	8.5	8.2	0.120		0.005	340	0.20	1.6	7667		0.60	
730802		25.6	6.4	8.0	0.220		0.010	900	0.30	0.9	2167		0.30	
730712		26.1	5.9	8.0	0.010		0.015	300	0.10	0.2	2333		0.40	
730605		22.2	5.0	7.1	0.340		0.015	8400	0.55	2.4	317		0.50	
730503		16.1	7.1	7.0	0.180		0.000	1900	0.33	0.5	1400		0.40	
730403		10.6	9.1	7.6	0.170		0.012	100	1.00	0.5	800		0.50	
730307		11.7	8.3	7.7	0.610		0.017	6800	0.44	0.6	1100		0.50	
730222		2.8	12.6	8.0	0.090		0.000	10	0.47	1.1	2000		0.40	
730115		0.0	11.8		0.050		0.000	50	0.70	0.8	2500		0.50	
721204		4.4	10.1	7.5	0.070		0.005	70	0.50	1.0	2000		0.40	
721030		10.6	2.3	7.9	0.190		0.007	50	0.08	0.0	6667	0.0	0.50	
721005		16.3	7.7	8.1	0.090		0.008	160	0.13	0.9	3167	0.2	0.80	
720831		22.2	5.4	7.4	0.140		0.005	310	0.34	2.5	1550	0.2	1.00	
720803		25.0	7.6	8.0	0.100			250	0.20	1.0	3000	0.0	0.60	
720624		27.8	4.7	7.7	0.070		0.000	300	0.19	0.3	1833	0.0	0.30	
720622		16.7	4.2	8.1	0.060		0.010	400	0.40	0.0	783		0.30	130
720523		21.1	5.2	8.1	0.060		0.000	10	0.14	0.0	2833		0.30	
720425		13.9	5.0	7.2	0.080		0.015	200	0.33	0.4	433		0.40	70
720330		5.6	11.9	7.8	0.050		0.000	60	0.10	0.0	2100		0.40	20
720306		5.0	11.5	8.5	0.060		0.000	100	0.35	1.0	1283		0.60	35
720118		1.7	11.8	7.1	0.590		0.010	20	0.35	1.0	2233			
711207		7.2	7.5	7.4	0.261	13		200	0.00	0.0				30
711101				7.8				1000		0.0				
711004			4.0	7.2				1000		0.0				25
710920			6.8	7.8		30				0.0				
710602			7.5	7.9		20				0.0			0.00	40
700929			7.6	7.2		16								120
700708				7.8		16				0.0			0.10	50
700406			11.2	7.7		16				0.0			0.10	30
700106			13.7	7.7		16				0.0			0.00	25
691008			5.6	7.4		30				0.0			0.20	190
690804			6.8	7.8		47				0.0			0.30	85
690401			11.9	7.5		19				0.2			0.10	45
690107			12.4	6.8		16				0.5			0.20	25
680930			6.3	7.6		16				0.2			0.10	80
680129			10.0	7.0		31				0.7			0.10	500

NCD 01 GALUM CREEK
COUNTY ROAD BRIDGE 6 MI NORTH OF GRAVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722		0.00	0.00	0.000	1.4	0.01	0.09	0.2	0.1	0.6	50	280		
740130		0.00	0.00	0.000	4.4	0.01	0.25	0.0	0.0	0.2	9	215		
731011		0.00	0.00	0.000	0.3	0.01	0.25	0.0	0.0	0.6	22	2400		
721005		0.00	0.00	0.000	0.7	0.06	0.22	0.0	0.0	0.4	50	1500		
720622		0.00	0.00	0.000	4.3	0.02	4.20	0.0	0.0	0.3	30	90		
720425		0.00	0.00	0.000	3.4	0.06	0.40	0.0	0.0	0.1	11	160		
720306				0.027	1.2		0.06			0.2	24	270		
710802											20	650	620	140
700929											31	540	400	122
700708											22	1200	1230	202
700406											23	540	560	138
700106											35	800	710	156
691008											16	270	220	66
690804					0.0	0.00				0.0	25	950	720	206
690401											23	390	470	112
690107											22	480	520	130
680930											43	620	480	136

NCD 01 GALUM CREEK
COUNTY ROAD BRIDGE 6 MI NORTH OF GRAVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	PLANKTON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740919												2320		
740808												4500		
740722	0.000	0.0	1.0	0.050		0.00		0.00	0.000			4620		
740604												1590		
740508												1800		
740214												2400		
740100	0.000	0.0	0.1	0.050		0.00		0.00	0.000					
731203												1220		
731113												4180		
731011	0.000	0.0	0.4	0.010		0.01		0.00	0.000					
721005	0.000	0.0	0.6	0.010		0.25		0.00	0.010					
720622		0.0		0.000		0.07			0.000					
720425		0.0		0.000		0.07			0.000					
720306						0.24	0.35							
690804				0.000										

NCD 02 GALUM CREEK
COUNTY ROAD BRIDGE 3 MI WEST OF PYRAMID STATE PARK
LAB: MARION

DATE	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	H2S (MG/L)	TURBIDITY UNITS
740903		18.0	2.6	7.8	0.120		0.010	340	0.12	0.7			0.20	
740805		20.6	1.8	8.0	0.100		0.005	250	0.00	0.0	3500	0.0	0.10	
740703		22.2	6.8	8.0	0.160		0.005	140	0.17	0.1	3000		0.30	
740529		19.4	5.8	7.9	0.110		0.005	150	0.10	0.7	1667		0.40	
740501		20.5	7.2	8.2	0.110		0.010	6500	0.20	0.9	1650	0.4	0.20	
740314		8.9	10.5	7.7	0.250		0.010	830	0.30	0.5	750		0.10	
740214		9.4	11.4	8.2	0.060		0.005	80	0.50	1.6	2050	0.0	0.10	
740107			12.8	7.8	0.130		0.005	30	0.50	1.0	1567		0.20	
731203		9.4	9.4	7.9	0.150		0.005	220	0.20	0.6	1067		0.20	
731113		7.8	6.4	7.6	0.320		0.010	130	0.22	0.5	820	0.1	0.10	
731011		20.6	6.0	7.9	0.120		0.010	640	0.15	0.0	3600		0.30	
730919		16.1	7.4	7.9	0.120		0.005	240	0.15	0.1	2500		0.40	
730802		25.6	12.1	7.7	0.260		0.010	800	0.25	0.6	983		0.20	
730712		25.6	6.8	8.1	0.140		0.010	400	0.10	0.6	3833		0.30	
730605		21.7	7.5	7.4	0.350		0.015	32000	0.60	0.3	283		0.10	
730503		16.1	8.0	7.9	0.070		0.000	190	0.55	0.6	2217		0.50	
730403		10.6	8.9	7.7	0.140		0.010	200	0.53	0.3	850		0.30	
730307		11.7	7.4	7.5	0.790		0.022	27000	0.65	1.1	450		0.40	
730222		2.8	13.0	8.1	0.100		0.000	30	0.34	1.1	1433		0.40	
730116		0.6	12.5	7.7	0.050		0.000	40	0.40	0.6	1417		0.40	
721204		3.9	9.6	7.6	0.120		0.005	110	0.28	0.9	1267		0.50	
721030		10.0	2.1	7.8	0.190		0.010	120	0.11	0.0	3333	0.0	0.70	
721005		18.0	4.7	7.9	0.110		0.010	290	0.16	0.1	4667		0.80	
720905		17.8	3.5	7.5	0.130		0.005	280	0.20	0.0	3500	0.0	0.60	
720810		19.4		7.6	0.210		0.010	190	0.14	0.2	950	0.0	0.30	
720803		25.0	7.4	7.8	0.100		0.010	30	0.15	0.3	1200		0.50	20
720622		18.3	5.6	8.3	0.060		0.010	380	1.50	0.0	3500		0.50	
720523		21.1	4.2	8.1	0.080		0.010	120	0.18	0.0	2667		0.40	30
720425		11.1	8.4	7.6	0.060		0.010	100	0.22	0.5	767		0.40	
720330		5.6	10.3	7.7	0.070		0.000	80	0.10	0.0	2400		0.40	12
720306		6.7	12.0	6.4	0.050		0.000	100	0.30	1.0	1383		0.60	
720118		2.2	11.0	7.2	0.470		0.012	10	0.30	1.4	1833			

NCD 02 GALUM CREEK
COUNTY ROAD BRIDGE 3 MI WEST OF PYRAMID STATE PARK --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
740805		0.00	0.00	0.000	0.5	0.00	0.38	0.0	0.1	0.6	80	2000		
740501		0.00	0.00	0.000	1.5	0.01	0.62	0.0	0.0	0.3	33	620		

NCD 02 GALUM CREEK
COUNTY ROAD BRIDGE 3 MI WEST OF PYRAMID STATE PARK --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740214		0.00	0.00	0.000	0.4	0.01	0.90	0.0	0.0	0.2	40	810		
731113		0.00	0.00	0.000	2.7	0.01	0.20	0.0	0.0	0.0	21	290		
721030		0.00	0.00	0.000	0.5	0.01	0.82	0.0	0.0	0.4	65	110		
720803		0.00	0.00	0.000	1.1	0.02	0.60	0.0	0.0	0.3	29	370		
720523		0.00	0.00	0.000	1.4	0.02	1.04	0.0	0.0	0.0	58	1000		
720330				0.000	0.4		0.25			0.2	55	780		

NCD 02 GALUM 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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740903												1400		
740805	0.000	0.0	1.0	0.000		0.00		0.00	0.000					
740703												2670		
740529												1660		
740501	0.000	0.0	0.0	0.000		0.02		0.00	0.000			1280		
740214	0.000	0.0	0.2	0.000		0.00		0.00	0.000			1610		
740107												1090		
731113	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
721030				0.000		0.04								
720803	0.000	0.1	0.2	0.000	0.00	0.06		0.00	0.000					
720523		0.0		0.000		0.05			0.000					
720330						0.12	0.14							

NCE 01 PANTHER CREEK
ROUTE 152 BRIDGE 4.5 MI WEST OF DU QUOIN
LAD:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
711101			3.9	8.0	0.096	14		1000	0.00	0.0				25
711004			7.6	7.7	0.065			1300	0.00	0.0				25
710920			8.2	7.6	0.096	34		1200	0.10	0.0				25
710802			9.2	7.4		12				0.0			0.00	25
700921			7.0	7.6		6				0.0			0.00	25
700708			8.6	8.1		12				0.0			0.10	25
700406			12.0	7.6		10				0.0			0.00	35
700106			13.5	7.5		12				0.0			0.00	25
691008			8.2	7.9		12				0.0			0.00	60
690604			7.7	7.7		14				0.0			0.10	65
690401			13.8	7.6		9				0.0			0.00	25
690107			13.5	7.3		13				0.2			0.20	25
680930			9.0	8.1		14				0.0			0.10	25
680129			10.2	7.0		10				0.5			0.10	110

NCE 01 PANTHER CREEK
ROUTE 152 BRIDGE 4.5 MI WEST OF DU QUOIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
710802											27	2600	2000	210
700921											20	1700	1040	156
700708											31	2200	1260	220
700406											23	900	930	150
700106											28	1500	1100	194
691008											21	1700	1560	212

NCE 01 PANTHER CREEK
ROUTE 152 BRIDGE 4.5 MI WEST OF DU QUOIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
690804					0.0	0.00				0.0	13	1200	90	148
690401											26	1200	1200	176
690107											20	1000	1010	132
680930											24	1900	1700	36
680129											16	380	428	66

NCE 01 PANTHER CREEK
ROUTE 152 BRIDGE 4.5 MI WEST OF DU QUOIN --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	PLANKTON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
690804				0.000										

ND 01 CRAB ORCHARD CREEK
TOWNSHIP ROAD BRIDGE 4 MI NORTHEAST OF CARBONDALE
LAB: MARION

DATE	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/100ML)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740919		21.1	7.3	6.6	0.260		0.005	100	0.15	6.0	380	0.0	0.10	
740822		26.1	0.9	7.0	0.400		0.000	330	0.65	1.2	550		0.30	
740722		26.7	1.2	6.8	0.500		0.010	60	0.30	2.0	833		0.40	
740604		22.8	3.5	6.9	0.220		0.005	120	0.40	0.7	450	0.0	0.30	
740508		18.0	7.4	7.3	0.230		0.005	60	0.35	0.0	350		0.20	
740408		11.1	9.0	7.6	0.500		0.010	3800	0.40	0.2	400		0.20	
740306		11.7	9.0	6.8	0.920		0.010	6500	0.40	0.4	317	0.4	0.20	
740207		2.8	11.1	7.0	0.170		0.005	20	0.70	0.0	367		0.30	
740124		4.4	12.6	7.0	0.160		0.005	1300	0.30	0.2	217		0.10	
731203		9.4	9.6	7.0	0.130		0.005	50	0.30	0.1	267	0.0	0.10	
731110		7.2	7.7	7.1	0.140		0.010	140	5.70	0.4	770		0.60	
731009		22.2	4.4	6.7	0.220		0.005	810	3.00	0.4	583		0.30	
730913		20.6	3.5	7.0	0.300		0.005	400	2.10	0.9	667		0.50	
730802		25.6	4.8	3.5	0.040		0.015	100	2.00	0.3	783		0.00	
730706		26.1	5.5	6.0	0.080		0.015	800	12.00	0.2	850		0.00	
730604		23.3	7.4	7.1	0.370		0.003	250	0.45	0.0	300		0.20	
730503		15.0	7.3	7.1	0.150		0.000	1100	0.51	0.1	250		0.20	
730402		12.8	4.0	7.7	0.120		0.000	290	0.28	0.0	300		0.20	
730307		12.2	8.0	7.5	1.200		0.015	5200	0.50	0.1	350		0.30	
730228		2.8	11.2	7.4	0.260		0.000	450	1.10	0.3	483		0.40	
730110		0.0	14.2	7.6	0.110		0.000	290	0.41	0.1	333		0.40	
721122		5.0	11.2	7.5	0.280		0.006	230	0.15	0.0	333		0.30	
721030		12.8	7.4	6.3	0.090		0.007	20	4.50	0.7	900	0.0	0.80	
720925			3.7	7.5	0.810		0.010	1400	4.50	1.0	550	0.3	0.80	
720831		25.0	3.6	7.0	0.630		0.005	510	1.20	1.4	567	0.2	0.80	
720817		26.7	3.3	6.6	0.300		0.010	550	1.59	1.7	583	0.0	1.00	
720713		24.4	4.5	7.7	0.420		0.015	260	13.60	2.0	850		0.60	20
720620		27.2	3.3	7.0	0.280		0.000	110	12.50	0.9	1383		0.50	
720522		21.1	3.6	7.6	0.190		0.010	100	3.27	3.9	933		0.80	
720425		16.1	8.8	7.0	0.040		0.000	100	0.16	0.1	307		0.30	22
720329		5.6	9.5	7.4	0.110		0.000	410	0.25	0.0	350		0.20	25
720229		13.9	10.1	7.4	0.210		0.000	270	2.30	1.0	525		0.60	
720125		6.1	9.0	7.6	2.050		0.000	4000	6.20	1.1	728			

ND 01 CRAB ORCHARD CREEK
TOWNSHIP ROAD BRIDGE 4 MI NORTHEAST OF CARBONDALE --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740919		0.00	0.00	0.000	1.1	0.01	0.85	0.0	0.0	0.4	20	85		
740604		0.00	0.00	0.000	1.7	11.80	1.31	0.0	0.2	0.3	15	120		
740306		0.00	0.04	0.000	22.0	0.10	1.70	0.1	0.2	0.2	9	100		
731203		0.00	0.00	0.000	1.7	0.02	0.50	0.0	0.0	0.2	7	69		
730802					6.1						21	360		
720831		0.00	0.00	0.000	1.9	0.02	4.00	0.0	0.0	0.4	23	160		
720713		0.00	0.00	0.000	1.5	0.04	3.50	0.0	0.0	0.6	43	200		
720425		0.00	0.00	0.000	0.9	0.03	0.35	0.0	0.0	0.1	11	92		

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740919	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
740604	0.000	0.0	0.1	0.000		0.67		0.00	0.000					
740306	0.000	0.0	0.1	0.000		0.80		0.00	0.000					
731203	0.000	0.0	0.0	0.000		0.00		0.00	0.000					
730802													240	
720831	0.000	0.0	0.3	0.000		0.13		0.00	0.000					
720713	0.000	0.0	0.4	0.000	0.00	0.04		0.00	0.000					
720425		0.0		0.000		0.04			0.000					

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	NDAS (MG/L)	TURBID-ITY UNITS
740924		15.6	9.0	8.0	0.060		0.005	0	0.10	0.2	300		0.20	
740718		35.0	3.8	9.1	0.240		0.010	40	0.30	0.1	367	0.0	0.10	
740604		25.0	7.6	7.5	0.050		0.005	10	0.05	0.1	300		0.20	
740508		18.3	9.6	7.6	0.060		0.010	10	0.10	0.1	283		0.10	
740408		10.6	11.3	7.6	0.070		0.000	10	0.05	0.0	250	0.4	0.10	
740306		11.1	10.9	7.6	0.500		0.000	10	0.10	0.4	217		0.20	
740207		1.1	12.4	7.4	0.070		0.005	10	0.25	0.3	217		0.20	
731109			14.4	7.5	0.120		0.005	10	0.25	0.2	217	0.0	0.10	
731203		8.9	10.7	7.0	0.080		0.005	10	0.15	0.1	233		0.10	
731113		8.3	10.6	7.7	0.000		0.005	10	0.12	0.1	260		0.10	
731009		22.2	5.3	7.7	0.400		0.005	370	3.00	0.4	583	0.0	0.80	
730920		21.7	5.7	7.6	0.080		0.005	10	0.20	0.1	250		0.20	
730831		26.7	8.2	8.2	0.060		0.015	70	0.15	0.0	267		0.20	
730706		27.2	6.4	7.5	0.120		0.010	1500	0.15	0.0	233		0.40	
730604		23.3	10.1	7.7	0.150		0.007	10	0.25	0.0	233		0.20	
730503		15.6	9.3	7.5	0.090		0.000	10	0.33	0.0	267		0.20	
730402		12.8	9.7	8.1	0.050		0.007	10	0.23	0.0	300		0.20	
730319		11.7	10.9	8.1	0.060		0.000	10	0.19	0.0	283		0.30	
730213		3.3	13.1	7.9	0.060		0.006	10	0.20	0.0	283		0.30	
730115		0.0	15.1	8.0	0.050		0.010	10	0.15	0.0	350		0.30	
721128		4.4	12.0	7.9	0.040		0.000	10	0.19	0.1	300		0.30	
721116			11.0	7.7	0.040		0.007	10	0.30	0.3	300		0.30	
721005		18.3	7.7	7.0	0.040		0.000	10	0.15	0.3	300	0.2	0.50	
720831		25.6	8.3	7.4	0.120		0.000	70	0.25	0.1	300	0.4	0.40	
720803		26.7	5.0	7.7	0.120		0.010	10	0.55	0.1	283		0.30	85
720719		27.8	10.1	7.6	0.020		0.000	10	0.07	0.0	283		0.20	
720713		23.9	8.0	7.9	0.040		0.000	10	0.21	0.0	300	0.0	0.10	
720710		25.6	8.8	6.8	0.030		0.000	10	0.15	0.1	317		0.20	
720621		22.2	7.6	7.5	0.030		0.000	10	0.25	0.0	300		0.20	
720522		22.8	6.8	7.6	0.040		0.010	130	0.14	0.1	283		0.30	15
720427		17.2	9.2	7.7	0.040		0.000	100	0.20	0.0	293		0.40	
720329		6.7	9.8	7.3	0.010		0.000	20	0.10	0.0	383		0.20	10
720306		5.0	12.0	7.7	0.020		0.000	100	0.40	0.0	317			

NO 02 CRAB ORCHARD CREEK
COUNTY LINE ROAD BRIDGE AT CRAB ORCHARD DAM --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
740710		0.00	0.00	0.000	0.1	0.01	0.00	0.0	0.0	0.2	8	75		
740408		0.00	0.00	0.000	0.6	1.08	0.25	0.0	0.0	0.1	7	73		
740109		0.00	0.00	0.000	0.8	0.02	0.02	0.0	0.0	0.2	6	55		
731009		0.00	0.00	0.000	0.4	0.00	0.57	0.0	0.0	0.6	27	125		
721005		0.00	0.00	0.000	0.4	0.00	0.37	0.0	0.0	0.2	10	77		
720803		0.00	0.00	0.000	0.0	0.04	0.94	0.0	0.0	0.3	50	80		
720522		0.00	0.00	0.000	0.2	0.06	0.00	0.0	0.0	0.1	11	62		
720329				0.000	0.2		0.28			0.2	13	100		

NO 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)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	PLANKTON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740718	0.040	0.0	0.1	0.000		0.00		0.00	0.000					
740408	0.000	0.0	0.0	0.000		0.26		0.00	0.000					
740109	0.000	0.0	0.0	0.000		0.07		0.00	0.000					
731009	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
721005				0.000		0.13								
720803	0.000	0.0	0.2	0.000	0.00	0.21		0.00	0.000					
720522		0.0		0.000		0.14								
720329						0.08	0.04							

NO 03 CRAB ORCHARD CREEK
I-57 BRIDGE 1.5 MI SOUTH OF MARION
LAB: MARION

DATE	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740909		20.6	1.3	7.0	3.500		0.005	2900	0.49	1.0	1033		0.60	
740822		28.0	4.6	8.0	5.900		0.010	13000	4.20	2.9	817	0.3	0.90	
740717		26.7	2.1	7.2	6.000		0.010	2700	6.00	1.0	983		0.60	
740617		19.4	2.9	7.2	1.300		0.020	8600	1.40	1.2	1200		0.90	
740502		17.8	3.4	7.3	0.540		0.010	33000	0.95	0.0	683	0.0	0.40	
740412		17.2	5.3	7.2	0.460			17000	0.60	0.4	717		0.00	
740322		6.1	11.3	7.1	0.200			4200	0.20	0.2	350		0.20	
740214		0.9	6.3	7.4	1.300		0.005	1000	2.20	1.0	1233	0.0	0.50	
740109			9.2	7.3	1.400		0.015	69000	2.50	1.3	1017		0.90	
731206		6.1	5.8	7.2	0.650		0.005	27000	1.20	0.6	830		0.30	
731107		5.6	2.8	7.4	8.400		0.015	54000	6.00	0.0	1100	0.2	1.80	
731009		22.2	3.2	7.5	9.200		0.010	120000	5.50	0.6	867		1.50	
730912		25.0		7.6	4.200		0.005	30000	3.50	0.2	983		1.20	
730801		27.2	7.9	7.8	4.600		0.020	6500	4.20	0.0	1100		0.90	
730706		25.6	2.0	7.0	6.200		0.015	40000	8.50	0.2	1183		3.20	
730604		23.0	4.6	7.1	0.550		0.010	9200	1.80	0.6	733		0.50	
730502		15.6	6.6	7.1	0.260		0.015	14000	0.66	0.2	350		0.30	
730402		10.0	5.9	7.1	0.280		0.012	6100	0.50	0.0	383		0.30	
730305		9.4	3.5	7.3	0.980		0.012	3300	3.40	0.3	1417		0.70	
730213		2.2	6.3	7.1	0.880		0.038	36000	1.40	0.4	917		1.00	
730109			11.0	7.1	0.710		0.010	250	1.50		900		0.80	
721120		5.6	9.1	6.9	0.160		0.007	400	0.28	0.9	700		0.50	
721031		12.8	1.8	7.5	6.000		0.015	490000	7.80	0.1	1083	0.5	2.00	
720926		21.1	2.1	7.5	7.400		0.015	15000000	5.30	0.6	750	0.3	1.90	
720905		20.6	1.4	7.1	3.800		0.010	5300	0.46	0.8	850	0.0	1.30	
720829		21.1	0.2	7.0	1.000		0.005	23000	2.50	0.5	600	1.2	0.90	
720803		23.9	2.8	7.7	6.700		0.025	990	0.59	0.6	800	0.4	1.30	
720614		23.3	2.7	8.0	1.200		0.020	390	8.00	0.0	1267		1.60	55
720523		21.1	3.6	7.9	4.150		0.010	1000	5.40	0.0	1383		1.00	
720427		14.4	4.1	7.3	0.310		0.015	490000	0.55	0.8	883		0.40	
720328		7.2	6.8	7.2	0.170		0.000	1800	0.35	0.5	917		0.50	15
720228		9.4	8.7	7.0	0.140		0.000	11000	0.70	1.8	747		0.80	35
720125		5.0	4.3	7.4	2.800		0.015	14000	10.20	0.2	1440		1.75	

ND 03 CRAB ORCHARD CREEK
I-57 BRIDGE 1.5 MI SOUTH OF MARION --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740822		0.00	0.00	0.014	1.1	0.04	0.62	0.0	0.0	0.8	50	150		
740502		0.00	0.00	0.000	2.5	0.14	1.40	0.0	0.1	0.2	18	255		
740214		0.00	0.00	0.000	1.1	0.01	2.40	0.0	0.1	0.4	27	510		
731107		0.00	0.00	0.000	0.6	0.00	1.72	0.0	0.0	0.8	46	350		
721031		0.00	0.00	0.000	0.4	0.01	1.17	0.0	0.0	0.7	41	250		
720614		0.00	0.00	0.000	3.5	0.05	1.86	0.0	0.1	0.7	70	220		
720326				0.000	1.4		2.00			0.2	20	430		
720228				0.000	1.3		1.30			0.2	23	200		
720125				0.005	1.1		2.46			0.6	44	506		

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740822	0.000	0.0	0.5	0.000		0.94		0.00	0.000					
740502	0.001	0.0	0.1	0.000	0.00	0.14		0.00	0.000					
740214	0.000	0.2	0.1	0.000		0.07		0.00	0.000					
731107	0.000	0.0	0.2	0.000		0.07		0.00	0.000					
721031	0.000	0.0	0.4	0.000		0.05		0.00	0.000					
720614		0.0		0.000		0.16			0.000					
720326						0.06	0.26							
720228						0.07	0.40							
720125							0.32							

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	HDAS (MG/L)	TURBID-ITY UNITS
740920	1.1	13.9	8.6	6.5	0.000		0.005	50	0.01	3.2		0.0	0.40	
740807	0.38	23.3	2.2	6.6	0.050		0.000	110	0.50	1.1	1033		0.20	
740718	0.24	28.3	2.7	7.7	0.090		0.000	30	0.60	0.6	2500		0.10	
740613	2.7	19.4	8.0	3.3	0.090		0.000	0	0.40	3.3	2167	0.0	0.70	
740502	17	17.8	7.6	7.1	0.380		0.010	1500	0.25	0.2	767		0.30	
740412	18	17.8	8.3	6.6	0.030			40	0.25	0.1	983		0.10	
740318	20	11.1	10.4	6.6	0.040		0.010	120	0.20	0.2	733		0.20	
740214	4.3	3.9	10.7	6.9	0.040		0.000	10	0.50	0.2	1500		0.20	
740109	18		11.6	6.3	0.090		0.005	10	0.75	0.5	1350		0.20	
731212	2.4	1.7	11.1	6.4	0.020		0.005	10	0.75	0.1	1833	0.0	0.20	
731105	0.33	7.2	5.6	4.0	0.000		0.010	10	1.20	0.0	2800		0.10	
731009	0.21	22.8	4.3	3.4	0.060		0.005	10	2.30	0.0	5000		0.10	
730912	1.1	23.3		3.8	0.020		0.000	10	2.20	0.0	4333		0.10	
730801	0.17	25.6	5.0	4.4	0.000		0.015	10	1.50	0.1	2667		0.10	
730706	1.8	25.6	5.7	4.6	0.000		0.005	100	1.90	0.0	3500			
730604	15	23.3	8.4	7.0	0.200		0.017	330	0.60	0.1	867		0.30	
730502	334	15.0	7.2	6.8	0.220		0.015	18000	0.37	0.2	300		0.30	
730402	76	9.4	8.9	6.7	0.100		0.007	220	0.54	0.2	500		0.20	
730305	11	9.4	9.4	6.6	0.330		0.008	10	0.49	0.2	1517		0.20	
730213	26	1.7	9.8	6.4	0.040		0.000	20	0.51	0.3	983		0.30	
730125	18	2.8	12.1	6.1	0.050		0.000	100	0.40	0.4	517		0.20	
721204	10	3.9	10.3	5.0	0.000		0.005	10	0.65	0.2	1500		0.30	
721031	23	12.2	8.1	7.2	0.340		0.011	5100	0.33	0.1	867		0.50	
720926	0.49	23.6	6.4	3.6	0.090		0.009	30	1.20	0.1	3167		0.30	
720905	0.31	17.8	5.0	4.0	0.020		0.005	10	1.40	0.0	2500	0.0	0.30	
720817	1.2	23.9	7.5	3.5	0.030		0.005	10	1.35	0.0	4167	0.0	0.40	
720803	0.67	24.4	2.8	3.6	0.040		0.005	10	3.50	0.0	4167		0.20	95
720716	1.1	25.0	6.9	4.1	0.010		0.010	10	2.00	0.2	3667		0.30	
720717	1.5	21.7	4.9	4.2	0.020		0.000	10	2.30	0.2	3667		0.30	
720710	0.09	23.3	4.1	3.8	0.010		0.010	10	3.60	0.1	4167		0.20	
720614	0.44	23.3	11.4	3.9	0.010		0.000	10	1.35	0.1	4333		0.10	

ND 04 CRAB ORCHARD CREEK
ROUTE 13 BRIDGE 1 MI EAST OF MARION --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC CONE UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720524	1.6	21.1	8.9	4.0	0.020		0.000	10	1.30	0.0	167		0.70	
720427	9.7	13.9		6.8	0.320		0.010	100	0.40	0.4	1200		0.40	
720326	25	7.2	9.0	7.4	0.030		0.010	380	0.25	0.4	817		0.30	45
720228	16	10.0	9.9	5.1	0.090		0.000	10	0.40	1.2	967		0.50	20

ND 04 CRAB ORCHARD CREEK
ROUTE 13 BRIDGE 1 MI EAST OF MARION --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740923		0.00	0.00	0.000	1.4	0.00	0.50	0.0	0.4	0.3	20	1500		
740613		0.00	0.00	0.000	11.0	0.02	4.80	0.1	1.3	0.5	15	900		
740318				0.000						0.2	11	315		
731212		0.00	0.00	0.000	4.7	0.01	5.00	0.1	0.3	0.3	15	980		
730801					0.8						13	1300		
730706											17	1970		
720905		0.00	0.00	0.000	2.4	0.04	6.50	0.2	0.5	0.6	11	1200		
720817					4.0	0.08	10.00	0.3	1.2	0.5	14	1500		
720803		0.00	0.00	0.000	5.2	0.10	13.00	0.2	0.7	0.9	8	2300		
720718					4.0	0.06	10.00	0.2	0.8		14	1700		
720614					1.9	0.08	11.30	0.1	0.8		17	1200		
720328				0.000	3.8		1.96			0.1	15	370		
720228				0.000	3.2		2.50			0.2	17	250		

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	HOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740923	0.000	0.2	0.2	0.010		0.01		0.00	0.000			2290		
740718												2900		
740613	0.004	0.0	0.3	0.000		0.04		0.00	0.000			1630	170	
740318			0.1											
740109												1150	5	
731212	0.000	0.0	0.1	0.010		0.02		0.00	0.000			1640		
731105												2700	110	
731009													130	
730912													100	
730801													60	
730706													60	
720905	0.000	0.1	0.2	0.020		0.23		0.00	0.000					
720817	0.000	0.1	0.4	0.010	0.01	0.32		0.00	0.010				150	55
720803	0.000	0.1	0.4	0.010	0.00	0.38		0.00	0.005					
720718		0.0		0.030	0.00	0.29			0.010				160	60
720710										30				
720614		0.0		0.000	0.00	0.28			0.000				110	44
720328						0.11	1.63							
720228						0.10	0.41							

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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910		22.2	6.6	6.9	0.260		0.000	150	0.10	0.3	530		0.20	
740822		24.4	2.3	7.5	0.320		0.000	130	0.05	0.2	1150		0.20	
740722		27.8	1.2	7.4	1.100		0.010	300	0.12	0.1	1233	0.2	0.10	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740604		22.2	5.8	7.1	0.300		0.010	230	0.20	0.5	383		0.30	
740508		17.2	7.4	7.4	0.290		0.010	100	0.15	0.2	467		0.40	
740400		10.6	8.4	7.6	0.280		0.010	160	0.25	0.4	717	0.4	0.20	
740307		13.9	7.7	7.0	0.520		0.010	970	0.50	0.8	400		0.10	
740207		2.8	10.3	7.1	0.210		0.005	70	0.65	0.4	550		0.30	
740131		5.0	9.1	7.4	0.170		0.000	310	0.35	0.5	350	0.0	0.30	
731203		8.9	6.5	6.9	0.260		0.010	90	0.20	0.2	250		0.10	
731113		7.2	8.9	7.7	0.720		0.010	140	0.67	0.4	840		0.40	
731011		20.6	7.0	7.8	0.290		0.010	3000	0.15	0.1	850	0.0	0.30	
730913		19.4	5.6	7.9	0.300		0.000	250	0.20	0.2	2333		0.30	
730802		25.6	5.9	7.8	0.320		0.010	100	0.25	0.0	1550		0.30	
730706		26.1	5.8	7.7	0.340		0.020	200	0.15	0.0	1400	0.0	0.30	
730605		22.8	5.3	7.1	0.400		0.008	400	0.25	0.6	367		0.30	
730502		17.2	5.0	7.1	0.160		0.000	30	0.29	0.0	250		0.30	
730402		12.8	7.0	7.4	0.310		0.010	210	0.86	0.5	517	0.0	0.30	
730305		8.9	9.4	7.8	0.300		0.008	60	0.40	0.6	1367		0.40	
730221		3.3	11.8	7.4	0.250		0.008	100	0.46	1.1	550		0.40	
730116		0.0	11.0	7.0	0.200		0.008	70	0.55	0.4	917	0.0	0.40	
721122		4.4	9.3	7.1	0.220		0.010	440	0.25	0.0	333		0.40	
721030		11.1	7.4	7.8	0.130		0.007	90	0.13	0.0	2000	0.7	0.60	
720925		21.1	6.9	7.7	0.170		0.009	200	0.13	0.0	1383	0.4	0.50	
720831		22.8	5.4	7.3	0.270		0.005	120	0.35	0.6	367	0.2	0.60	
720910		21.1	5.7	7.2	0.440		0.010	50	1.05	0.6	517	1.4	0.40	
720713		25.6	4.1	8.1	0.140		0.010	420	0.32	0.1	1367		0.40	40
720620		27.2	6.3	7.9	0.120		0.000	70	0.20	0.0	2000		0.50	
720522		22.2	4.6	8.1	0.090		0.010	30	0.15	0.5	1467		0.40	
720329		5.6	9.1	7.7	0.080		0.000	90	0.10	0.2	467		0.40	50
720229		11.1	11.3	7.6	0.450		0.010	10	0.30	1.7	1163		0.90	35
720112		2.8	12.1	7.0	0.650		0.000	160	0.25	0.6	1087			
711005			11.8	7.4	0.160	50		14000	1.00	0.0				60
710615		26.7	5.4	7.8		37				0.0			0.90	130
710505		16.7	6.5	7.6		43				0.0			0.80	190
710316		11.7	6.6	7.1		32				0.0			0.40	200
710209		0.6	11.6	7.0		47				0.2			1.30	200
701020		12.8	8.6	7.7		29				0.0			0.50	70
700929			3.9	6.9		12				0.0			0.10	25
700818		27.8	9.4	7.8		16	0.000	2800		0.0			0.50	110
700714			6.2	7.7		21				0.0			0.00	160
700630		26.7	5.5			24				0.0			0.80	130
700614				7.0		27				0.0			0.00	40
700612				7.1		22				0.0			0.10	35
700611				7.0		29				0.2			0.00	35
700610				6.9		29				0.2			0.00	60
700512		21.7	4.0	7.1		25				0.0			0.80	200
700407			8.2	7.3		18				0.0			0.00	50
700317		3.9	10.6	7.7		14				0.0			0.90	65
700210		4.4	10.6	7.4		22				0.2			1.00	110
700107			12.7	7.2		22				0.2			0.30	25
691216		2.8	13.1	7.4		26				0.0			0.60	20
691028		10.0	8.7	7.0		22	0.015	130		0.0			0.70	40
691009			8.7	7.7		18				0.0			0.10	80
690910		21.1	5.5	7.0		29				0.0			0.40	190
690805			3.5	6.9		30				0.0			0.10	150
690610		23.9	4.9	7.6		24				0.0			0.60	150
690429		15.0	6.0	7.2		26				0.0			0.30	40
690402			9.7	6.9		26				0.5			0.10	80
690305		6.1	11.2	7.4		22				0.9			0.70	130
690128		2.2	11.4	7.1		32				1.1			0.40	190
690108			10.3	6.7		27				0.5			0.40	95
681126		7.8	8.7	7.2		27				0.2			0.60	45
681009		15.0	8.7	7.7		17				0.0			0.20	25
680904		23.9	6.5	7.7		15		10		0.0			0.20	110
680730		25.6	8.0	7.8	0.228	12	0.000		1.10	0.0			0.20	120
680717			6.8	7.3		17				0.0			0.10	70
680528		18.3	6.5	7.4		22				1.1			0.30	210
680416		16.1	5.5	7.3		20				0.2			0.20	58
680306		8.3	15.3	7.8		14				0.5			0.20	51
680130			9.8	7.0		29				0.9			0.20	140
680110		0.6	7.5	6.7		11				0.0			0.00	55
671121		9.4	9.2	7.0		13				0.0			0.20	25
671010		11.9	7.6	7.0	0.065	18	0.000		1.00	0.0			0.20	95

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
670829		26.1		7.5		15							0.20	85
670718		25.0	7.2	7.4									0.30	135
670607		25.0	6.0	7.4									0.10	210
670419		18.9	6.5	7.2									0.30	120
670315		13.3	6.6	8.1									0.40	100
670118		1.1	11.7	7.5									0.40	60
661102		7.2	8.0	8.0									0.30	10
660921		18.3	7.0	7.7									0.10	25
660803		28.3	6.2	7.9									0.20	60
660622		26.7	5.8	7.4									0.10	150
660425		17.8	4.7	6.8									0.20	110
660308		5.6	11.7	7.5									0.20	55
660111		2.2	11.4	7.0									0.30	35
650927		17.2	6.6	7.7									0.20	45
650816		30.0	7.6	7.3									0.20	50
650504		23.3	5.6	7.3									0.30	35
650223		5.0	10.3	6.7									0.30	100
641216		3.3	9.8	8.0									0.40	10
640929		15.6	7.6	7.3									0.10	40
640825		22.2	5.1	7.7									0.20	100
640824				7.6									0.90	33
630812		25.6	4.5	7.3									0.50	90
630204		1.1	6.7	7.1									0.10	40
620716		26.7	4.9	7.1									0.20	290
620116		3.3	10.3	7.1										50
610606		22.2	4.8	7.5									0.00	120
610111		0.0	9.9	7.1									0.00	11
591208		1.1	11.5	7.8									0.00	11
580626		18.9	6.3	7.1										

NE 03 LITTLE MUDDY RIVER
ROUTE 149 BRIDGE 2 MI EAST OF DESOTO --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722		0.00	0.00	0.000	5.2	0.02	4.50	0.0	0.1	0.3	30	265		
740408		0.00	0.00	0.000	3.9	0.14	1.08	0.0	0.0	0.2	23	250		
740131		0.00	0.00	0.000	3.6	0.01	0.10	0.0	0.1	0.2	15	105		
731011		0.00	0.00	0.000	1.2	0.02	1.07	0.0	0.0		18	240		
730706		0.00	0.00	0.000	2.6	0.01	4.00	0.0	0.0	0.3	30	580		
730402		0.00	0.00	0.000	2.1	0.02	0.52	0.0	0.0	0.2	18	170		
730116		0.00	0.00	0.000	1.2	0.01	0.65		0.0	0.2	33	350		
720925		0.00	0.00	0.000	1.5	0.06	2.20	0.0	0.1	0.3	23	620		
720713		0.00	0.00	0.000	1.7	0.07	2.00	0.0	0.0	0.3	75	280		
710615											35	550	545	136
701020											88	519	672	142
700818		0.00	0.00	0.000	0.3	0.00	1.50	0.0	0.0	0.3	34	65	760	152
700714											28	400	384	108
700107											41	300	328	68
691216						0.00					48	195	352	86
691028		0.00	0.00	0.000				0.0	0.1	0.4	35	186	340	116
691009											60	670	570	98
690805					0.0	0.00				0.0				
690610											48	120	384	112
681126											82	97	368	164
681009											28	270	320	108
680730		0.00	0.00	0.000	0.5	0.00	1.10	0.0	0.0	0.3	19	145	300	72
680717											24	550	480	56
680306											165	100	500	120
680110											90	155	520	100
671121											135	93	480	88
671010		0.00	0.00	0.000	0.2	0.00	0.10	0.0	0.1	0.3	50	36	212	128
670718	5										32	140	344	96
670607	4										30	57	268	100
670419	4										36	23	240	84
670315	3										26	26	184	64
670118	8										102	105	444	92

NE 03 LITTLE MUDDY RIVER
ROUTE 149 BRIDGE 2 MI EAST OF DESOTO --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
661102	3										80	40	332	184
660921	2										38	55	296	140
660803	3										36	50	268	276
660622	3										36	100	304	124
660425	4										11	19	100	32
660308	2										34	42	264	64
660111	2										24	65	316	72
650927	1										22	66	256	64
650816	2										32	135	376	152
650504	2										100	323	400	296
650223	2										28	177	240	72
641216	3										28	320	280	132
640929	5										370	480	790	268
640825											105	856	890	224
640824	2											750	550	150
630812	3										26	160	200	88
630204											52	300	404	120
620716	3										20	31	46	46
620116	2										18	165	160	32
610606	1										68	693	680	120
610111											76	290	480	96
591208	1										40		450	70
580626	1										24		328	52

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740722	0.000	0.0	0.1	0.038		0.00		0.00	0.000					
740408	0.000	0.0	0.1	0.000		0.14		0.00	0.000					
740131	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
731011	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
730706	0.000	0.2	1.5	0.000		0.01		0.00	0.000					
730402	0.000	0.0	0.2	0.000		0.05		0.00	0.000					
730116				0.000		0.00								
720925	0.000	0.1	0.2	0.010		0.24		0.00	0.000					
720713	0.000		0.0	0.010	0.00	0.08		0.00	0.000					
700818		0.0		0.000		0.00								
691028	0.000	0.0		0.000		0.03								
690805				0.000										
680730	0.000	0.0		0.000		0.10								
671010	0.000	0.0		0.000		0.00								

NE 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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740904		17.8	1.7	7.2	0.320		0.005	1500	0.30	0.3	267		0.20	
740805		21.1	1.2	6.9	0.280		0.010	320	0.20	0.5	450	0.0	0.10	
740708		25.0	4.3	7.6	0.150		0.005	140	0.40	0.4	750		0.30	
740620		21.7	6.3	7.0	0.520		0.005	3500	0.35	0.8	417		0.30	
740501		21.1	6.4	7.4	0.260		0.020	45000	0.20	0.3	433	0.3	0.20	
740408		12.2	10.4	7.5	0.460		0.005	4100	0.30	0.3	400		0.10	
740321		3.9	11.4	7.4	0.230		0.010	7700	0.15	0.5	417		0.20	
740214		3.3	10.9	7.7	0.060		0.005	20	0.15	0.5	1017	0.0	0.30	
740124		4.4	10.1	7.1	0.180		0.010	550	0.25	0.7	367		0.20	
731203		9.4	7.7	7.2	0.140		0.005	150	0.20	0.5	433		0.20	
731113		7.8	5.9	7.3	0.180		0.010	170	0.12	0.0	430	0.0	0.30	
731011		20.0	1.8	7.6	0.210		0.010	21000	0.25	0.0	867		0.30	

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
730913		19.4	0.7	7.6	0.240		0.005	150	0.50	0.0	800		0.40	
730802		25.6	3.0	7.5	0.200		0.010	100	0.35	0.1	450		0.20	
730712		25.6	2.9	7.2	0.560		0.015	600	0.60	1.1	183		0.40	
730605		21.1	6.9	7.0	0.950		0.012	19000	0.55	0.7	233		0.10	
730430		16.1	6.5	7.4	0.160		0.008	170	0.43	0.3	500		0.40	
730329		11.7	8.6	7.4	0.190		0.010	220	0.20	0.4	567		0.40	
730307		12.8	8.9	7.8	0.180		0.013	1600	0.24	0.2	800		0.40	
730206		5.6	10.7	7.5	0.120		0.008	120	0.35	0.3	583		0.40	
730116		0.6	10.6	7.4	0.060		0.000	10	0.35	0.6	1150		0.50	
721204		3.9	9.9	7.4	0.130		0.005	140	0.28	1.0	633		0.50	
721030		10.6	0.2	7.3	0.190		0.013	70	0.18	0.0	517	0.0	0.60	
721002		15.6	2.9	7.5	0.090		0.008	250	0.44	0.1	433		0.30	
720905		21.7	2.4	7.5	0.210		0.005	50	0.37	0.4	300	0.0	0.80	
720810		17.2	5.5	7.4	0.280		0.005	730	0.32	0.5	267	0.3	0.30	
720802		22.2	3.7	7.7	0.180		0.015	550	0.25	0.0	350	0.4	0.40	
720622		18.9	3.3	8.1	0.120		0.015	110	0.40	0.0	500		0.20	80
720523		20.0	2.8	7.5	0.050		0.000	70	0.20	0.0	883		0.40	
720425		13.9	6.2	6.9	0.070		0.010	300	0.36	0.4	375		0.40	
720330		5.6	8.4	6.8	0.060		0.010	600	0.30	0.8	833		0.50	70
720229		10.0	9.6	7.3	0.450		0.000	210	0.50	2.9	527		0.90	100
720118		1.7	10.4	7.4	0.330		0.015	10	0.20	0.4	1867			

NE 04 LITTLE MUDDY RIVER
ROUTE 14 BRIDGE 2 MI EAST OF OLD DUQUOIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740805		0.00	0.00	0.000	4.5	0.00	1.11	0.0	0.0	0.3	30	105		
740501		0.00	0.00	0.000	3.4	0.02	0.50	0.0	0.0	0.2	27	110		
740214		0.00	0.00	0.000	1.1	0.01	0.65	0.0	0.0	0.1	55	270		
731113		0.00	0.00	0.000	2.2	0.00	0.47	0.0	0.0	0.2	27	79		
721030		0.00	0.00	0.000	1.1	0.01	6.00	0.0	0.0	0.3	21	80		
720622		0.00	0.00	0.000	3.6	0.20	1.10	0.0	0.1	0.2	30	90		
720330				0.000	2.9		0.60			0.1	90	250		
720229				0.010	2.9		0.00			0.1	33	160		

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740805	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
740501	0.001	0.0	0.1	0.000		0.00		0.00	0.000					
740214	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
731113	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
721030				0.000		0.07								
720622		0.0		0.000		0.08			0.000					
720330						0.08	0.52							
720229						0.04	1.30							

NEB 01 REESE 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740904		17.2	0.0	7.2	2.200		0.005	730	2.80	0.2	550	0.2	0.50	

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 OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740805		21.7	1.7	7.5	7.300		0.010	650	8.60	0.4	1167		0.70	
740708		26.7	12.0	8.2	5.300		0.010	300	6.40	0.7	1033		0.60	
740620		22.2	7.5	7.5	1.900		0.005	690	1.60	0.9	867	0.0	0.60	
740501		21.7	5.4	7.4	0.620		0.015	38000	0.70	0.4	400		0.20	
740408		11.1	9.8	7.5	0.450		0.010	4400	0.50	0.3	367		0.30	
740321		3.3	9.1	7.4	0.300		0.010	2700	0.40	0.5	433	0.3	0.30	
740214		3.3	6.5	7.5	0.960		0.005	200	2.00	0.5	800		0.50	
740124		5.0	9.0	6.9	0.280		0.010	170	0.50	0.6	267		0.20	
731203		8.9	5.7	7.3	0.900		0.010	410	1.50	0.5	533	0.0	0.20	
731113		7.2	5.8	7.4	3.400		0.015	830	4.80	0.5	970		0.80	
731011		20.0	2.6	7.3	2.600		0.010	3800	3.00	0.3	500		0.40	
730913		21.1	0.0	7.8	7.200		0.020	49000	12.00	0.0	4167		1.60	
730802		25.6	3.4	8.0	3.200		0.015	1400	5.50	0.2	4167		0.50	
730712		25.0	1.4	7.5	2.000		0.015	300	3.70	0.2	750		0.70	
730605		21.1	5.5	7.0	0.550		0.012	5500	0.70	0.0	500		0.30	
730430		15.6	3.5	7.4	0.700		0.006	1600	0.85	0.5	1100		0.50	
730329		12.2	6.0	7.3	0.610		0.010	490	0.89	0.6	733		0.50	
730307		13.9	7.5	7.7	1.900		0.013	400	3.10	0.5	1467		0.70	
730206		5.0	7.6	7.4	0.580		0.008	130	0.98	0.0	750		0.40	
730116		0.0	7.8	7.4	0.910		0.008	2600	2.40	0.0	1117		0.70	
721204		3.9	6.4	7.4	2.100		0.010	300	2.65	0.9	1033		0.60	
721030		10.6	2.3	7.4	10.000		0.016	40	4.80	0.6	2667		1.60	
721002		14.4	2.9	7.3	11.000		0.015	2000	5.90	0.8	950		1.30	
720905		21.1	3.4	7.5	6.900		0.010	460	7.20	1.3	1300	0.0	1.70	
720810		17.2		7.4	6.000		0.015	13000	11.30	0.5	867	0.0	0.60	
720802		22.8	2.4	7.6	7.400		0.015	1400	3.80	1.2	1333		1.40	36
720622		19.4	2.0	8.2	8.500		0.010	190	16.50	0.0	3333		1.00	
720527		70.0	7.7	7.7		10	0.260	1100	0.00		0		1.00	
720425		15.0	4.7	7.1	0.200		0.015	100	0.33	0.3	325		0.40	60
720330		5.6	6.0	7.1	2.400		0.010	200	2.30	1.6	1117		0.80	50
720229		13.9	6.9	7.5	2.700		0.010	30	1.90	1.7	1208		0.90	20
720118		2.8	5.3	7.5	9.100		0.020	90	1.08	2.6	2283			

NEB 01 REESE CREEK
ROUTE 14 BRIDGE 1 MI EAST OF OLD DUQUOIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740904		0.00	0.00	0.000	1.2	0.01	1.56	0.0	0.0	0.4	35	100		
740620		0.00	0.00	0.018	0.8	0.01	1.16	0.0	0.0	0.4	35	220		
740321		0.00	0.00	0.000	1.4	0.01	0.40	0.0	0.0	0.3	19	115		
731203		0.00	0.00	0.000	2.5	0.02	0.50	0.0	0.0	0.3	23	150		
720905		0.00	0.00	0.000	1.6	0.03	1.56	0.1	0.1	0.5	90	370		
720802		0.00	0.00	0.000	1.7	0.02	1.50	0.0	0.0	0.5	95	330		
720425		0.00	0.00	0.000	2.6	0.07	0.25	0.0	0.0	0.1	17	130		
720229				0.010	0.6		1.10			0.3	59	240		

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740904	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
740620	0.000	0.0	0.4	0.000		0.00		0.00	0.000		0.0			
740321	0.000	0.0	0.2	0.000		0.02		0.00	0.000					
731203	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
720905	0.000	0.0	0.8	0.000		0.15		0.00	0.000					
720802	0.000	0.0	0.8	0.000	0.00	0.06		0.00	0.000					
720425		0.0		0.000		0.08			0.000					
720229						0.03	0.20							

NF 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 OXYGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
740910		21.7	4.5	7.1	0.580		0.000	810	0.80	1.1	1233		0.40	
740807		20.6	2.5	6.8	1.900		0.010	250	1.30	1.3	1150		0.60	
740722		27.8	1.0	7.5	1.800		0.015	200	0.80	2.1	1317	0.0	0.40	
740610		21.1	6.4	6.8	1.000		0.010	590	1.70	0.4	900		0.50	
740509		15.6	6.6	7.4	1.000		0.010	790	1.30	0.8	1100		0.40	
740408		10.6	8.2	6.3	0.770		0.010	600	0.40	0.2	717	0.4	0.20	
740307		16.7	7.3	6.7	0.630		0.005	270	0.45	0.4	533		0.30	
740214		3.9	10.2	7.5	0.440		0.000	20	0.70	0.8	1067		0.40	
740109			12.2	7.2	0.720		0.005	70	1.50	0.4	1017	0.0	0.40	
731212		1.1	11.6	7.8	0.420		0.005	70	1.20	0.8	1100		0.30	
731113		7.2	5.3	7.5	2.600		0.015	80	2.10	0.8	1000		1.20	
731009		23.3	4.8	7.8	3.400		0.010	460	0.35	2.0	1167	0.0	1.00	
730919		11.7	5.8	7.6	2.800		0.007	1300	0.70	2.0	1550		1.00	
730801		25.6	3.7	7.6	1.500		0.015	180	0.60	1.3	1483		0.50	
730706		26.1	5.7	7.6	1.140		0.010	2000	0.95	0.7	1283		0.90	
730604		23.3	5.5	6.9	0.650		0.010	1500	0.80	0.0	400		0.30	
730502		17.2	5.9	6.8	0.180		0.008	5000	0.45	0.2	483		0.30	
730402		11.1	7.2	7.0	0.380		0.007	470	0.51	0.1	550		0.30	
730305		6.7	8.7	7.3	1.100		0.010	260	3.70	0.3	1333		0.60	
730221		3.3	11.5	7.1	0.590		0.000	40	1.60	0.2	1067		0.50	
730115			10.6	7.1	1.300		0.008	3600	5.60	0.1	1033		1.00	
721122		4.4	9.3	6.6	0.420		0.006	90	1.10	0.4	800		0.50	
721030		10.0	2.4	7.2	6.600		0.016	110	3.80	1.1	1000		1.60	
721002		15.6	5.3	7.6	4.400		0.012	10000	3.20	1.3	1067	0.0	1.40	
720830		22.2	5.0	7.4	3.600		0.005	2500	2.00	0.8	967	0.2	1.20	
720803		25.0	2.7	7.6	3.300		0.020	330	5.70	0.8	1150		1.10	23
720713		22.8	1.1	7.5	0.610		0.015	820	1.60	0.5	1617	0.0	0.90	
720621		20.6	1.0	7.6	1.300		0.015	9000	4.00	0.1	1467		1.10	
720522		21.1	3.5	8.2	1.850		0.010	500	0.27	1.7	1833		0.90	15
720425		12.2	6.6	7.4	0.190		0.010	100	0.66	0.3	700		0.60	
720329		5.6	8.6	7.6	0.850		0.000	420	1.00	1.2	2000		0.80	20
720229		11.1	7.5	7.0	0.450		0.000	150	1.10	1.4	1110		1.00	10
720125		4.4	8.8	7.8	5.500		0.010	10	6.20	1.8	1492			

NF 01 HURRICANE CREEK
TOWNSHIP ROAD BRIDGE 4 MI WEST NORTHWEST OF HERRIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722		0.00	0.00	0.000	1.0	0.01	0.75	0.1	0.1	0.4	30	260		
740408		0.00	0.00	0.000	2.5	0.16	2.15	0.0	0.6	0.1	13	290		
740109		0.00	0.00	0.000	4.6	0.01	1.70	0.0	0.2	0.3	21	420		
731009		0.00	0.00	0.000	1.2	0.01	0.45	0.0	0.0	0.6	41	340		
721002		0.00	0.00	0.000	1.3	0.02	0.80	0.0	0.0	0.7	50	360		
720803		0.00	0.00	0.000	1.8	0.04	0.60	0.0	0.0	0.8	10	310		
720522		0.00	0.00	0.000	1.0	0.03	1.11	0.0	0.0	0.6	48	450		

NF 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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740722	0.000	0.0	0.4	0.010		0.00		0.00	0.000			520	48	
740408	0.000	0.1	0.1	0.000		0.43		0.00	0.000					
740109	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
731009	0.000	0.0	0.3	0.000		0.00		0.00	0.000					
721002			0.5	0.000		0.05								
720803	0.000	0.0	0.7	0.000	0.00	0.07		0.00	0.000					
720522		0.0		0.000		0.07			0.000					

NG 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	ABAS (MG/L)	TURBID-ITY UNITS
740910		21.1	7.5	7.3	0.080		0.000	350	0.08	0.4			0.30	
740807		23.9	2.2	7.0	0.180		0.005	50	0.05	12.2	1100	1.6	0.70	
740722		27.2	2.3	7.2	0.110		0.005	40	0.12	1.1	367		0.10	
740610		22.2	5.9	7.0	0.080		0.000	590	0.25	0.5	1067		0.50	
740509		16.1	6.2	7.4	0.110		0.005	100	0.10	0.2	1400	0.0	0.30	
740408		10.6	9.5	7.1	0.080		0.005	70	0.10	0.3	1150		0.20	
740307		13.9	7.3	6.8	0.320		0.015	3700	0.50	0.8	500		0.30	
740214		4.4	11.1	7.3	0.020		0.000	260	0.45	0.5	1617	0.0	0.20	
740109			11.8	7.0	0.060		0.005	40	0.60	0.5	1500		0.20	
731212		1.1	11.7	7.6	0.040		0.005	30	1.20	0.7	1667		0.20	
731108		7.2	11.5	7.2	0.060		0.005	210	0.00	0.7	2100	0.1	0.30	
731009		22.8	6.6	7.2	0.080		0.005	300	0.30	0.4	3000		0.40	
730919		12.8	6.8	7.3	0.320		0.000	80	0.30	1.8	3667		0.60	
730801		24.4	4.2	7.2	0.160		0.010	10	0.50	0.3	433		0.30	
730706		26.1	3.9	7.1	0.200		0.015	100	0.20	0.2	333		0.40	
730604		23.3	6.4	7.0	0.250		0.012	1400	0.55	0.7	383		0.40	
730502		16.1	5.4	7.0	0.080		0.006	50	0.25	0.2	467		0.30	
730402		11.7	6.4	7.0	0.170		0.012	1200	0.66	0.3	350		0.30	
730305		8.9	10.0	7.5	0.110		0.008	110	0.35	0.4	1667		0.40	
730213		1.7	12.0	7.1	0.060		0.006	150	0.88	0.4	767		0.50	
730115		0.0	8.5	6.7	0.040		0.000	10	0.80	0.5	1667		0.50	
721122		4.4	9.7	7.0	0.120		0.006	390	0.65	0.6	850		0.50	
721109		8.9	7.6	6.9	0.230		0.013	670	1.70	0.7	933		0.60	
721002		8.3	0.5	7.4	0.110		0.008	2000	2.90	1.1	2333	0.0	0.60	
720830		22.2	6.7	6.9	0.100		0.005	270	0.97	1.4	1833	0.0	0.80	
720807		22.8	8.0	7.4	0.070		0.000	70	0.13	0.3	2833	0.0	0.20	
720731		25.6	8.0	7.5	0.060		0.005	10	0.28	0.5	3000		0.50	15
720622		24.4	6.7	7.6	0.030		0.010	50	0.20	0.2	3333		0.40	
720522		23.3	9.4	8.2	0.050		0.010	50	0.18	0.2	3000		0.40	
720513			7.0	7.3	0.040		0.010	100	0.26	0.3	483		0.50	40
720329		5.6	8.7	7.2	0.020		0.010	1000	0.25	0.8	1100		0.50	60
720229		11.1	9.5	7.1	0.100		0.000	40	0.60	1.8	1663		0.70	30
720125		5.6	15.1	7.3	0.070		0.000	10	0.15	0.8	3367			
711214		8.9		7.4	0.033	13		50	1.20	0.2				25
711102			5.9	7.5	0.033	5		1000	0.00	0.0				40
711005			5.2	7.5	0.065	39		19000	0.60	0.0				25
710921			6.9	6.8	0.065	15		100	0.20	0.0				25
700928			8.0	7.0		9				0.0			0.10	35
700714			5.5	7.3		16				0.0			0.20	25
700407			9.2	7.2		11				0.0			0.00	35
700107			12.4	7.0									0.10	25
691009			7.7	7.1		11				0.0			0.10	25
690805			2.0	6.4		22				0.0			0.10	75
690402			9.8	7.2		15				0.2			0.00	25
690108			6.2	6.2		24				0.5			0.30	30
681001			5.3	7.2		17				0.0			0.30	25
680717			6.4	6.9		16				0.0			0.30	25

NG 01 POND CREEK
ROUTE 148 BRIDGE 3 MI WEST NORTHWEST OF HERRIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740807		0.00	0.00	0.000	0.6	0.02	0.70	0.0	0.0	0.2	35	300		
740509		0.00	0.00	0.000	2.0	0.08	2.56	0.1	0.0	0.3	28	690		
740214		0.00	0.00	0.000	0.8	0.00	2.20	0.2	0.2	0.3	37	790		
731108		0.00	0.00	0.000	1.0	0.01	1.57	0.2	0.0	0.7	38	1200		
721109		0.00	0.00		2.2	0.03	1.40	0.1	0.1					
720731		0.00	0.00	0.000	0.8	0.03	2.40	0.1	0.0	0.7	34	1300		
720513		0.00	0.00	0.000	1.8	0.05	0.70	0.0	0.1	0.1	16	210		
700928											56	1200	870	74
700714											80	1300	1190	76
700407											24	270	284	30
691009											31	1200	1170	26
690805					0.0	0.00				0.0	31	870	760	64

NG 01 POND CREEK
ROUTE 148 BRIDGE 3 MI WEST NORTHWEST OF HERRIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROMIUM (MG/L)	TRI CHROMIUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANGANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOURIDE (MG/L)	CHLORIDE (MG/L)	SULFATE (SO4) (MG/L)	HARDNESS (CACO3) (MG/L)	ALKALINITY (CACO3) (MG/L)
690402											26	360	380	22
681001											34	1400	1220	46
680717											34	1800	1500	30

NG 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)	CHROMIUM (MG/L)	COPPER (MG/L)	DISSOLVED IRON (MG/L)	SELENIUM (MG/L)	SILVER (MG/L)	PLANKTON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740910												1790		
740807	0.000	0.0	0.3	0.010		0.00		0.00	0.000					
740509	0.001	0.0	0.5	0.000		0.08		0.00	0.000					
740214	0.000	0.4	0.5	0.000		0.00		0.00	0.000			1400		
731212												1520		
731108	0.000	0.0	1.0	0.000		0.00		0.00	0.000			2000		
721109				0.000		0.14								
720731	0.000	0.0	1.1	0.000	0.00	0.06		0.00	0.010					
720513		0.0		0.000		0.04			0.000					
690805				0.000										

NG 02 POND CREEK
ROUTE 37 BRIDGE AT SOUTH EDGE OF WEST FRANKFORT
LAB: MARION

DATE	DISCHARGE (CFS)	TEMPERATURE DEG C	DISSOLVED OXYGEN (MG/L)	Ph UNITS	TOTAL PHOSPHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITROGEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBIDITY UNITS
740923		12.2	9.5	6.9	0.060		0.005	20	0.07	0.0	1200	0.0	0.40	
740806		23.9	3.7	6.7	0.500		0.005	510	0.05	0.1	667		0.20	
740701		25.0	7.7	7.3	0.050		0.010	120	0.21	0.0	983		0.60	
740603		21.7	10.9	7.4	0.050		0.005	60	0.05	0.3	1067	0.0	0.30	
740506		16.7	11.1	7.6	0.020		0.010	40	0.10	0.1	683		0.20	
740415		14.4	11.7	7.4	0.060		0.005	40	0.15	0.0	650		0.20	
740318		11.1	10.5	6.8	0.050		0.010	100	0.35	0.3	417		0.20	
740214		1.1	9.9	7.0	0.060		0.000	10	0.30	0.5	883		0.30	
740124		5.6	11.1	6.8	0.140		0.010	210	0.20	0.6	267		0.20	
731212		2.2	11.7	7.1	0.100		0.010	360	0.20	0.1	883	0.0	0.30	
731108		6.1	8.6	6.0	0.120		0.025	90	0.00	0.0	1100		0.40	
731011		17.8	6.3	3.9	0.060		0.020	10	0.75	0.0	3833		0.70	
730920		15.6	8.8	7.1	0.160		0.005	15000	0.20	0.1	883		0.70	
730731		27.2	9.4	6.6	0.040		0.010	650	0.50	0.0	900		0.80	
730705		26.1	0.2	3.2	0.010		0.040	69000	6.00	0.7	4500		0.70	
730605		21.7	4.6	5.4	0.130		0.022	100	0.95	0.1	633		0.30	
730430		15.0	8.7	7.4	0.070		0.006	190	0.35	0.2	583		0.40	
730329		11.1	9.1	7.2	0.020		0.007	70	0.25	0.3	517		0.30	
730319		11.1	10.8	7.0	0.070		0.008	100	0.34	0.5	433		0.50	
730206		5.0	10.6	6.6	0.080		0.000	10	0.35	0.3	633		0.30	
730116			8.7	5.3	0.020		0.000	10	1.50	0.2	1267		0.50	
721204		4.4	11.2	7.2	0.030		0.005	480	0.88	0.2	733		0.40	
721109		8.3	9.5	7.1	0.160		0.015	770	0.23	0.9	333		0.50	
721004		18.3	6.8	6.1	0.040		0.010	16000	4.90	0.2	1083		0.70	
720830		22.2	6.0	7.7	0.120		0.005	380	0.50	0.4	267	0.0	0.40	
720807		21.7	5.7	7.0	0.270		0.005		0.14	0.2	567		0.60	200
720731		21.1	7.1	7.2	0.280		0.000	2500	0.30	0.2	1200	0.0	0.90	
720717		21.7	6.6	6.8	0.060		0.000	23000	0.26	0.5	250		0.30	
720710		25.6	9.1	6.7	0.010		0.040	10	0.50	0.2	3500		1.90	
720628		24.4	7.9	5.2	0.130		0.030	1200	0.67	0.2	2833		2.70	
720524		22.8	7.6	7.7	0.060		0.000	1800	0.26	0.0	1350		0.50	10
720427		13.9	8.2	7.3	0.020		0.010	800	0.45	0.4	583		0.40	
720328		6.7	9.0	6.9	0.050		0.010	2200	0.20	0.5	450		0.40	90
720228		12.2	10.3	6.8	0.110		0.010	10	0.90	1.5	532		0.70	45
711214		12.2	7.1	5.6	0.228	30		42000	2.50	0.0				35
711005			4.6	3.4		82		100						25

NG 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
710921			10.9	3.3		88		0						95
700928			6.4	6.5		9				0.0			0.10	25
700714			6.4	7.2		23				0.0			0.10	25
700407			10.4	6.7		5				0.0			0.00	25
700107			12.7	6.9		14				0.2			0.10	25
691009			8.6	6.6		17				0.0			0.30	35
690805			6.2	7.1		20				0.0			0.20	25
690402			9.9	7.1		13				0.2			0.10	25
690108			11.7	6.5		22				0.5			0.30	90
681001			8.5	3.2		87								160
680717			4.2	3.6		48				0.0			0.30	25
680130			9.1	6.2		23				0.5				

NG 02 POND CREEK
ROUTE 37 BRIDGE AT SOUTH EDGE OF WEST FRANKFORT --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740923		0.00	0.00	0.000	0.8	0.00	1.12	0.0	0.0		100	240		
740603		0.00	0.00	0.000	1.4	0.20	1.50	0.0	0.2	0.2	65	350		
740318										0.1	20	140		
731212		0.00	0.00	0.000	1.0	0.01	1.65	0.0	0.1	0.2	96	230		
730705					170.0						105	2500		
720830		0.00	0.00	0.000	2.0	0.06	0.54	0.0	0.0	0.1	13	93		
720807		0.00	0.00	0.000	13.0	0.07	0.60	0.0	0.1	0.3	70	80		
720524		0.00	0.00	0.000	0.8	0.02	1.64	0.0	0.0	0.2	106	450		
720328				0.000	4.0		0.93			0.1	17	240		
710921					40.0		16.60							
700928											67	460	316	52
700714											134	350	304	70
700407											33	210	204	22
700107											42	310	312	40
691009											1850	270	660	38
690805					0.0	0.00				0.0	206	210	270	76
690108											121	250	272	46
681001					50.0		22.00				355	700	1300	
680717					3.1		18.80				970	1400	1140	

NG 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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740923	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
740603	0.000	0.0	0.1	0.000		0.70	1.50	0.00	0.000					
740318			0.1											
731212	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
731108												740		
731011													120	
730705													1200	
720830	0.000	0.0	0.3	0.000		0.12		0.00	0.000					
720807	0.000	0.0	0.3	0.000	0.00	0.07		0.00	0.000					
720524		0.0		0.000		0.08			0.000					
720328						0.10	1.13							
710921													410	360
690805				0.000										
681001													540	200
680717														204

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740910		23.3	10.6	7.4	0.030		0.000	840	0.10	0.7			0.20	
740807		23.3	2.6	7.5	0.050		0.000	350	0.20	1.2	1033		0.40	
740722		26.7	2.7	7.5	0.060		0.005	380	0.20	1.6	2500	0.0	0.10	
740610		21.7	8.1	7.0	0.050		0.010	2000	0.20	0.7	1183		0.20	
740509		15.0	9.6	7.4	0.100		0.005	290	0.25	0.6	1600		0.30	
740408		10.0	9.0	7.1	0.310		0.005	590	0.65	0.6	1017	0.3	0.20	
740307		16.1	8.3	6.9	0.240		0.010	900	0.75	0.4	633		0.30	
740214		3.3	11.1	7.3	0.060		0.000	30	1.40	0.5	1617		0.20	
740109			13.3	7.2	0.470		0.005	80	1.20	0.5	1233	0.0	0.20	
731212		0.6	12.5	7.7	0.100		0.005	50	2.50	0.6	1833		0.20	
731108		6.7	14.4	7.2	0.020		0.005	130	0.30	0.9	2400		0.30	
731009		22.8	10.6	7.5	0.060		0.005	520	0.15	0.8	3833	0.0	0.30	
730919		11.7	8.3	7.3	0.000		0.000	190	1.70	2.3	4333		0.60	
730801		25.6	6.2	7.4	0.020		0.010	190	3.10	2.7	3833		0.40	
730706		25.6	10.4	7.5	0.040		0.015	100	0.25	0.5	3667		0.30	
730604		22.8	8.6	7.1	0.170		0.007	700	2.80	0.9	933		0.40	
730502		15.6	7.0	7.2	0.230		0.008	7300	0.65	0.4	350		0.30	
730402		10.0	7.9	7.2	0.170		0.010	790	1.80	0.6	517		0.30	
730305		9.4	9.6	7.7	0.300		0.000	600	0.63	0.5	1467		0.50	
730213		1.7	12.4	7.2	0.190		0.006	390	1.60	0.5	867		0.50	
730115		0.0	12.6	7.3	0.270		0.000	60	2.00	0.5	1833		0.60	
721122		4.4	10.7	7.1	0.290		0.000	1000	2.40	0.9	1150		0.50	
721109		7.8	8.6	6.9	0.290		0.008	840	7.30	0.9	1117		0.70	
721002		17.2	8.2	7.3	0.170		0.008	19000	10.00	1.6	2167	0.0	0.60	
720830		26.1	8.0	7.0	0.130		0.005	520	1.70	1.8	2833	0.2	0.80	
720807		20.6	9.1	7.2	0.140		0.000	460	0.26	0.5	3000	0.0	0.40	
720731		23.3	10.4	7.9	0.100		0.005	80	0.20	0.3	3500	0.0	0.40	
720621		19.4	8.1	7.8	0.060		0.000	90	0.20	0.0	4333		0.30	20
720522		23.3	9.5	8.2	0.050		0.000	30	0.18	0.5	3167		0.40	20
720427		17.8	8.8	7.4	0.050		0.020	100	0.34	0.9	1267		0.50	
720329		5.6	9.6	7.6	0.100		0.000	1300	1.30	1.0	1283		0.50	40
720229		11.1	9.4	7.3	0.660		0.000	100	0.95	1.5	1733		0.70	30
720125		2.8	17.3	7.1	0.230		0.010	10	0.60	1.2	3600			
711214		10.0	7.0	7.1	0.065	8		20	2.50	0.2				25
711102			15.0	8.1	0.228	40		18000	0.00	0.2				25
711005			10.4	6.3	0.065	27		900	0.20	0.0				25
710921			9.5	5.4	0.000	13		130		0.0				25
710803			10.5	6.5		9				0.0			0.00	25
710106		1.1	12.0	6.5		18				0.2			0.10	60
700928			8.2	7.1		8				0.2			0.20	25
700714			9.6	7.8		14				0.0			0.10	25
700407			11.6	7.2		5				0.0			0.10	25
700107			11.8	6.9		14				0.0			0.10	30
691009			10.0	6.8		5				0.0			0.00	25
690805			8.0	7.3		10				0.0			0.10	25
690402			9.1	7.1		11				0.2			0.10	25
690108			12.1	6.5		15				0.2			0.20	25
681001			8.7	6.6		8				0.2			0.10	25
680717			7.7	6.4		6				0.2			0.10	25
680130			8.8	6.6		24				0.2			0.20	290

NGA 01 LAKE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH 2 MI EAST OF HERRIN --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740722		0.00	0.00	0.000	0.3	0.01	4.20	0.2	0.1	0.4	35	275		
740408		0.00	0.00	0.000	5.3	0.19	2.45	0.0	0.2	0.2	19	460		
740109		0.00	0.00	0.000	2.6	0.01	2.27	0.1	0.1	0.2	25	560		
731009		0.00	0.00	0.000	0.8	0.00	5.00	0.1	0.0	0.4	30	1900		
730801											100	1900		
721002		0.00	0.00	0.000	0.7	0.02	3.30	0.0	0.0	0.3	40	1100		
720621		0.00	0.00	0.000	0.8	0.02	3.70	0.1	0.0	0.4	37	920		
720522		0.00	0.00	0.000	0.5	0.04	4.40	0.1	0.0	0.3	34	1600		
710803											25	1700	340	30
710106											29	380	340	36

NGA 01 LAKE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH 2 MI EAST OF HEBRON --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
700928											77	1100	730	70
700714											30	1300	1240	84
700407											21	580	490	44
700107											42	680	620	58
691009											20	1100	170	14
690805					0.0	0.00				0.0	36	1200	980	68
690402											24	530	500	44
690108											41	1200	1130	24
681001											54	1900	1760	16
680717											25	1600	1580	18

NGA 01 LAKE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH 2 MI EAST OF HEBRON --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740910												2340		
740722	0.000	0.0	0.4	0.018		0.00		0.00	0.000			2350		
740509										0		1370		
740408	0.000	0.0	0.1	0.000		0.26		0.00	0.000					
740214												1400		
740109	0.000	0.0	0.2	0.000		0.65		0.00	0.000					
731212												1530		
731108												2400		
731009	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
721002			0.4	0.000		0.05								
720621		0.0		0.000		0.07			0.000					
720522		0.0		0.000		0.06			0.000					
690805				0.000										
681001													16	

NH 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740923		14.4	4.9	7.0	1.500		0.005	2600	5.80	0.4	533		0.50	
740808		26.1	2.5	6.0	4.700		0.005	200	6.00		617	0.0	1.00	
740701		25.0	0.0	7.2	3.600		0.010	43000	4.90	0.1	700		1.30	
740603		20.9	6.7	7.0	0.290		0.005	1400	0.35	0.5	280		0.30	
740506		17.2	6.0	7.3	0.150		0.010	4000	0.20	0.2	650	0.2	0.20	
740415		13.3	8.1	7.2	0.220		0.005	3400	0.35	0.3	500		0.20	
740318		8.9	9.7	6.9	0.130		0.015	5700	0.30	0.5	383		0.20	
740214		2.2	9.8	7.3	0.120		0.000	6200	0.35	0.5	900	0.0	0.30	
740124		5.0	9.4	6.9	0.160		0.015	1600	0.25	0.5	267		0.20	
731212		1.7	7.2	7.4	7.000		0.040	300000	13.00	0.0	900		2.50	
731108		6.7	0.0	7.0	7.000		0.900	800000	11.00	0.6	980	0.3	3.60	
731011		18.3	1.2	7.1	11.800		0.020	720000	9.50	4.0	800		3.00	
730920		16.1	1.9	7.3	12.000		0.018	680000	12.00	6.0	800		4.50	
730731		27.2	6.8	7.7	6.600		0.015	450000	5.50	2.0	600		1.50	
730705		26.7	4.0	7.4	5.600		0.015	10	6.00	1.3	700		2.70	
730605		22.2	5.2	7.0	0.480		0.014	23000	0.45	0.2	283		0.40	
730430		15.0	5.8	7.4	0.370		0.000	48000	1.10	0.2	483		0.50	
730329		12.2	8.0	7.3	0.220		0.010	7000	0.26	0.4	483		0.30	
730319		7.2	8.9	7.2	0.160		0.012	1300	0.34	0.7	367		0.50	
730206		6.1	9.4	6.8	0.250		0.008	12000	1.10	0.9	600		0.50	
730116		0.0	10.2	6.9	0.750		0.007	68000	1.40	0.0	983		1.00	
721204		3.9	8.8	7.1	0.910		0.010	110000	1.45	0.8	817		0.90	
721109		9.4	6.8	6.8	0.330		0.013	71000	0.20	0.4	457		0.50	
721004		18.3	0.0	7.4	12.000		0.035	1500000	11.00	0.0	783		3.90	
720830		25.6	0.9	7.1	0.370		0.005	10000	0.85	0.5	400	0.0	0.80	

MB 05 MIDDLE FORK BIG MUDDY RIVER
ROUTE 57 BRIDGE 1 MI NORTH 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720807		22.2		7.3	5.800		0.005	580000	6.00	1.2	550	0.0	1.70	
720731		23.3	0.0	7.4	6.000		0.025	1500000	3.50	0.2	600		2.40	35
720628		23.9	0.0	4.6	10.500		0.050	1400000	8.00	0.0	883		4.40	20
720524		22.2	1.7	7.6	3.250		0.020	300000	0.65	0.0	1033		1.30	
720427		13.9	6.1	7.4	0.150		0.015	6700	0.50	0.5	428		0.50	70
720328		7.2	8.0	7.2	0.210		0.000	24000	0.25	0.8	1000		0.60	75
720228		9.4	10.4	7.1	0.190		0.010	23000	0.75	1.3	987		0.80	50
720119		4.4	6.0	7.3	3.900		0.020	280000	6.80	1.0	933			
711214		12.2	2.5	7.5	3.263	17		1200000	4.10	0.5				50
711102			0.0	7.7	24.799	79		8900000	5.60	0.0				60
711005			0.0	7.5	2.610	98		7400000	13.70	0.0				40
710921			0.8	6.6	6.200	33		16000	3.30					120
710803			1.0	7.6		20				0.0			0.10	40
710616		22.8	4.0	7.2		47				0.2			1.10	200
710506		17.2	5.6	7.3		45				0.0			0.90	140
710317		7.2	9.9	7.0		34				0.0			0.30	320
710210		0.6	11.2	6.5		37				0.2			1.30	80
701021		12.2	7.6	7.1		39				0.0			0.90	40
700928			4.4	6.6		10				0.0			0.10	140
700915		25.0	0.2	7.1		32	0.000			0.0			0.90	120
700819		24.4	8.0	6.7		21				0.0			0.50	400
700714			6.0	6.8		19				0.0			0.30	110
700701		26.7	2.2			14				0.0			1.10	100
700513		22.8	5.8	7.1		27				0.0			0.90	85
700407			8.6	7.2		16				0.0			0.00	140
700318		2.8	12.7	7.7		11				0.0			1.20	35
700211		2.8	11.4	7.3		21				0.2			1.00	95
700107			12.0	6.9		14				0.2			0.20	25
691217		1.7	11.8	7.2		16				0.0			0.70	20
691029		10.0	0.0	5.8		44	0.015	7700		0.5			2.00	65
691009			2.2	7.1		33				0.2			1.20	65
690910		21.1	5.2	6.8		21				0.0			0.90	110
690805			2.3	6.9		29				0.0			1.00	65
690611		21.7	0.0	7.4		35				0.0			3.20	110
690430		11.7	7.5	7.1		25				0.2			0.40	140
690402			9.0	7.2		17				0.5			0.10	95
690306		6.1	10.2	7.0		19				0.9			0.70	75
690129		5.6	11.8	6.8		29				1.1			0.40	300
690108			9.5	6.2		20				0.7			0.70	30
681127		10.0	1.0	5.7		23				0.7			1.10	190
681010		15.6	0.0	3.7						0.9			1.30	152
681001			1.6	3.1		87								330
680905		22.8	0.0	7.2		55		2500000		0.0			4.30	65
680731		25.0	0.0	5.9	0.196	31	0.008		1.60	1.1			2.70	140
680717			1.5	7.3		59				0.2			5.60	35
680529		18.3	5.4	7.0		24				1.1			0.30	140
680417		15.0	7.6	7.3		19				0.5			0.40	132
680307		6.1	9.3	7.3		10				0.7			0.50	45
680130			9.3	6.8		21				0.5			0.10	300
680111		0.0	7.3	6.8		8				0.0			0.30	32
671122		8.3	5.7	6.7		13				0.5			0.40	20
671011		11.7	6.6	7.0	0.033	14	0.000		2.00	0.5			0.20	65
670830		21.1		6.6		13				0.2			0.80	55
670719		22.8	0.0	7.2									2.10	110
670608		22.2	0.2	7.1									0.30	48
670420		15.0	3.7	7.2									0.60	65
670316		8.3	8.8	8.0									0.50	80
670119		0.6	9.2	7.5									0.50	50
661103		5.6	0.8	7.2									0.50	30
660922		16.7	4.1	8.0									0.70	25
660804		20.6	0.0	7.3									3.50	38
660623		22.8	0.0	7.1									1.40	45
660426		17.8	4.5	6.8									0.00	45
660309		3.9	10.7	7.4									0.50	40
660112		2.8	9.3	7.2									0.80	30
650928		15.6	4.3	7.8									0.80	65
650817		24.4	0.0	7.1									5.20	65
650505		21.1	0.0	7.1									1.90	40
650224		3.3	9.7	6.7									0.60	40
641216		5.6	1.1	6.8									4.00	10

NB 05 MIDDLE FORK BIG MUDDY RIVER
ROUTE 57 BRIDGE 1 MI NORTH 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
640929		17.2	0.0	7.2									6.00	9
640828				7.0									2.20	10
640825		22.2	0.0	7.2									6.80	10
630812		25.6	1.6	7.0									3.60	55
630204		1.1	4.5	6.4									1.20	90
620716		26.7	4.6	7.0									0.20	450
620116		3.3	11.4	7.0									0.00	95
610606		22.2	1.8	4.8									1.00	12
610111		1.1	9.3	6.6									0.80	8
591208		1.1	10.0	7.1									0.00	18
580626		18.3	6.1	7.2										

NB 05 MIDDLE FORK BIG MUDDY RIVER
ROUTE 57 BRIDGE 1 MI NORTH OF WEST FRANKFORT --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740808		0.00	0.00	0.000	2.2	0.06	2.60	0.0	0.1	0.4	36	185		
740506		0.00	0.00	0.000	2.6	0.14	1.40	0.0	0.0	0.1	26	235		
740214		0.00	0.00	0.000	1.1	0.01	11.00	0.0	0.0	0.1	49	300		
731108		0.00	0.00	0.050	1.0	0.03	1.93	0.0	0.3	0.9	68	290		
720731		0.00	0.00	0.000	1.8	0.05	1.32	0.0	0.0	0.5	60	120		
720628		0.00	0.00	0.000	0.5	0.21	0.40	0.0	0.0	0.1	85	160		
720427		0.00	0.00	0.000	3.0	0.04	0.80	0.0	0.0	0.2	22	150		
710803											83	210	240	170
701021											166	105	200	50
700915		0.00	0.00	0.000	2.4	0.00	0.00	0.0	0.0	0.4	37	53	120	80
700107											56	260	300	44
691217						0.00								
691029		0.00	0.00	0.000				0.1	2.6	1.1	80	188	500	12
690805					0.0	0.00				0.0	159	170	230	80
690611											86	75	268	128
690108											60	240	232	14
681127											64	92	256	6
681010											40	431	400	
681001					39.3		13.20				110	2300	760	
680731		0.00	0.00	0.000	70.0	0.30	2.00	0.1	0.2	1.1	69	230	500	20
680717											55	170	204	148
680307											180	165	470	64
680111											160	165	520	48
671122											225	155	500	32
671011		0.00	0.00	0.000	2.8	0.10	1.20	0.0	0.1	0.1	52	66	340	32
670830											120	108	312	32
670719	22										80	83	212	136
670608	11										110	60	268	112
670420	7										110	70	440	88
670316	2										52	28	288	48
670119	9										88	100	364	48
661103	20										116	30	264	104
660922	4										375	127	460	148
660804	17										154	83	230	132
660623	4										250	125	340	116
660426	3										17	16	114	26
660309	4										80	66	284	44
660112	3										84	200	360	40
650928	6										30	22	60	52
650817	31										88	66	204	184
650505	20										130	431	490	304
650224	3										88	262	288	40
641216	12										165	520	340	104
640929	12										46	200	410	156
640828												125	140	80
640825											110	239	420	184
630812	13										38	155	200	82
630204											320	500	540	52
620716	3										23	28	72	42
620116	4										23	48	76	20

NH 05 MIDDLE FORK BIG MUDDY RIVER
ROUTE 57 BRIDGE 1 MI NORTH OF WEST FRANKFORT --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
610606	3										126	231	320	
610111	4										114	712	380	56
591208	5										185		380	58
580626					0.5									54

NH 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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BOE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740808	0.000	0.0	0.3	0.000		0.00		0.00	0.000					
740506	0.002	0.0	0.1	0.000		0.24		0.00	0.000					
740214	0.000	0.2	0.0	0.000		0.00		0.00	0.000					
731108	0.000	0.0	0.5	0.010		0.02		0.00	0.000					
720731	0.000	0.0	0.4	0.000	0.00	0.11		0.00	0.000					
720628		0.0		0.000		0.14			0.000					
720427		0.0		0.000		0.02			0.000					
700915		0.0		0.000		0.00								
691029	0.000	0.0		0.000		0.03							560	
690805				0.000										
681127													450	
681010													1000	360
681001													1130	370
680731	0.000	0.0		0.000		0.10								
671011	0.000	0.0		0.000		0.10								

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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740917		20.0	5.5	7.1	2.350		0.000	400	1.80	2.5	650	0.0	0.60	
740731		27.2	1.3	7.3	5.600		0.000	160	0.20	1.5	817		1.00	
740708		23.9	6.1	7.4	0.700		0.005	160	0.25	1.2	517		0.50	
740620		21.7	6.2	7.0	0.420		0.005	3000	0.35	0.6	517	0.0	0.40	
740520		22.8	7.7	7.5	0.550		0.005	900	0.00	0.7	467		0.30	
740429		18.3	7.2	7.8	0.530		0.010	40	0.30	0.7	550		0.20	
740226		0.0	13.9	7.6	0.490		0.005	20	0.70	0.7	500		0.40	
740124		4.4	11.7	7.3	0.320		0.010	590	0.50	0.7	417		0.20	
731212		1.7	11.9	7.6	1.000		0.005	10	1.20	1.4	667	0.0	0.40	
731114		8.0	6.3	7.4	6.800		0.010	200	7.20	3.7	760		1.70	
731011		19.4	3.4	7.4	6.500		0.010	530	5.00	1.2	817		0.80	
730920		15.6	6.0	7.5	4.200		0.012	8000	2.60	2.2	733		1.30	
730731		26.1	10.8	8.6	3.800		0.015	260	1.30	1.4	667		1.20	
730711		26.7	7.5	8.5	1.300		0.015	150	0.20	1.2	667		1.60	
730605		22.2	6.6	7.4	0.550		0.014	28000	0.35	0.2	217		0.30	
730430		15.0	7.5	7.6	0.490		0.008	120	0.56	0.7	517		0.50	
730329		12.2	8.7	7.3	0.460		0.007	1100	0.40	0.7	517		0.50	
730319		7.8	10.6	7.5	0.270		0.000	3200	0.38	0.7	417		0.50	
730206		3.9	10.5	7.6	0.630		0.000	1300	0.83	0.0	600		0.50	
730116		0.0	11.6	7.6	1.100		0.008	1300	1.80	0.2	750		1.00	
730102		1.1	12.0	7.3	0.430		0.008	2200	0.68	1.5	567		0.60	
721114		7.8	8.4	7.1	0.380		0.015	7900	0.40	0.5	167		0.40	
721004		18.3	4.6	7.5	5.100		0.012	290	2.40	1.6	583	0.0	1.20	
720830		21.1	3.1	7.4	6.400		0.010	230	7.20	3.0	783	0.0	7.30	
720807		21.7	4.0	7.3	2.400		0.015	6000	1.50	0.8	283		0.80	90
720731		22.8	4.8	7.5	1.360		0.010	560	2.40	1.5	433	0.0	0.90	
720628		22.2	5.1	7.7	8.100		0.030	170	10.00	1.7	1283		5.40	
720524		22.8	4.9	7.9	3.750		0.010	300	2.18	0.0	883		1.10	15
720427		13.3	7.1	7.5	0.620		0.020	1700		1.4	617		0.80	
720328		6.7	7.0	7.5	1.280		0.000	14000	2.00	1.0	917		0.80	15

MJ 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)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND OMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
720228		11.7	11.3	7.4	0.950		0.010	380	1.30	2.0	888		1.00	55
720125		1.1	8.2	7.6	5.750		0.000	80	9.90	1.2	1200		1.85	
711214		8.9	5.3	7.7	2.610	30		2000	4.10	0.9				100
710616		22.8	5.0	7.1		63				0.2			1.10	1500
710506		16.7	3.6	7.6		60				0.7			2.00	100
710317		7.2	10.0	7.1		15				0.0			0.60	120
710210		0.6	11.7	7.0		42	0.000			0.2			1.90	55
701021		12.8	4.2	7.4		90				0.9			3.00	30
700819		25.6	4.3	7.5		25	0.000			0.2			1.00	170
700701		27.2	5.3			25	0.000			0.5			1.80	50
700513		23.9	5.1	7.5		26	0.000			0.2			1.20	50
700318		3.3	11.6	7.6		13	0.000			0.0			1.30	80
700211		2.8	12.5	7.5		15	0.000			0.2			1.10	40
691217		2.2	12.8	7.5		18	0.000			0.2			1.00	15
691029		8.3	7.2	7.3		28	0.000	190		0.7			1.50	45
690911		22.8	4.2	7.1		21	0.000			0.2			0.90	100
690730		23.9	3.3	7.2		23	0.020			0.2			1.10	100
690611		21.7	3.0	7.4		39				0.7			2.00	50
690430		12.2	8.2	7.4		21	0.000			0.9			0.60	60
690306		5.0	11.0	7.2		20	0.000			0.7			0.80	30
690129		4.4	11.7	7.1		39	0.000			1.6			0.40	700
681127		8.3	6.1	7.5		26	0.000			1.1			0.70	60
681310		13.3	3.1	7.7			0.000			4.7			1.90	25
680905		21.7	1.7	7.4		40	0.000	7300		2.5			1.20	95
680731		23.3	3.4	7.5	2.937	21	0.000		0.90	0.5			0.50	120
680717			3.1	7.4		44				0.2			0.70	25
680529		16.7	6.6	7.5		20	0.000			1.8			0.50	300
680417		13.9	7.6	7.2		21	0.000			1.4			0.40	275
680307		7.2	11.0	7.7		22	0.000			1.1			0.80	25
680130			9.3	7.1		18				0.2			0.50	550
680111		0.6	9.0	6.9		16	0.009			0.2			0.10	25
671122		8.3	7.7	7.2		21				1.8			0.60	15
671011		12.2	3.4	7.0	0.979	22	0.000		2.90	0.2			0.40	20
670830		21.1		7.1		19				0.7			0.40	20
670719		23.3	3.4	7.3									0.50	15
670608		22.8	3.2	7.3			0.005						0.50	10
670420		15.6	7.3	7.2			0.004						0.40	65
670316		8.3	10.2	8.1			0.003						0.40	80
661103		5.0	3.5	7.3			0.010						0.90	6
660922		17.8	4.2	7.9			0.000						0.20	130
660804		21.1	2.7	7.7			0.007						1.30	27
660623		22.8	2.5	7.5			0.000						0.40	7
660426		16.7	7.0	7.2									0.40	75
660309		4.4	11.7	7.7									1.20	15
660112		2.2	10.0	7.3									1.00	8
651028		11.1	4.8	7.0			0.008							
650928		16.7	4.8	7.8			0.017						0.50	25
650817		24.4	3.1	7.2			0.002						1.60	40
650505		22.2	4.6	7.2			0.022						1.10	12
650224		0.6	10.2	6.9			0.007						1.60	9
641216		4.4	8.2	8.1									1.50	13
640929		15.6	3.8	7.3			0.000							9
640825		23.9	5.4	7.5			0.000						0.60	
630812		25.6	4.2	7.2									4.20	30
630204		1.1	4.2										7.80	40
620116		3.3	12.8	7.1									0.10	45
580626							0.000							

MJ 07 CASEY FORK BIG MUDDY RIVER
ROUTE 37 BRIDGE 3 MI SOUTH OF MOUNT VERNON --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740917		0.00	0.00	0.000	1.7	0.03	0.72	0.0	0.0	1.5	60	90		
740620		0.00	0.00	0.000	3.0	0.03	0.50	0.0	0.0	0.2	25	110		
731212		0.00	0.00	0.000	1.0	0.01	0.50	0.0	0.0	0.4	39	175		

NJ 07 CASEY FORK BIG MUDDY RIVER
ROUTE 37 BRIDGE 3 MI SOUTH OF MOUNT VERNON --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLUOR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
720830		0.00	0.03	0.000	0.5	0.02	0.58	0.0	0.1	0.6	84	120		
720807		0.00	0.00	0.000	4.0	0.04	3.52	0.0	0.1	0.3	24	40		
720524		0.00	0.02	0.000	0.8	0.00	1.06	0.0	0.0	0.5	80	210		
720125				0.007	0.4		0.40			0.5	135	274		
700819		0.00	0.00	0.000	0.3	0.00	0.50	0.0	0.0	0.7	96	55	220	116
691217						0.00								
691029		0.00	0.00	0.000				0.0	0.1	0.5				
690730					0.0	0.00				0.0				
690611											138	60	244	136
681010											135	70	180	152
680731		0.00	0.00	0.000	2.5	0.08	0.70	0.0	0.0	0.5	32	102	76	88
680717											89	140	164	156
680307											95	78	288	132
680111											150	93	350	124
671122											98	120	312	120
671011		0.00	0.00	0.000	0.3	0.06	0.30	0.1	0.1	0.4	75	49	208	104
670719	5										68	58	192	92
670608	8										192	60	232	140
670420	2										34	19	232	92
670316	2										32	23	228	104
661103	6										180	308	280	156
660922	4										28	43	102	72
660804	7										150	80	172	196
660623	1										126	70	224	172
660426	1										22	22	164	62
660309	5										62	45	280	108
660112	4										108	293	416	124
651028	4										90	55	172	104
650928	5										58	43	164	92
650817	5										134	74	204	128
650505	3										110	200	390	264
650224	3										325	662	360	114
641216	2										84	300	248	124
640929	1										18	200	210	116
640825											65	92	350	184
630812	6										57	246	196	126
630204	65										160	175	320	232
620116	3										21	90	176	32

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)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	ROE (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740917	0.000	0.0	0.8	0.000		0.02		0.00	0.000					
740620	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
731212	0.000	0.0	0.2	0.000		0.00		0.00	0.000					
720830	0.000	0.0	0.9	0.000		0.16		0.00	0.000					
720807	0.000	0.0	0.5	0.000	0.00	0.05		0.00	0.000					
720524		0.0		0.000		0.06			0.000					
720125							0.24							
700819		0.0		0.000		0.00								
691029	0.000	0.0		0.000		0.00								
690730				0.000										
680731	0.000	0.0		0.000		0.20								
671011	0.000	0.0		0.000		0.20								

WK 01 RAYSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH OF WALTONVILLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	TOTAL PHOS-PHORUS (MG/L)	COD (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	MERCURY (UG/L)	MBAS (MG/L)	TURBID-ITY UNITS
740917		16.7	5.7	6.9	0.180		0.010	2600	0.30	0.8	783		0.30	
740731		26.1	1.2	7.1	0.180		0.010	260	0.23	0.2	433		0.20	
740708		24.4	5.2	7.8	0.100		0.005	170	0.20	0.5	867	0.0	0.30	
740606		22.2	5.8	7.4	0.120		0.010	1800	0.25	0.5	867		0.30	
740520		22.2	6.1	7.5	0.130		0.005	710	0.20	0.3	783		0.30	
740429		21.1	9.6	7.9	0.050		0.010	40	0.10	0.0	900	0.0	0.30	
740226		1.1	13.3	7.6	0.080		0.005	40	0.10	0.7	800		0.30	
740124		4.4	11.0	7.4	0.240		0.015	12000	0.30	0.8	633	0.0	0.30	
731212		1.1	12.3	7.8	0.120		0.010	150	0.15	0.6	900		0.40	
731114		7.2	4.4	7.2	0.180		0.020	700	0.13	0.1	848		0.60	
731011		20.0	3.7	7.7	0.070		0.010	520	0.15	0.0	883	0.0	0.40	
730920		15.6	5.8	7.8	0.060		0.005	670	0.15	0.0	867		0.60	
730731		27.2	6.4	7.9	0.080		0.010	150	0.20	0.0	1083		0.80	
730711		27.2	4.2	7.6	0.100		0.030	420	0.15	0.0	1217		1.00	
730605		21.7	7.0	7.1	0.800		0.017	45000	0.45	0.5	217		0.20	
730430		15.6	7.7	7.7	0.380		0.006	210	0.22	0.2	683		0.50	
730329		11.7	9.3	7.6	0.090		0.010	110	0.23	0.4	550		0.40	
730319		7.2	10.9	7.6	0.090		0.008	200	0.38	0.6	500		0.50	
730206		5.0	11.5	7.7	0.090		0.008	110	0.25	0.5	883		0.50	
730116		0.0	12.2	7.6	0.030		0.007	20	0.28	0.6	1367		0.80	
730102		1.1	12.3	7.3	0.150		0.008	160	0.33	0.9	617		0.50	
721114		7.2	9.1	7.0	0.410		0.015	27000	0.43	0.5	150		0.40	
721004		15.6	6.0	7.4	0.240		0.025	900	0.28	0.2	1200	0.3	1.30	
720830		20.0	3.9	7.3	0.110		0.005	240	0.47	0.3	383	0.0	0.60	
720807		21.1	4.2	7.5	0.280		0.005	1000	0.37	0.5	250	0.0	0.40	
720731		21.1	4.1	7.3	0.140		0.005	460	0.31	0.5	433	0.3	0.60	
720628		21.1	4.5	7.6	0.050		0.010	400	0.20	0.2	1217		1.80	30
720524		20.6	4.7	8.0	0.050		0.000	90	0.18	0.0	1200		0.60	
720427		13.3	8.5	7.1	0.040		0.010	100	0.29	1.0	800		0.60	
720328		6.7	9.9	7.4	0.010		0.000	180	0.10	0.0	1467		0.70	20
720228		6.1	11.0	7.3	0.280		0.010	10	0.40	2.6	688		0.90	60
720125		3.9	8.1	7.2	0.070		0.000	60	0.10	0.2	887		0.60	

WK 01 RAYSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH OF WALTONVILLE --CONTINUED

DATE	BOD 5 DAY (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	NICKEL (MG/L)	ZINC (MG/L)	FLOUR-IDE (MG/L)	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740708		0.00	0.00	0.000	0.8	0.00	0.42	0.0	0.0	0.2	120	95		
740429			0.00	0.000	1.2	0.02	0.37	0.0	0.0	0.1	115	155		
740124		0.00	0.00	0.000	1.5	0.01	0.18	0.0	0.0	0.1	70	147		
731011		0.00	0.00	0.000	0.5	0.01	0.72	0.0	0.0	0.3	125	50		
721004		0.00	0.00	0.000	1.5	0.02	0.70	0.0	0.0	0.2	330	64		
720628		0.00	0.00	0.000	1.5	0.15	1.37	0.0	0.0	0.2	230	130		
720328				0.000	0.6		0.34			0.2	180	300		
720125				0.000	0.4		0.06			0.1	23	370		

WK 01 RAYSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI NORTH OF WALTONVILLE --CONTINUED

DATE	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CADMIUM (MG/L)	CHROM-IUM (MG/L)	COPPER (MG/L)	DIS-SOLVED IRON (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	PLANK-TON (NO/ML)	TOTAL SULFUR (S) (MG/L)	BOD (MG/L)	TOTAL ACIDITY (CACO3) (MG/L)	FREE ACIDITY (CACO3) (MG/L)
740708	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
740429	0.001	0.0	0.1	0.000	0.00	0.00		0.00	0.000					
740124	0.000	0.0	0.1	0.000		0.00		0.00	0.000					
731011	0.000	0.0	0.0	0.000		0.00		0.00	0.000					
721004	0.000	0.1	0.2	0.000		0.00		0.00	0.000					
720628		0.0		0.010		0.05			0.010					
720328						0.07	0.08							
720125							0.12							

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740916		18.3	8.6	7.8			1.0	350			0.10			
740807		21.1	1.8	7.7			1.5	367			0.20			
740722			1.5	8.0			1.9	367			0.20			
740513		17.2	9.3	7.9			1.6	500	58	61	0.50			
740409		11.7	8.8	7.7			1.8	333			0.40			
740219		3.0	11.3	7.6			1.5	380	19	56	0.20			
740128		5.6	10.8	7.3			1.3	300			0.40			
740107			13.4	7.9			1.2	467						
731115		11.7	10.4	7.9			0.7		30	72	0.30			
731023		17.2	6.2	7.8			0.0				0.20			
730926		20.0	8.0	8.0			1.0	433			0.30			
730905		25.0	5.7	7.8			0.8	380	34	42	0.20			
730724		27.2	6.5	7.9			1.1	367			0.30			
730627		26.1	4.6	7.7			1.0	467			0.50			
730517		16.1	8.0	7.9			1.1	367	20	55	0.50			
730424		17.2	4.0	7.5			0.8	300			0.30			
730315		10.0	5.8	7.4			1.0	230			0.40			
730222		1.7	12.9	8.2			3.3	483	48	48	0.70			
730122		3.3	11.1	7.7			0.1	400			0.50			
721129		4.4	11.7	7.7			1.0	417			0.40			
721101		12.8	8.4	7.7			0.8	483			0.60			
721016		17.2	9.5	8.1			0.3	483			0.50			
720914		25.0	7.3	7.7			0.3	500			0.40			
720821		28.3	2.3	7.3			0.7	300	26	40	0.60	120		
720724		30.6	12.0	8.1			0.3	517			0.30			
720720		30.6	11.2	8.0			1.1	517			0.50			
720629		26.1	9.6	8.2			0.0	533			0.60			
720530		22.8	6.6	8.1			0.5	450	32	63	0.50	65		
720502		16.1	7.4	8.0			1.2	450			0.50			
720411		8.9	14.5	8.2			0.6	650			0.54			
720308		5.0	11.5	8.4			0.8	1433	56	310	0.50	25		
720106		2.2	12.4	8.0			0.5	440	27	57				
711116		10.9	10.8	7.7		20	0.0					65		
711019		19.4	7.0	7.9		18	0.0					35		
710811		27.2	7.1	6.5		8	0.0				0.10	110		
710802		25.0	8.0	7.8		18	0.0				0.10	80		
710727		25.0	6.2	7.6		16	0.0				1.10	500		
710712		26.7	4.5	7.5		18	0.0				0.10	470		
710707		27.8	7.2	7.6		58	0.0				0.50	130		
710629		27.8	3.8	7.6		23	0.2					330		
710622		26.1	3.8	7.6		25	0.2				0.00	460		
710615		26.7	5.2	7.7		17	0.0				0.10	100		
710607		26.7	13.0	8.0		21	0.2				0.10	25		
710602		21.1	7.5	7.0		19	0.0				0.10	120		
710518		20.6	6.1	7.1		27	0.2				0.10	280		
710511		18.3	5.6	7.2		22	0.2				0.10	290		
710503		17.8	8.7	7.9		22	0.2				0.10	50		
710427		18.3	9.3	7.7		11	0.0				0.10	40		
710420		19.4	11.5	8.2		46	0.2				1.30	65		
710413		13.3	8.4	7.1		24	0.2				0.10	170		
710405		7.8	10.9	8.0		16	0.2				0.10	120		
710330		8.3	11.5	7.8		21	0.2				0.10	120		
710323		6.7	11.4	7.7		18	0.2				0.10	200		
710316		8.0	10.8	7.4		23	0.2				0.10	95		
710309		4.4	12.1	7.5		28	0.0				1.20	130		
710301		6.1	10.1	7.7		34	0.2				0.00	170		
710223		0.9	11.3	7.3		28	0.2				0.00	450		
710217		2.8	13.0	7.5		24	0.0				0.10	75		
710209		0.6	11.5	6.3		31	0.2				0.20	600		
710202		0.0	14.0	8.3		19	0.0					40		
710126		2.2	13.4	8.4		30	0.0				0.70	25		
710104		2.2	1.3	7.0		13	0.0				0.00	90		
701207		6.7	10.1	7.7		16	0.0				0.00	55		
701201		11.1	8.9	7.6		18	0.0				0.20	140		
701124		4.4	13.0	7.4		23	0.0				0.60	40		
701117		8.3	13.0	8.0			0.0				0.10	35		
701110		11.1	11.2	7.6		31	0.0				0.70	90		

0 01 KASKASKIA RIVER
ROUTE 3 BRIDGE AT EVANSVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
701102		13.3	10.2	7.2		9	0.0				0.00	45		
701027		16.1	8.9	7.6		9	0.0				0.00	90		
701020		13.9	6.8	7.6		16	0.2				0.10	120		
701014		16.7	6.0	7.7			0.2				0.00	65		
701005		19.4	4.7	7.0			0.2				0.10	100		
700908		27.2	6.0	7.7		16	0.0				0.40	200		
700825		25.0	8.4	7.9		22	0.0				0.30	140		
700818		26.1	6.9	7.7		32	0.0				0.10	200		
700811		23.9		7.4		13	0.2				0.70	110		
700803		28.3	7.1	7.7		14	0.2				0.10	240		
700728		27.2	6.7	7.7		16	0.2		22	30	0.70	200	144	120
700721		23.9	7.5	7.8		14	0.5				0.10	210		
700714		27.8	7.3	7.8		14	0.2				0.00	220		
700630		25.6	6.5	7.6		17	0.2				0.00	440		
700623		23.3	6.9	7.5		18	0.2				0.00	300		
700616		26.7	7.7	7.8		17	0.2				0.00	90		
700610		22.8	6.2	7.4		25	0.2				0.10	140		
700601		23.9	7.0	7.6		23	0.2				0.70	130		
700520		21.7	6.4	7.4		16	0.2				0.40	60		
700512		21.7	6.6	7.5		25	0.2				0.00	330		
700504		19.4	6.2	7.3		29	0.0				0.10	100		
700421		16.1	7.4	7.4		35	0.2				0.00	600		
700414		13.9	9.8	7.8		17	0.0				0.10	85		
700406		12.2	12.4	7.9		13	0.2				0.20	90		
700331		9.4	10.6	7.6		21	0.0				0.00	220		
700324		8.3	12.2	7.9		21	0.0				0.10	100		
700317		4.4	12.7	8.0		16	0.5				0.00	85		
700310		8.9	10.8	7.8		19	0.5				0.10	100		
700302		10.0	11.7	7.7		20	0.5				0.10	380		
700225		3.9	12.6	7.6		16	0.5				0.10	140		
700217		2.8	13.2	7.8		17	0.5				0.10	100		
700210		4.4	12.6	7.6		26	0.5				0.10	240		
700202		1.7	13.0	7.2			0.5				0.90	260		
700120		0.6	13.2	7.7		13	0.2		47	130	0.00	30	328	200
700113		0.6	15.0	7.8		13	0.2		60	120	0.00	30	320	190
700105		1.7	15.0	8.2		16	0.5		49	120	0.10	35	296	176
691230		1.1	15.5	7.7		14	0.2				1.10	90		
691209		4.4	13.2	8.0		16	0.5				0.10	55		
691201		7.8	13.1	7.9		14	0.5				0.00	45		
691125		8.3	12.4	7.8		14	0.5				0.70	150		
691103		10.6	10.4	7.7		18	0.2				0.00	110		
691028		11.7	10.0	7.0		17	0.0				0.00	200		
691021		12.8	8.3	7.4		20	0.0				0.00	230		
691015		15.6	5.7	7.4		22	0.0				0.00	370		
691006		21.7	7.4	7.8		17	0.0				0.10	210		
690930		20.0	7.9	7.4		14	0.0				0.10	180		
690923		20.6	7.7	7.5		21	0.0				0.30	340		
690916		23.3	7.7	7.7		18	0.0				0.00	250		
690910		23.3	7.4	8.0		18	0.2				0.10	100		
690908		23.3	3.5	7.0		22	0.0				0.00	450		
690903		23.9	7.2	7.4		15	0.0				0.40	180		
690826		25.0	7.7	7.8		22	0.0				0.00	120		
690819		27.8	6.7	7.7		14	0.0				0.30	200		
690812		26.7	6.9	7.6		19	0.0				0.40	190		
690804		25.6	6.4	7.4		17	0.2				0.20	160		
690729		26.1	5.6	7.3		19	0.0				0.00	140		
690723		28.3	5.3	7.3		20	0.2				0.10	230		
690716		28.3	0.0	6.9		24	0.0				0.10	95		
690707		27.2	3.4	7.2		23	0.0				0.00	200		
690624		24.4	4.7	7.2		18	0.2				0.10	1600		
690617		21.7	5.4	7.6		23	0.2				0.00	340		
690602		21.7	7.6	7.8		15	0.2				0.00	90		
690527		21.1	8.3	7.8		16	0.5				0.10	75		
690520		18.9	8.0	7.7		18	0.2				0.60	130		
690513		17.8	8.7	6.4		21	0.2				0.10	60		
690505		19.4	8.1	7.5		20	0.9				0.10	60		
690429		15.6	8.1	7.2		29	0.7				0.00	95		
690422		15.6	7.4	7.3		30	0.7				0.50	120		
690415		15.6	8.4	7.4		29	1.6				0.40	190		
690407		12.8	9.5	7.5		23	0.9				0.20	110		
690401		7.2	10.6	7.4		30	2.3				0.50	230		

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ROUTE 3 BRIDGE AT EVANSVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	SDAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
690325		7.8	10.0	7.9		28	2.0				0.70	300		
690318		6.7	12.5	8.2		19	3.2				0.80	200		
690311		3.9	11.9	7.6		21	2.3				0.00	140		
690303		3.9	12.3	7.1		18	1.6				0.00	120		
690225		5.0	12.6	7.1		16	1.8				0.50	220		
690218		3.3	12.4	7.3		16	0.5				0.10	180		
690211		4.4	11.4	7.5		36	0.9				0.10	300		
690203		4.4	11.1	7.0		27	0.5				0.10	290		
690128		1.7	12.2	7.2		29	1.1				0.00	440		
690121		2.2	11.4	7.2		26	2.5				0.50	1000		
690114		1.1		7.5		24	0.7				0.10	450		
690106		1.1	13.0	7.0		20	0.9				0.40	85		
681224		2.8	13.0	7.6		6	0.9				0.30	65		
681217		1.7	13.3	7.7		13	0.7				0.20	80		
681210		3.9	13.0	7.6		12	0.5				0.20	130		
681202		7.8	9.8	7.1		27	0.5				0.10	500		
681126		8.3	11.0	7.5		28	0.5				0.30	160		
681119		7.8	8.4	7.4		17	0.7				0.20	430		
681113		7.8	9.4	7.6		22	0.5				0.10	140		
681104		12.8	8.5	7.0		32	0.2				0.20	240		
681029		11.1	10.6	7.6		25	0.2				0.20	95		
681023		15.0	8.5	7.8		18	0.2				0.10	95		
681015		20.0	8.6	7.9		22	0.2				0.10	120		
681007		16.7	8.5	7.7		17	0.2				0.20	150		
681001		21.1	8.4	7.5		7	0.0				0.10	110		
680924		23.9	8.2	7.9		16	0.0				0.10	140		
680917		21.1	8.3	7.9		17	0.0				0.20	170		
680909		21.7	7.8	7.0		23	0.2				0.20	170		
680904		23.9	6.8	7.6		20	0.2				0.20	260		
680827		25.6	6.9	7.5		14	0.2				0.00	370		
680823		27.8	3.2	7.2		15	0.7		14	34	0.00	800	112	86
680813		23.9	4.9	6.9		20	0.5				0.00	290		
680805		28.9	5.4	7.4		15	0.5		17	11	0.00	380	88	72
680730		27.2	7.2	7.7		21	0.2				0.20	35		
680723		28.3	9.4	8.3		16	0.5				0.20	60		
680716		27.2	6.4	7.7		17	0.7				0.10	75		
680710		26.7	7.1	7.8		14	1.6				0.30	130		
680701		25.0	7.3	6.4		16	1.4				0.20	80		
680625		25.0	6.5	7.6		16	1.1				0.20	750		
680618		23.9	6.0	7.5		18	1.1				0.10	1200		
680611		26.1	6.5	7.1		17	1.4				0.10	170		
680603		20.6	6.0	7.2		23	0.7				0.10	210		
680528		17.8	6.9	7.2		34	0.7				0.10	500		
680521		17.8	7.7	7.3		20	0.5				0.10	170		
680514		18.9	8.2	7.7		9	0.2				0.10	200		
680506		18.9	11.3	7.7		16	0.2				0.20	70		
680430		17.2	8.2	7.6		19	1.1				0.20	100		
680423		18.3	6.4	7.4		26	0.7				0.10	210		
680416		16.1	8.3	7.7		20	0.9				0.10	280		
680409		12.8	8.4	7.6		21	1.1				0.20	320		
680401		14.4	7.8	7.3		24	0.9				0.20	1400		
680326		9.4	10.8	7.4		24	1.1				0.10	160		
680319		10.0	10.4	7.9		28	1.4				0.20	240		
680312		5.0	11.5	7.8		19	2.0				0.10	160		
680304		2.8	12.4	7.4		9	2.3				0.10	75		
680227		2.2	13.1	7.7		17	1.8				0.10	65		
680220		1.7	12.9	7.3		9	1.8				0.20	105		
680214		2.2	12.8	0.7			1.8				30.00	130		
680205		7.2	9.4	7.2		20	0.9				0.20	160		
680130		5.0	11.1	7.5		16	1.1				0.10	340		
680123		1.7	11.7	7.3		18	0.9				0.10	120		
680117		1.1	12.3	7.5		19	0.9				0.10	135		
680108		0.0	12.6	7.2		20	0.9				0.00	120		
680103		0.6	11.9	7.5		17	0.5				0.20	100		
671219		5.0	10.8	7.4		21	0.2				0.00	140		
671212		7.2	9.9	7.3		28	0.5				0.10	500		
671204		7.2	9.8	7.1		32	0.5				0.00	1000		
671129		5.0	12.3	7.8		20	0.2		50	100	0.20	30	276	182
671121		10.0	11.4	7.4		22	0.2				0.00	190		
671114		8.9	10.4	7.4		23	0.2				0.10	70		
671106		12.8	11.7	7.6		20	0.0				0.10	30		

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ROUTE 3 BRIDGE AT EVANSVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
671031		13.3	10.9	7.7		22	0.2				0.20	65		
671024		15.0	10.7	7.6		20	0.0				0.10	90		
671017		15.0	9.3	7.7		12	0.0				0.10	90		
671010		15.6	10.4	7.7		16	0.2		43		0.10	110		
671002		19.4	9.5	7.9		22	0.0		34		0.10	180		
670926		20.6	7.5	7.7		20	0.0		33	14	0.10	160	160	112
670829		22.2	8.1	7.6		10	0.0		27		0.10	130		
670822		22.8	7.1	7.5		19	0.2		23		0.10	200		
670815		23.9	7.2	7.6		12	0.2		28		0.10	170		
670807		26.1		7.3		13					0.10	500		
670801		26.7		7.3		34	0.5				0.10	240		
670725		26.7	5.6	7.6		15	0.5		32		0.10	300		
670718		23.3	5.6	7.4		22	0.2		18		0.10	310		
670710		26.7	3.9	7.6		7	0.2		31	28	0.10	25	194	142
670627		25.6	3.1	7.5		14	0.2		29	45	0.10	25	126	34
670620		27.2	3.8	7.5		19	0.9		28	40	0.10	25	216	150
670613		25.6	7.5	7.8		18	0.9		29	50	0.10	85	236	164
670605		21.7	8.0	7.6		37	1.6		38	50	0.10	290	232	182
670523		18.3	7.3	7.6		23	0.2		30		0.20	500		
670516		16.1	7.5	7.5		19	0.5		27		0.20	1100		
670508		17.2	6.4	7.3	5				46	45	0.20	270	244	184
670501		17.2	7.5	7.0	5				20	14	0.40	1000	156	100
670424		17.2	11.3	8.0	5				36	19	0.10	40	244	164
670417		20.6	10.0	7.6	5				35	20	0.40	50	284	208
670410		18.9	8.8	7.4	3				37	46	0.10	130	260	180
670403		13.3	8.3	7.5	2				24	20	0.20	210	216	144
670327		13.9	8.3	7.2	4				20	19	0.20	260	116	86
670320		9.4	10.7	7.4	7				37	23	0.20	280	264	148
670313		13.3	10.5	7.2	5				25	23	0.30	270	180	100
670306		3.3	12.0	7.3	6				48	25	0.30	1100	276	132
670227		2.2	12.8	7.6	3				34	20	0.30	210	312	196
670220		4.4	11.5	7.6	3				34	17	0.40	150	272	164
670214		17.8	9.1	7.1	4				18	12	0.20	140	148	136
670206		4.4	11.3	8.5	5				29	16	0.20	310	130	98
670130			11.5	7.2	3				32	5	0.20	400	156	160
670123		9.4	12.0	7.7	3				62	42	0.20	40	308	212
670116		2.8	13.6	7.7	1				44	28	0.30	75	336	212
670109		2.2	12.2	7.4	1				42	28	0.20	60	308	192
670103		3.3	12.0	7.5	1				35	22	0.20	120	336	172
661212		6.7	9.2	7.3	5				30	17	0.30	600	132	86
661205		6.7	12.5	7.4	4				43	23	0.20	450	164	84
661128		11.1	6.4	7.0	8				40	23	0.10	450	174	116
661121		9.4	8.9	7.5	3				60	23	0.20	160	216	160
661114		10.6	7.1	6.9	7				34	14	0.20	380	164	118
661107		11.1	13.5	7.4	5				42	23	0.20	50	292	176
661031		13.9	11.5	7.5	4				28	19	0.20	30	240	148
661024		13.3	9.8	7.2	4				21	19	0.30	110	188	126
661017		13.3	9.1	7.2	3				36	14	0.20	160	168	130
661010		15.6	8.7	7.5	2				36	9	0.10	110	166	122
661003		16.1	8.6	7.8	2				44	12	0.20	110	182	144
660926		17.2	7.6	7.7	2				19	12	0.10	350	132	92
660919		19.4	7.7	7.7	7				25	12	0.10	330	192	180
660912		23.9	7.2	7.6	7				36	35	0.10	160	252	196
660906		25.0	7.7	7.7	4				27	23	0.20	120	218	182
660829		25.6	8.4	7.6	5				20	15	0.10	80	146	120
660822		25.6	6.3	7.7	2				20	15	0.10	220	160	142
660815		25.6	6.3	7.5	5				16	11	0.30	1000	104	100
660808		24.4	7.0	7.8	3				30	15	0.20	42	188	152
660801		26.7	8.2	8.0	5				40	20	0.10	35	192	184
660725		25.6	7.6	7.8	6				30	17	0.00	820	232	196
660718		30.6	7.9	7.9	4				28	20		70	252	204
660711		30.0	7.7	7.5	2				35	22	0.00	85	256	212
660705		29.4	7.6	7.9	6				38	15	0.00	62	256	196
660627		28.9	6.4	7.3	3				32	19	0.00	70	288	216
660620		24.4	6.1	7.2	2				34	35	0.00	25	312	160
660613		24.4	8.2	7.3	3				30	22	0.00	70	272	208
660606		23.3	6.4	7.4	2				20	20	0.20	150	256	188
660531		20.0	5.8	7.3	1				17	12	0.30	230	156	122
660523		21.1	6.4	6.9	3				18	15	0.20	220	152	106
660516			8.8	7.4	3				42	26	0.20	80	352	184
660215			10.3	7.1	6				12	42	0.00	290	120	124

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ROUTE 3 BRIDGE AT EVANSVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
660207			10.7	7.6	2				50	105	0.80	25	288	248
660131			11.9	8.1					54	54			384	252
660124			13.0	7.6	3				120	29	0.20	50	324	232
660117			11.6	8.1	2				41	31	0.40	60	296	220
660110			12.2	7.8	2				36	37	0.20	180	272	188
660103			8.2	7.8	5				38	49	0.20	300	224	200
651220			14.8	8.6	8				124	66	0.20	90	390	204
651210			9.7	8.1	9				48	34	0.30	70	336	212
651206			15.0	8.1	8				56	46	0.50	75	304	244
651129			10.1	8.1	7				52	26	0.20	120	304	240
651122			15.8		10				44	42	0.00	110	320	220
651115			10.4	7.7	6				96	41	0.20	160	292	240
651108			12.8	7.1	7				26	28	0.00	150	256	196
651101			21.2	7.7	8				11	28	0.40	200	222	182
651025			8.2	7.8	4				24	45	0.30	50	284	224
651018			8.3	7.7	5				45	26	0.00	80	218	164
651013			9.6	8.7	6				25	20	0.00	30	186	152
651004			6.5	7.3	3				11	26	0.20	95	142	102
650927			5.5	7.5	2				12	12	0.00	130	60	64
650920			5.4	7.7	3				34	17	0.00	150	94	76
650913			7.2	7.7	2				25	11	0.10	180	82	86
650907			4.9	7.5	4				6	11	0.00	500	72	60
650830			6.7	7.3	8				14	21	0.10	110	200	196
650823			7.9	8.3	11				36	19	0.40	110	220	200
650816			6.7	7.5	7				41	28	0.10	120	188	160
650809			8.9	8.5	5				44	25	0.30	50	232	192
650802			9.1	8.4	8				41	31	0.20	95	220	200
650726			7.5	7.8	2				24	17	0.20	50	128	108
650720			7.3	7.8	1				22	26	0.10	260	120	92
650714			5.5	7.3	2				24	8	0.20	1500	96	92
650706				7.7	3				28	54	0.10	280	144	100
650628			9.3	8.7	3				30	35	0.10	100	256	176
650621			7.1	7.8	0				44	20	0.00	180	232	148
650614			7.0	7.1	1				22	43	0.10	250	184	148
650607			5.4	7.5	2				32	54	0.10	400	256	192
650601			8.2	7.4	3				54	26	0.10	60	284	184
650524			7.7	7.8	3				46	169	0.10	80	292	244
650517			6.4	7.7	3				32	231	0.10	40	252	240
650510			6.5	7.0	2				34	54	0.10	90	224	200
650503			7.6	7.4	2				21	31	0.20	200	108	120
650426			7.8	7.6	2				28	19	0.20	35	280	112
650419			4.8	7.1	5				44	22	0.20	55	240	124
650412			7.6	7.4	3				39	43	0.20	170	184	122
650405			12.7	7.4	7				44	61	0.20	100	290	160
650329			11.5	7.8	3				56	54	0.30	65	288	172
650322			10.0	7.4	1				23	37	0.20	70	142	120
650315			11.8	7.8	4				64	26	0.20	95	240	112
650308			11.8	7.6	2				96	65	0.20	70	284	204
650301			12.2	7.3	4				56	58	0.50	130	304	228
650220			10.3	6.7					44	26	0.30	95	248	196
650215			10.2	7.5	5				50	17	0.20	700	148	132
650208			12.6	7.4	3				32	43	0.30	55	204	176
650202			10.2	8.0	4				74	60	0.30	40	296	208
650125			12.4		6				94	293	0.40	45	348	212
650118			15.1	7.7	5				118	104	0.30	15	336	224
650112			9.3	8.5	9				88	270	0.40	80	328	172
650104			13.5	7.6	7				51	140	0.40	75	248	208
641228			12.0	7.6	5				70	156	0.40	7	240	216
641221			10.8	7.3	2				16	88	0.30	4	244	224
641214				7.8					44	34			208	188
641207			14.8	8.0	4				46		0.50	80		246
641201			9.5	7.5	3				28	116	0.30	14	276	208
641123			11.6	7.8	4				28	34	0.10	60	284	216
641116			8.0	7.5	4				26	64	0.30	40	276	208
641109			12.7	7.5					28	170	0.00	60	280	224
641026			10.5	7.1	4				21	96	0.10	110	270	184
641019			10.4	7.8	4				44	70	0.10	80	250	228
641012			10.6	7.8	4				70	70	0.20	12	220	206
641005			12.6	8.4	6				46	124	0.30	95	244	200
640928			9.9	7.5	4				48	124	0.20	160	268	192
640921			5.8	7.6	2				16	172	0.10	130	268	196

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
640914			9.3	8.0	4				46	107	0.00	7	284	224
640908			8.2	7.9	3				68	103	0.10	55	280	236
640831			8.8	7.6	4				16	51	0.40	90	216	100
640824			8.5	7.8	4				26	237	0.20	250	296	156
640817			4.9	8.0	5				26	68	0.30	45	320	164
640810			6.6	8.0	1				24	22	2.80	95	296	232
640727			6.6	7.3	1				36	58	0.10	210	204	192
640720			7.6	8.1	4				20	46	0.10	90	264	160
640706			6.9	7.9	2				14	25	0.20	130	240	208
640629			5.8	7.3	2				6	11	0.20	95	120	124
640622			7.6	7.5	3		0.0		12	7	0.20	2000	92	92
640615			6.6	7.5	6				36	28	0.00	75	240	204
640608			6.3	7.9	5				16	40	0.20	170	304	224
640601			9.9	8.0	8				16	55	0.10	300	152	96
640525			8.4	7.7	4				36	169	0.20	60	236	204
640518			8.3	7.2	2				34	85	0.20	65	252	196
640511			8.1	7.9	4				27	85	0.10	60	216	152
640504			6.7		1				17	23	0.10	75	144	104
640427			5.5	7.2	2				24	43	0.20	500	200	164
640420				7.3	5				28	55	0.20	250	216	176
640413			8.2	7.8	4				15	11	0.10	380	116	96
640406				7.6	7				28	19	0.10	2000	192	160
640330			9.0	6.7	6				40	5	0.20	220	220	152
640323			10.0	7.2	4				30	71	0.30	320	180	148
640316			9.3	7.3	6				24	17	0.20	500	88	184
640309			10.2	7.3	8				26	40	0.10	1500	192	112
640302			14.0	8.1	7				80	154	0.30	65	288	188
640224			12.2	7.5					100	60	0.40	35	280	200
640217				7.4	3				48	231	0.50	65	188	148
631223			14.7	8.3	4				45	116	0.20	85	226	170
631216			13.0	8.3	2				46	108	0.70	110	244	268
631209			12.5	8.1	3				34	40	0.50	110	248	200
631202			11.4	7.8	6				53	21	0.30	140	204	176
631125			7.8	7.3	8				8	46	0.10	330	192	140
631118			11.0	7.4	6				31	31	0.10	170	308	124
631111			12.0	8.2	6				30	70	0.20	190	268	
631104			10.8	8.0	6				14	46		110	316	206
631014			3.9	7.9	5				22	33	0.10	45	256	224
631007			3.2	8.0	9				43	33	0.20	80	152	132
630930			5.0	7.8	1				15	29		100	260	222
630923			4.1	8.2	1				18	19	0.40	100	240	188
630916			5.1	7.8	4				15	50	0.20	80	272	184
630909			4.8	8.1	1				12	50	0.20	45	214	174
630903			8.1	8.1	4				15	28	0.10	70	188	152
630826			8.6	8.3	5				6	11	0.40	150	156	52
630819			7.8	7.8	3				18	85	0.20	35	310	136
630812			7.5	7.9	2				18	54	0.30	30	244	188
630805			8.2	7.1	5				15	26		30	200	156
630801			16.2	6.8	3				16	17	0.80	11	168	86
630722			8.2	7.6	2				12	9	0.20	230	136	80
630715			8.4	7.7	5				13	50	0.20	800	108	80
630708			14.4	8.5	5				50	43	0.20	60	308	140
630624			12.5	8.2	2				13	55	0.20	140	168	134
630617			10.0	7.8	4				10	42	0.00	100	136	102
630610			11.5	8.1	5				20	55	0.20	95	208	164
630603			3.8	8.0	0				11	50	0.20	140	136	128
630527			2.0	7.3	4				11	19	0.20	240	104	80
630520			7.8	7.1	4				15	30	0.00	750	88	94
630513			14.0	7.3	1				22	70	0.30	100	244	164
630506			14.0	8.1	6				28	34	0.10	35	300	212
630429		20.0	13.8	8.2	9				35	29	0.10	75	280	180
630422		26.1	11.6	8.2	6				24	120	0.20	50	260	190
621210			13.0	7.5	8				86	103	0.40	100	256	178
621203			13.8	8.0	5				52	108	0.20	80	288	208
621126			10.6	8.3	2				52	83	0.20	130	280	198
621119			9.0	7.4	3				40	71	0.30	100	264	260
621112			10.3	8.0	5				39	108	0.20	40	288	216
621105			9.0	7.2	2				5	8	0.20	16	132	182
621029			9.3	7.9	2				46	40		55	220	180
621022			8.1	7.7	1				8	20	0.20	175	200	118
621015			7.3	7.2	1				31		0.00	70	146	126

O 01 KASKASKIA RIVER
ROUTE 3 BRIDGE AT EVANSVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
621008			8.6	8.2	1				40	21	0.00	150	160	140
620924			6.5	7.2	2				9	29	0.00	55	200	94
620827		22.8	8.8	7.5	2				26	7	0.20	35	196	136
620820		29.4	3.0	6.9	2				5	9	0.00	55	162	64
620806			7.6	7.4	3				84	18	0.00	60	142	102
620123		2.8	12.8	6.8	4				18	43	0.00	80	148	86
611023		14.4	7.5	8.0	3				34	10	0.10	110	236	168
611016		16.7	5.3	7.4	4				25	16	0.20	15	160	126
611009		16.7	5.2	7.8	2				24	16	0.00	120	164	104
611003		16.7	5.4	7.6	2				17	30	0.10	260	128	110
610925		21.1	4.4	7.9	3				25	55	0.10	45	228	190
610918		21.1	3.4	7.9	2				13	42	0.10	110	160	136
610911		26.7	3.4	7.3	2				51	24	0.00	30	160	118
610905		26.7	6.2	8.3	2				27	46	0.00	12	184	184
610828		26.7	8.0	8.4	3				21	49	0.00	45	208	172
610822		22.2	6.2	7.8	2				22	40	0.00	120	172	120
610814		27.8	4.2	7.3	2				8	10	0.00	160	60	52
610807		26.7	4.8	8.4	2				13	15	0.00	130	84	72
610731		28.9	3.8	7.8	2				14	11	0.00	250	92	76
610724		26.7	6.0	8.2	5				26	39	0.00	170	148	114
610717		24.4	8.1	8.2					26	85	0.00	180	264	202
610710		25.6	8.6	8.2	1				23	69	0.10	40	244	174
610626		23.3	6.8	7.9	3				22	71	0.00	50	208	156
610619		22.2	5.6	7.9	2				40	47	0.00	150	172	112
610612		25.6	5.6	7.7	1				30	59	0.10	35	276	198
601101		11.1	7.7	7.4	7				109		0.00	35	232	184
601024		7.8	11.1	8.3	16				230		0.00	100	188	126
601017		15.6	6.5	8.2	8				34		0.00	85	220	168
601010		17.8	4.0	7.8	7				30		0.00	90	288	206
601004		20.0	6.9	8.1	3				39		0.00	50	216	186
600926		17.8	5.2	8.3	3				35		0.00	60	236	210
600919		20.0	4.7	8.2	3				31		1.00	50	212	202
600912		21.1	4.0	8.1	3				7		0.00	30	320	220
600906		27.8	8.3	7.9	3				66		0.00	8	242	198
600829		27.8	10.8	8.2	5				36		0.00	20	268	216
600822		25.0	5.2	7.6	4				38		0.00	55	280	208
600815		25.6	7.6	8.2	0				33			55	202	168
600808		26.7	6.4	7.5	3				21		0.00	500	164	190
600801		25.6	6.0	7.9	3				24		0.00	110	232	184
600725		25.6	5.6	7.3	2				29		0.00	45	280	224
600718		24.4	3.6	7.5	2				34		0.00	80	164	138
600711		24.4	3.8	7.3	2				10		0.00	200	76	68
600704		22.8	4.0	7.2	2				21		0.00	1200	60	50
600627		23.3	5.2	7.8					20		2.00	350	184	156
600621		22.2	4.8	7.6	2				42		0.00	220	194	136
600613		23.9	6.0	7.8	3				19		0.80	200	222	164
600606		20.0	6.8	7.4	3		0.9		18	43	1.00	260	140	120
600112		7.8	12.5	7.6	2				132			20	272	164
590717		25.6	7.0	7.9	4				104		0.00	85	272	210
580710		25.6	5.4	7.9	1		0.2		20	47		250	214	154

O 01 KASKASKIA RIVER
ROUTE 3 BRIDGE AT EVANSVILLE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740916	0.200	0.000	790	0.05										
740807	0.150	0.000	1300	0.10										
740722	0.200	0.010	4000	0.05										
740513	0.260	0.005	230	0.10	0.000	0.00	0.00	0.00	0.010	2.7	0.01	0.15	0.0	0.1
740409	0.370	0.005	2300	0.20										
740219	0.340	0.005	900	0.30	0.000	0.00	0.00	0.00	0.000	4.5	0.01	0.19	0.4	0.1
740128	0.270	0.010	100	0.20										
740107	0.180	0.010	70	0.15										
731115	0.180	0.000	100	0.15	0.000	0.00	0.00	0.05	0.000	1.2	0.01	0.85	0.0	0.2
731023	0.160	0.005	20	0.02										
730926	0.200	0.000	170	0.10										

0 01 KASKASKIA RIVER
ROUTE 3 BRIDGE AT EVANSVILLE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
730905	0.820	0.000	4800	0.15	0.000	0.00	0.00	0.00	0.000	8.3	0.02	0.70	0.2	0.3
730724	0.120	0.000	100	0.15										
730627	0.420	0.010	2300	0.20										
730517	0.170	0.005	240	0.20	0.000	0.00	0.00	0.10	0.000	1.2	0.04	0.10	0.2	0.2
730424	0.230	0.008	600	0.58										
730315	0.410	0.010	29000	1.20										
730222	0.240	0.007	100	0.25	0.000	0.00	0.00	0.05	0.000	2.4	0.01	0.10	0.0	0.2
730122	0.370	0.008	800	0.60										
721129		0.006	200	0.15										
721101	0.310	0.000	38000	0.24	0.000	0.00	0.00	0.15	0.000	3.5	0.04	0.62	0.7	
721016	0.070	0.000	10	0.10									0.0	
720914	0.130	0.000	10	0.12									0.0	
720821	0.270	0.005	90	0.24	0.000	0.00	0.00	0.13	0.000	5.2	0.04	0.36	0.0	0.2
720724	0.090	0.000	10	0.10										
720720	0.160		70	0.32										
720629	0.050	0.000	10	0.20										
720530	0.060	0.000	410	0.23	0.000	0.00	0.00	0.19	0.000	3.1	0.07	0.32		7.0
720502	0.090	0.000	1600	0.25										
720411	0.010	0.000	10	0.08										
720308	0.040	0.000	150	0.15				0.11	0.000	0.9		0.50		
720106	0.490	0.000	190	0.50					0.000	3.4		0.06		0.2
711116	0.131		1000	0.10										
711019	0.131		100	0.50										
710811			4000	0.10										
710727	0.000													
700811			200						0.000					
700728	0.196	0.000	300		0.000	0.00	0.00	0.00	0.000	0.1	0.00	0.10		0.2
691230										2.2				
690826					0.000					0.0	0.00			0.0
690819					0.000					0.0	0.00			0.0
690812		0.000	100		0.000	0.00	0.00	0.00	0.000	0.0	0.00			0.3
690804					0.000					0.0	0.00			0.0
690729					0.000					0.0	0.00			0.0
690723					0.000					0.0	0.00			0.0
690716					0.000					0.0	0.00			0.0
690707					0.000					0.0	0.00			0.0
680827											0.00			
680820	0.163		7000	0.00	0.000	0.00	0.00	0.07		1.9		0.10		0.3
680805	0.294	0.000	600	0.20	0.000	0.00	0.00	0.00	0.000	4.0		0.20		0.1
670926	0.098	0.000		0.60	0.000	0.00	0.00	0.00	0.000	1.2	0.00	0.10		0.2
600606				1.30						0.4		0.00		0.3
580710										0.1		0.20		0.3

0 01 KASKASKIA RIVER
ROUTE 3 BRIDGE AT EVANSVILLE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	COLOR UNITS
740513		0.001	0.0	0.2			0.0	0.00	0.000	0.0				
740219		0.002	0.0	0.2			0.0	0.00	0.000	0.0				
731115		0.000	0.0	0.2			0.0	0.00	0.000	0.1				
730905		0.000	0.1	0.1			0.0	0.00	0.000	0.0				
730517		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
730222										0.0				
721101		0.000	0.1	0.1			0.0	0.00	0.000	0.0				
720821		0.000	0.1	1.3	0.00		0.0	0.00	0.000	0.0				
720530			0.0				0.0		0.000	0.0				
720308						0.24								
720106						0.32								
700728			0.0				0.0			0.0				
690812		0.000	0.0				0.0			0.1				
680820		0.000	0.0				0.0			0.0				
680805		0.000	0.0				0.0			0.0				
670926		0.000	0.0				0.0			0.0				

0 02 KASKASKIA RIVER
BRIDGE AT COOKSMILLS 7 MI NORTH OF MATTOON
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711201		3.9	10.1	7.9		6	0.5							
711020		18.9	6.2	7.9		17	0.2							
701021		16.7												228
680131					3									
671129		1.7	12.4	7.8	5				56	108			464	248
671018		11.1	10.0	7.7	3				66	31			304	284
670920		23.9	6.4	7.2	7				63	125			410	172
670816		23.3	1.6	7.7	5				46	71			428	224
670719		24.4		8.7	8				43	60			388	192
670614		24.4	5.8	7.6	2				34	19			312	228
670503		11.1	8.0	7.6	3				48	40			340	220
670223		0.0	12.8	7.6	3				36	38			320	204
661228		1.1	11.2	7.9	3				38	26			388	236
661109		15.0	6.2	7.4	8				100	105			720	148
661005		12.2	8.4	7.9	3				76	54			400	228
660914		23.3	6.2	7.6	2				85	85			480	172
660713		30.0	2.0	7.8	4				48	39			292	212
660615		21.1	5.4	7.7	3				44	105			364	244
660413		6.7	9.4	7.5	3				40	73			330	216
660223		1.7	10.8	7.8	1				28	46			412	252
660126		0.0	13.4	8.4	3				14	100			404	284
660112		0.6	10.8	8.2	2				24	34			360	254
651214		7.8	8.8	7.7	2				150	215			480	276
651117		7.2	6.6	8.1	2				34	65			400	252
651103		11.1	10.2	7.8	2				40	50			380	252
651020		16.7	6.2	7.1	2				30	50			368	248
650929		15.6	7.0	8.3	2				16	123			296	232
650915		21.1	4.4	7.4	6				40	115			250	168
650818		24.4	3.6	7.6	3				55	192			440	200
650706		23.3	4.4	7.6	1				54	47			336	144
650616		19.4	6.0	7.8	2				28	40			244	232
650601		19.4	5.0	7.5	3				52	66			256	240
650512		17.8	6.4	7.4	2				52	54			256	244
650428		10.0	8.2	7.2	2				20	14			236	168
650402		6.7	11.8	7.8	2				34	29			316	160
650310		2.8	11.2	8.0	2				48	100			308	160
650210		6.7	9.8	7.8	2				40	51			244	172
650120		0.6	8.4	7.3	2				92	262			530	252
650105		3.9	6.0	7.3	3				170	300			410	256
641228		1.7	8.4	7.6					126	360			490	300
641216		2.2	6.2	7.2					460	440			660	220
641209		0.6	7.0	7.0					75	480			640	180
641202		1.1	8.0	7.1					85	520			490	176
641118		10.0	2.6	7.1					100	560			500	184
641112		15.0	4.4	7.6					50	520			740	220
641104		13.3	5.4	7.1					44	640			580	228
641015		13.9	8.4	7.2					28	540			460	184
640930		14.4	6.8	7.4					520	480			600	148
640923		20.6	6.2	7.1					155	480			610	244
640916		18.3	7.6	7.6					530	480		12	660	304
640909		25.0	6.0	7.2					390	629		15	700	264
640902		22.8	4.2	7.6					510	647		15	620	280
640826		22.2	7.0	7.5					540	642		12	550	148
640819		21.1	4.8	7.2					330	750		15	560	164
640805		26.7	4.8	7.7	3				48	383			610	304
640715		23.3	5.0	8.0					44	85			324	264
640708		25.0	4.2	7.4					32	277			296	208
640701		25.6	3.6	7.6	2				32	70			308	240
640611				7.8					31	29			304	228
640513				7.0					30	43			272	200
640429				7.7					16	11			224	184
640330				8.0					23	60			268	196
640311				7.6					62	46			268	192
640226				7.8					185	190			372	200
640220				8.0					104	38			368	224
640213				7.5					32	169			364	216
640205				8.1					72	78			304	232
640122				7.0					40	108			410	336
640108				7.4					46	185			620	216
640102				7.1					88	450			610	152

0 02 KASKASKIA RIVER
BRIDGE AT COOKSMILLS 7 MI NORTH OF MATTOON --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
631227				7.4					180	416			590	312
631211				7.7					40	190			490	208
631120				7.5					48	231			440	224
631113				7.7					65	200			480	204
631030				7.6					34	277			630	160
631023				7.7					166	290			620	184
631016				7.7					285	275			590	230
631009				7.6					96	193			470	216
631001				7.9					68	430			420	232
630925				7.3					18	123			400	196
630918				8.1					52	300			470	180
630912				7.5					52	108			392	280
630903				7.4					19	130			368	208
630829				7.7					14	277			320	136
630821				7.5					12	31			144	104
630813				7.1					11	35			152	120
630807				7.1					30	140			600	172
630731				7.3					40	323			450	200
630724				7.8					290	100			336	244
630709				7.4					6	48			200	144
630701				7.4					30	40			464	208
630626				7.6					32	93			376	232
630620				7.6					20	103			252	224
630613				7.8					18	70			292	232
630605				7.8					44	58			268	232
630528				7.8					25	140			336	216
630522				7.7					21	70			304	244
630515				7.7					21	54			232	140
630501				7.5					28	63			240	208
630424				8.1					27	41			324	232
630417				7.9					78	46			300	236
630410				7.9					16	85			320	204
630403				7.7					28	54			256	160
630327				7.9					33	78			312	220
630320				7.6					26	64			232	168
630313				7.9					25	71			244	152
630306				6.8					20	60			116	72
630228				7.7					140	800			750	84
630219				7.4					90	575			570	188
630213				7.7					72	355			370	220
630207				8.1					150	925			770	100
630131				7.7					72	539			580	200
630122				7.5					146	590			610	368
630117				8.2					13	31			344	408
630109				7.3					140	385			530	172
630103				7.5					69	616			650	220
621227				7.9					29	115			340	204
621221				7.6					40	51			292	216
621205				7.6					114	262			620	200
621128				7.2					84	430			540	168
621120				7.3					81	370			480	204
621113				7.6					83	480			576	200
621107				7.6					71	370			700	220
621101				7.9					108	135			444	228
621023				7.5					66	33			510	160
621017				7.5					440	216			530	220
621010				7.4					106	293			580	188
620906				7.8					60	120			388	192
620725				7.8					14	60			240	172
620718				7.6					32	115			304	184
620711				7.6					21	70			72	200
620628				8.1					32	89			296	200
620621				7.8					30	62			332	236
620613				7.7					18	53			260	180
620605				7.7					30	41			320	220
620531				7.4					16	59			280	208
620524				7.6					22	62			288	200
620517				7.5					20	75			272	200
620510				7.6					25	98			280	192
620426				7.6					30	107			340	204

O 02 KASKASKIA RIVER
BRIDGE AT COOKSHILLS 7 MI NORTH OF MATTOON --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
620418				7.7					34	108			320	192
620411				8.3					28	88			280	184
620404				8.1					24	72			288	188
620328				8.0					20	58			256	164
620322				7.4					16	8			120	76
620314				7.7					20	33			224	136
620308				7.6					30	69			268	192
620223				7.9					14	48			264	160
620215				7.9					21	85			268	176
620205				7.6					16	46			172	112
620130				7.4					16	48			172	96
620124				7.6					12	54			304	152
620118				7.2					28	58			304	116
620102				7.7					31	140			372	232
611214				7.8					44	79			376	196
611206				7.8					40	115			384	236
611129				7.8					30	103			354	220
611121				8.0					49	146			384	220
611113				7.9					32	100			370	240
611109				7.8					24	103			336	216
611101				7.3					30	115			288	154
611018				7.7					86	850			770	140
611011				7.7					120	390			620	170
611004				7.6					68	425			550	168
610927		17.2	5.0	7.6	5				92	600			580	132
610921		19.4	7.8	7.7	2				154	500			700	170
610913		26.1	8.2	7.8	3				126	550			810	164
610906		25.0	4.2	7.7	1				4	326			610	196
610824				7.6					80	316			550	224
610816				7.8					44	131			480	200
610809				7.7					40	117			390	240
610802		27.2	2.4	7.3	5				46	280			560	156
610726		25.0	3.0	7.5	4				33	230			416	166
610719		26.1	5.4	7.6	2				33	231			392	194
610712		23.9	4.8	7.8	2				31	146			356	212
610706		25.0	6.4	7.9	2				24	54			316	218
610629				7.2					17	125			320	232
610622		21.1	6.4	7.9	1				16	120			328	204
610614		22.8	4.6	7.8	1				16	54			256	168
610601		21.7	6.6	7.6	1				27	100			308	202
610511		15.0	7.4	6.9	2				7	3			116	76
610504		15.6	9.4	7.6					21	59			284	200
610420		14.4	13.0	8.1	2				44	130			332	200
610412		7.8	11.4	7.9	3				43	123			364	196
610406		8.9	11.0	8.0	2				40	116			336	188

O 02 KASKASKIA RIVER
BRIDGE AT COOKSHILLS 7 MI NORTH OF MATTOON --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
711201	0.098		10	0.20										
711020	0.555		160	0.20										
701021			410											

O 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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740911		24.4	5.5	7.5			0.9	733	8	150	0.20			

0 03 KASKASKIA RIVER
ROUTE 13 BRIDGE AT NEW ATHENS --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740807		24.4	2.0	7.0			0.3	250			0.10			
740731		25.6	3.3	7.4			0.3	250			0.10			
740606		23.3	5.6	7.3			1.4	300			0.30			
740509		14.4	10.9	7.8			1.1	750	26	150	0.40			
740411		7.2	10.2	7.9			1.6	650			0.30			
740320		7.8	9.9	7.9			3.0	367	21	47	0.40			
740130		4.4	10.9	7.4			1.2	333			0.40			
731211		1.1	11.8	8.0			0.7	400	19	42	0.20			
731119		10.0	9.9	7.7			0.8	467			0.30			
731017		16.7	8.6	7.9			0.8				0.10			
731002		20.6	7.3	7.9			0.9	433	17	43	0.30			
730905		25.6	6.5	8.0			0.9	417			0.20			
730724		27.2	6.7	8.0			1.0	383			0.30			
730626		25.6	5.8	7.7			0.8	300	17	53	0.40			
730522		18.3	7.9	8.0			0.9	350			0.60			
730426		16.1	4.8	7.5			0.4	233			0.30			
730327		9.4	9.2	7.8			1.9	417	23	59	0.50			
730220		1.1	12.5	8.0			3.2	450			0.70			
730122		2.8	11.0	7.7			1.0	350			0.50			
721130		3.3	11.8	7.6			0.7	417	30	59	0.40			
721102		13.9	6.7	7.3			0.3	130			0.20			
721023		12.8	9.8	7.9			0.5	500			0.60			
720918		24.4		8.0			0.4	483	33	70	0.60			
720823		26.7	3.0	7.3			0.1	383			0.40			
720703		23.9	6.8	7.7			0.0	500			0.30			
720601		19.4	6.9	8.0			1.1	467	32	61	0.40	65		
720503		15.6	7.2	7.6			0.1	450			0.50			
720412		9.4	9.2	7.6			0.7	767			0.63			
720309		5.0	11.3	7.9			1.6	593	33	69	0.60	60		
720105		2.2	12.4	8.2			0.4	432						
711115		12.8	10.4	7.6		15	0.0					110		
711018		18.3	10.0	7.8		10	0.0					100		
710804		24.4	7.2	7.6		18	0.0				0.10	150		
710609		26.1	8.3	7.7		37	0.2				0.40	280		
710421		20.6	9.9	7.7		46	0.0				0.90	190		
710309		5.0	12.6	7.8		31	0.2				1.30	160		
710126		2.8	13.5	8.5		43	0.0				0.70	15		
701007		19.4	7.5	7.7		22	0.0				0.90	240		
700811		23.9	6.5	7.5		13	0.0		22	132	0.60	140	184	128
700708		26.7	7.2	7.7		15	0.2				1.00	110		
700408		13.9	10.0	7.6		18	0.2				0.80	160		
700304		8.3	10.6	7.7		45	0.2				1.10	260		
700107		0.6	15.7	7.9		17	0.5				1.30	30		
691105		10.6	10.1	7.8		14	0.2				0.70	90		
690923		20.6	7.0	7.6		21	0.0				0.50	260		
690812		26.7	6.7	7.7		26	0.0				0.40	260		
690520		19.4	7.9	7.5		17	0.2				0.60	160		
690422		16.1	6.1	7.5		34	0.7				0.40	120		
690325		7.8	9.7	7.8		29	2.0				0.60	850		
690121		1.1	11.8	7.3		25	1.8				0.50	400		
681119		7.2	8.5	7.8		19	0.7				0.20	300		
681001		21.7	8.7	7.8		11	0.0				0.10	100		
680820		28.9	7.0	7.8		13	0.9		14	42	0.20	170	212	156
680710		26.1	6.6	8.0		14	1.6				0.20	170		
680521		18.3	8.0	7.8		21	0.9				0.40	180		
680409		12.8	8.0	7.7		16	1.8				0.40	250		
680103		0.6	10.9	7.2		16	0.2				0.10	57		
671114		9.4	11.4	7.4			0.0				0.20	95		
671004		21.7	10.7	7.8		11	0.0		52	19	0.20	210	220	152
670822		23.3		7.4		16					0.20	240		
670712		25.6	3.8	7.5	4				10	5	0.10	1500	82	60
670531		20.0	6.4	7.6	4				38	19	0.20	450	196	192
670426		13.3	7.9	7.9	4				32	19	0.30	170	208	200
670329		16.7	7.8	7.7	5				17	17	0.20	170	130	96
670111		2.2	12.8	7.7	1				54	23	0.30	45	284	212
661026		12.8	9.7	7.5	3				28	28	0.20	130	208	140
660831		26.7	10.4	7.7	5				24	9	0.00	120	206	154
660727		28.9	10.2	8.0	6				27	15	0.10	95	200	170
660608		23.9	7.1	7.7	2				30	20	0.50	130	296	236
660421		14.4	7.4	7.2	5				30	20	0.20	650	164	124
660301		5.0	11.7	7.5	2				42	42	0.20	45	316	208

0 03 KASKASKIA RIVER
ROUTE 13 BRIDGE AT NEW ATHENS --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	NBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
660104		7.8	8.2	8.0	4				8	23	0.20	530	162	88
651102		11.1	15.6	8.1	8				28	54	0.00	85	244	224
650727		28.3		8.4	6				34	46	0.20	55	212	176
650503		20.0	6.1	7.5	2				22	31	0.20	330	156	102
650216		4.4	10.8	7.5	5				42	46	0.23	653	164	144
641208		1.1	11.8	7.4	4				65	240	0.40	360	272	176
640922		22.2	6.3	7.6	1				80	123	0.10	63	273	176
640818		23.3	7.5	7.8	4				26	174	0.10	100	284	240
630715		25.6	4.5	7.8	4				14	48	0.20	1500	76	76
630114		1.1	12.4	7.8	3				120	98	0.33	23	293	184
620730		25.6	6.5	7.6	3				21	43		110	176	140
620123		2.8	8.5	7.1	3				23	55	0.33	25	156	92
601006		18.9	7.4	7.7	4				34		0.00	70	236	200
600112		7.8	12.0	8.0	1				138		2.00	30	288	172
593717		23.3	5.2	7.7	4				11		0.00	160	192	124

0 03 KASKASKIA RIVER
ROUTE 13 BRIDGE AT NEW ATHENS --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740911	0.100	0.000	1500	0.12	0.000	0.00	0.00	0.00	0.000	3.7	0.31	0.42	0.0	0.9
740807	0.100	0.005	450	0.28										
740731	0.160	0.005	500	0.07										
740606	0.480	0.010	530	0.15	0.000	0.00	0.00	0.04	0.000	12.0	0.31	0.25	0.0	
740509	0.390	0.020	150	0.05	0.000	0.00	0.00	0.01	0.000	0.8	0.01	0.50	0.0	0.3
740411	0.180	0.005	2500	0.15										
740323	0.200	0.005	120	0.10	0.000	0.00	0.00	0.00	0.000	2.2	0.00	0.10	0.4	0.2
740130	0.250	0.010	490	0.20										
731211	0.160	0.005	190	0.20	0.000	0.00	0.00	0.00	0.000	1.8	0.31	0.16	0.0	0.2
731119	0.240	0.005	80	0.10										
731017	0.200	0.010	230	0.05										
731002	0.120	0.000	210	0.10	0.000	0.00	0.00	0.00	0.000	1.2	0.00	0.18	0.0	0.2
730905	0.260	0.000	100	0.10										
730724	0.160	0.000	130	0.15										
730626	0.360	0.005	300	0.15	0.000	0.00	0.00	0.00	0.000	4.3	0.01	0.25	0.2	0.2
730522	0.120	0.008	20	0.10										
730426	0.240	0.008	100	0.25										
730327	0.220	0.007	300	0.48	0.000	0.00	0.00	0.05	0.000	2.5	0.03	0.10	0.0	0.2
730223	0.200	0.000	10	0.18										
730122	0.390	0.008	1200	0.53										
721130	0.240	0.000	220	0.15	0.000	0.00	0.00	0.07	0.000	2.0	0.31	0.17		0.2
721102	0.760	0.010	26000	0.55										
721023	0.160	0.005	50	0.20									0.0	
720918	1.200	0.000	60	0.38	0.000	0.00	0.00	0.20	0.000	2.3	0.02	0.40	0.5	0.2
720823	0.310	0.005	410	0.33									0.0	
720703	0.040	0.000	20	0.17									0.4	
720601	0.050	0.000	210	0.24	0.000	0.00	0.00	0.07	0.000	2.7	0.05	0.08		0.3
720503	0.070	0.000	100	0.08										
720412	0.320	0.000	0	0.23										
720309	0.030	0.000	100	0.20				0.07	0.005	2.5		0.42		
720105	0.190	0.000	150	0.40										
711115	0.033		1000	0.10										
711018	0.131		100	0.10										
700811		0.000	240		0.000	0.00	0.00	0.00	0.000	0.1	0.00	0.20		0.2
690812		0.000	20		0.000	0.00	0.00	0.00	0.000	0.0	0.00			0.3
680820	0.131	0.008	140	0.33	0.000	0.00	0.00	0.00	0.000	0.1	0.00	0.00		0.3
671004	0.065	0.008		1.00	0.000	0.00	0.00	0.00	0.000	0.1	0.00	0.10		0.2

0 03 KASKASKIA RIVER
ROUTE 13 BRIDGE AT NEW ATHENS —CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740911		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
740606		0.001	0.1				0.0	0.00	0.000	0.1				
740509		0.003	0.0	0.2			0.0	0.00	0.000	0.0				
740320		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
731211		0.000	0.0	0.0			0.0	0.00	0.000	0.0				
731002		0.000	0.2	0.1			0.0	0.00	0.000	0.0				
730626		0.000	0.2	0.0			0.0	0.00	0.000	0.0				
730327		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
721130							0.0			0.0				
720918		0.000	0.1	0.2			0.2	0.00	0.000	0.1				
720601			0.0				0.0		0.000	0.0				
720309						0.12								
700811			0.0				0.0			0.0				
690812		0.000	0.0				0.0			0.0				
680820		0.000	0.0				0.0			0.0				
671004		0.000	0.0				0.0			0.0				

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740801	4330	23.0	1.7	8.2			1.7	333			0.20			
740717	4320	26.7	3.3	8.3			1.9	333	15	50	0.20			
740610	4040	18.9	8.8	7.9			0.9	667			0.50			
740507	2820	14.4	9.3	7.7			0.9	667			0.30			
740415	7490	6.1	10.4	8.9			3.0	417			0.30			
740327	9830	15.6	10.6	7.6			0.1	217			0.01			
740228	10000	0.3	13.7	7.9			2.6	400			0.30			
740131	8480	5.6	13.5	7.7			2.1	400	25	43	0.70			
740102	2420		15.7	7.9			1.1	417			0.40			
731121	1100	8.9	11.8	8.4			0.9	417			0.20			
731017	155	16.7	9.1	8.0			1.0				0.20			
730904	2360	26.7	7.9	8.1			0.7	400			0.20			
730726	4350	25.6	6.9	7.7			1.1	317			0.50			
730620	4080	26.1	8.2	7.8			1.4	367			0.60			
730521	6080	18.3		8.4			1.4	350			0.50			
730416	4800	10.0	12.2	8.1			1.7	250			0.50			
730320	1700	8.3	11.5	8.2			2.7	433			0.70			
730227	7440	2.2	15.4	8.5			4.1	533			0.90			
730131	8660	2.8	14.1	7.9			1.6	350			0.50			
730102	2540	1.7	15.3	7.9			1.7	617			0.60			
721114	3390	7.8	12.0	8.1			0.7	433			0.50			
721019	770	8.0	10.8	8.2			0.5	467	33	50	0.50			
720921	354	23.3	7.9	8.2			0.5	483			0.30			
720822	300	23.9	7.0	7.4			0.5	433			0.60			
720802	204	25.0	7.1	8.1			0.2	450			0.40			
720606	94	23.9	6.4	8.3			0.4	500	32	70	0.30	15		
720503	1560	15.6	10.4	8.5			0.1	500			0.70			
720413	65	15.6	5.5	7.6			1.0	383			0.63			
720315	1100	6.7	12.1	8.4			2.2	467			0.70	35		
720224	3940	2.8	15.3	7.8			1.4	530	26	35	0.60	8		
720117	3480	1.1	15.4	7.7			0.7	353						
711115	66	15.6	9.9	7.4		39	0.0					40		
711018	57	18.9	8.4	8.1		4	0.0					25		
710804	2010	24.4	9.2	7.7		20	0.0				0.10	25		
710610	57	23.3	4.9	7.5		35	0.0				0.50	170		
710422	55	15.6	10.5	7.8		42	0.2				1.20	120		
710310	2940	3.9	14.2	7.9		28	0.0				1.10	80		
710127	1590	2.2	15.3	8.6		35	0.0				0.70	15		
701008	312	19.4	8.0	8.0		21	0.0				0.70	50		
700812	218	24.4	6.6	7.8		15	0.2		20	22	0.60	70	164	128
700709	4090	25.0	8.6	7.6		15	0.2				0.90	75		
700409	54	13.3	14.1	8.1		15	0.2				0.80	65		
700305	1940	7.2	13.8	7.9		20	0.5				1.20	50		

0 07 KASKASKIA RIVER
ROUTE 127 BRIDGE 3 MI SOUTH OF CARLYLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
700108	542	0.6	17.1	8.3		15	0.7				1.30	25		
691106	3590	10.6	11.5	7.9		14	0.2				0.80	55		
690924	1660	19.4	8.8	7.8		21	0.0				0.40	130		
690813	2420	26.7	8.5	8.2		20	0.0				0.30	100		
690521	3500	19.4	9.4	7.9		20	0.5				0.60	35		
690423	2550	14.4	11.1	7.8		16	2.7				0.80	65		
690326	1300	6.7	12.2	8.3		22	3.2				0.80	450		
690122	582	4.4	13.5	7.4		15	1.8				0.60	60		
681120	424	5.0	12.3	8.0		10	0.2				0.30	65		
681002	1000	20.6	7.8	7.8		13	0.5				0.20	70		
680821	875	27.8	6.5	7.8		14	0.9		30	93	0.10	50	212	168
680711	3390	26.1	7.8	8.1		13	1.8				0.20	70		
680522	50	17.2	7.9	7.8		12	0.9				0.40	140		
680410	3000	12.8	9.6	7.7		15	2.0				0.50	260		
680228	7280	2.2	13.8	7.7		13	3.4				0.50	39		
680104	7460	0.6	14.0	7.5		15	0.5				0.10	110		
671115	46	6.1	12.0	7.7			0.0				0.10	33		
671005	43	20.6	8.4	8.0		12	0.0		36	11	0.10	100	172	200
670823	1180	25.0		7.8		16					0.20	85		
670713	1350	24.4	7.0	7.6	4				34	11	0.10	110	212	156
670601	2510	17.2	9.1	7.8	4				36	19	0.20	85	204	180
670427	53	12.2	10.0	7.7	4				42	22	0.20	60	276	212
670330	6260	15.6	8.3	7.7	1				22	17	0.40	120	200	244
670112	692	1.1	14.9	7.7	0				60	128	0.30	20	344	228
661027	61	11.1	9.0	7.5	3				144	49	0.30	60	312	168
660901	66	25.6	6.2	7.8	3				58	11	0.00	110	194	152
660728	85	28.9	4.6	7.9	2				34	15	0.20	125	236	192
660609	1110	24.4	7.8	7.7	2				32	19	0.40	60	304	232
660421	2360	14.4	9.5	7.3	4				42	28	0.00	170	240	160
660301	1020	5.0	13.0	7.8	1				42	43	0.00	7	360	260
660104	3920	6.7	9.7	8.1	1				9	19	0.30	280	174	140
651102	298	12.2	12.8	8.1	6				42	54	0.00	30	296	240
650727	208	26.7	5.5	8.1	3				46	45	0.40	120	244	224
650503	5060	18.9	6.0	7.5	1				24	32	0.20	190	204	124
650216	1140	3.9	12.3	7.5	3				60	66	0.20	330	208	176
641208	110	1.7	11.1	7.5	2				16	120		400	204	144
640922	47	23.3	5.1	7.5	2				100	176	0.10	100	290	160
640810	47	25.6	6.7	7.8	2				28	82	0.20	120	316	244
630715	190	24.4	5.2	7.3	4				20	75	0.20	1000	140	76
630114	45	1.1	13.5	7.9	3				86	66	0.30	18	324	220
620730	390	25.6	6.4	7.8	2				22	60	0.10	160	248	182
620123	3100		8.8	7.2	3				28	65	0.20	8	270	144
601006	76	20.0	6.3	7.9	3				35		0.00	85	288	236
600112	515	7.8	11.6	8.2	2				147		0.00	12	364	164
590716	112	21.1	5.2	8.3	3				35		0.00	130	272	228
580710	1100	24.4	6.0	7.9	1				50	48		600	242	176

0 07 KASKASKIA RIVER
ROUTE 127 BRIDGE 3 MI SOUTH OF CARLYLE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740801	0.120	0.005	10	0.07										
740717	0.150	0.000	0	0.20	0.000	0.00	0.00	0.00	0.000	0.2	0.02	0.02	0.0	0.2
740610	0.110	0.010	3900	0.10										
740507	0.280	0.010	2600	0.15										
740415	0.190		10	0.10										
740327	0.240	0.010	100	0.20										
740228	0.180	0.005	60	0.15										
740131	0.150	0.000	30	0.15	0.000	0.00	0.00	0.00	0.000	0.9	0.01	0.08	0.2	0.2
740102	0.320	0.005	2200	0.10										
731121	0.080	0.000	250	0.00										
731017	0.140	0.015	1310	0.10										
730904	0.100	0.000	10	0.10										
730726	0.080	0.000	400	0.15										
730620	0.060	0.005	290	0.10										
730521	0.100	0.007	40	0.25										

0 07 KASKASKIA RIVER
ROUTE 127 BRIDGE 3 MI SOUTH OF CARLYLE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
730416	0.160	0.007	60	0.28										
730320	0.140	0.008	400	0.30										
730227	0.130	0.008	10	0.27										
730131	0.140	0.000	10	0.25										
730102	0.130	0.000	10	0.23										
721114	0.090	0.007	490	0.15										
721019	0.140	0.000	80	0.18	0.000	0.00	0.00	0.10	0.000	0.3	0.02	0.12	0.0	0.2
720921	0.150	0.000	440	0.01									0.0	
720822	0.070	0.005	150	0.16									1.0	
720802	0.080	0.015	40	0.15									0.3	
720606	0.050	0.000	50	0.08	0.000	0.00	0.00	0.04	0.000	1.0	0.03	0.61		0.2
720503	0.060	0.000	100	0.05										
720413	0.140	0.015	3500	0.70										
720315	0.030	0.008	110	0.20										
720224	0.010	0.000	70	0.20					0.000	1.6		0.06		
720117	0.140	0.000	10	0.30										
711115	0.294		100	0.10										
711018	0.033		100	0.10										
700812		0.000	8300		0.000	0.00	0.00	0.00	0.000	0.1	0.00	0.10		0.2
690813		0.000	240		0.000	0.00	0.00	0.00	0.000	0.0	0.00			0.5
680821	0.065	0.008	140	0.20	0.000	0.00	0.00	0.00	0.000	0.1	0.00	0.10		0.3
671005	0.033	0.000		0.70	0.000	0.00	0.00	0.07	0.000	0.1	0.00	0.00		0.2
580710				0.00						0.2		0.40		0.3

0 07 KASKASKIA RIVER
ROUTE 127 BRIDGE 3 MI SOUTH OF CARLYLE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740717		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
740131		0.000	0.2	0.1			0.0	0.00	0.000	0.0				
721019		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
720606			0.0				0.0		0.000	0.0				
720224						0.06								
700812			0.0				0.0			0.1				
690813		0.000	0.0				0.0			0.1				
680821		0.000	0.0				0.0			0.0				
671005		0.000	0.0				0.0			0.0				

0 08 KASKASKIA RIVER
US 51 BRIDGE AT VANDALIA
LAB: MARION 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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740919	2110	24.4	10.4	7.5			1.5	350			0.20			
740821	2050	23.3	1.6	7.7			0.5	617	8	75	0.20			
740716	3120	30.6	2.1	8.0			5.5	383			0.40			
740603	9320	21.1	7.5	7.0			2.8	267			0.50			
740506	1170	20.6	11.5	8.3			4.5	567	30	51	0.50			
740410	7490	7.2	10.1	7.6			1.5	267			0.30			
740226	6770	0.0	13.5	7.8			5.5	383	18	37	0.60			
740124	8130	5.6	10.8	8.0			1.6	267			0.30			
731126	4260	8.9	9.1	7.7			1.8	400	34	40	0.30			
731016	240	14.4	8.7	8.1			1.3				0.10			
730925	1630	20.6	8.0	8.1			2.2	450			0.50			
730731	2930	26.1	6.9	8.0			2.8	400	17	47	0.40			
730711	1860	26.1	7.2	8.0			4.2	500			1.30			
730621	8200	26.1	5.1	7.4			2.4	217			0.40			
730521	2160	16.7		8.3			5.1	550	26	48	1.00			
730416	2820	11.7	10.1	8.2			4.2	550			1.00			

0 08 KASKASKIA RIVER
US 51 BRIDGE AT VANDALIA --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND OMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
730320	1910	6.1	10.9	7.8			1.9	550			0.70			
730227	3260	2.2	13.4	8.2			4.8	550	28	38	1.00			
730201	3880	1.7	13.6	8.0			6.0	583			1.00			
721128	2940	4.4	11.5	8.2			2.3	517			0.70			
721115	6320	5.6	8.9	7.6			1.6	300			0.50			
721019	1020	12.8	9.6	8.2			3.2	500			0.80			
720921	240	23.9	6.9	8.1			2.6	483			0.70			
720816	227	26.7	5.7	7.8			1.4	383			0.60			
720705	334	20.0	9.1	8.3			3.8	550	25	70	0.90	45		
720605	272	22.8	8.0	8.3			2.9	633			0.60			
720503	800	15.6		8.3			3.0	650			0.80			
720412	3620	14.4	6.2	7.6			1.4	450	51	60	0.68	580		
720315	526	6.7	10.0	8.0			2.7	915			0.73	45		
720306	1130	6.1	12.5	8.1			11.0	593	38	55	1.10	10		
720117	3720	0.6	14.5	7.7			1.3	100						
711129	111	5.0	11.9	8.0		13	0.2					25		
711026	80	18.3	7.8	7.9		30	0.0					90		
710920	145	18.9	10.9	8.1		15	0.0					25		
641209	74	1.7	12.1	7.1	2				36	180	0.30	110	236	184
640818	26	26.7	8.8	8.0	3				22	108	0.40	90	312	236
620116	6300			7.6					27	58			220	140
620104	1040			7.9					38	100			232	340
611206	865			8.0					50	95			350	236
611121	565			7.9					43	80			320	228
611101	271			7.8					28	205			256	180
610904	96			7.7					42	51			320	256
610824	186			7.8					39	81			336	242
610803	1250			7.3					29	23			158	122
610608	640			8.0					28	85			296	220
610523	1750			7.8					24	69			280	204
610503	2550			7.9					26	42			248	184
610429	2710			7.7					19	54			216	142
610411	715			8.0					58	308			332	200
610407	640			7.9					35	85			320	288
610401	1090			7.9					32	85			292	212
610321	3150			7.8					24	66			206	134
610315	6300			7.3					18	11			124	90
610310	1430			7.3					36	54			212	134
600915	93	23.0	5.7	7.9	0				22		0.00	75	284	188
600125	350	1.1	12.1	8.2	2				149		0.00	17	360	244
590716	85	22.2	4.6	8.3	5				28		0.00	130	294	250
581001	148	13.3	9.2	8.1	3		0.2		34	71		55	318	276
580716	6480	22.2	5.7	7.5	3		0.7		17	13		1000	83	66

0 08 KASKASKIA RIVER
US 51 BRIDGE AT VANDALIA --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740919	0.130	0.005	100	0.07										
740821	0.080	0.010	0	0.00	0.000	0.00	0.00	0.00		0.6	0.01	0.45	0.0	0.1
740716	0.160	0.005	980	0.15										
740603	0.450	0.010	1700	0.20										
740506	0.110	0.010	710	0.05	0.000	0.00	0.00	0.00	0.000	0.8	0.01	0.10	0.0	0.1
740410	0.430	0.005	3500	0.35										
740226	0.240	0.005	340	0.20	0.000	0.00	0.00		0.000	2.6	0.02	0.05	0.0	0.2
740124	0.460	0.000	2400	0.40										
731126	0.620	0.005	34000	0.30	0.000	0.00	0.00	0.00	0.000	7.4	0.05	0.55	0.2	0.2
731016	0.160	0.010	1000	0.22										
730925	0.120	0.000	840	0.10										
730731	0.340	0.005	3400	0.10	0.000	0.00	0.00	0.00	0.000	4.6	0.01	0.46		0.2
730711	0.100	0.005	10	0.10										
730621	0.540	0.050	2100	0.55										
730521	0.350	0.007	100	0.15	0.000	0.00	0.00	0.12	0.000	0.6	0.06	0.12	0.3	0.2
730416	0.110	0.008	30	0.20										
730320	0.200	0.007	1100	0.25										
730227	0.410	0.000	450	0.30	0.000	0.00	0.00	0.05	0.000	1.0	0.00	0.10	0.3	0.2

0 08 KASKASKIA RIVER
US 51 BRIDGE AT VANDALIA --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
730201	0.140	0.000	10	0.15										
721128	0.100	0.000	660	0.20										
721115	0.350	0.010	59000	0.24	0.000	0.00	0.00	0.17	0.000	3.5	0.02	0.22		
721019	0.050	0.000	120	0.13									0.0	
720921	0.400	0.010	21000	0.01									0.0	
720816	0.260	0.005	15000	0.09									0.0	
720705	0.060	0.005	170	0.23	0.000	0.00	0.00	0.04	0.000	1.3	0.02	0.24		0.2
720605	0.090	0.000	90	0.08										
720503	0.070	0.000	100	0.05										
720412	0.040	0.015	7600	0.15	0.000	0.00	0.00	0.14	0.000	2.5	0.09	0.48		0.2
720315	0.080	0.000	3000	0.20										
720306	0.070	0.000	10	0.10						0.3		0.07		
720117	0.140	0.000	100	0.10										
711129	0.489		7000	0.70										
711026	0.848		1100	0.80										
710920	0.228		900	0.10										
581001				0.20						1.0		0.80		0.3
580716				0.00						0.4		0.30		0.4

0 08 KASKASKIA RIVER
US 51 BRIDGE AT VANDALIA --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	COLOR UNITS
740821		0.000	0.1	0.2			0.0	0.00	0.000	0.0				
740506		0.000	0.0	0.0			0.0	0.00	0.000	0.0				
740226		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
731126		0.000	0.0	0.0			0.0	0.00	0.000	0.0				
730731		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
730521		0.000	0.0				0.0	0.00	0.000	0.0				
730227										0.0				
721115							0.0			0.1				
720705			0.0		0.00		0.0		0.000	0.0				
720412			0.2				0.1		0.000	0.2				

0 09 KASKASKIA RIVER
COUNTY ROAD BRIDGE 6 MI SOUTH OF HERRICK
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711129		5.0	12.3	7.9		16	0.2					25		
711026		17.2	8.6	8.0		20	0.0					55		
710920		18.3	8.8	7.6		15	0.2					60		
641209		2.2	12.4	7.7	2				40	200	0.40	70	330	212
620104				7.9					28	85			336	232
611206				8.0					28	83			340	232
611121				8.0					33	70			292	232
611101				7.9					28	216			284	172
610930				7.8					32	49			332	266
610803				7.3					14	25			200	159
610608				8.1					22	85			296	212
610523				7.9					19	69			280	208
610500				7.9					16	40			256	184
610429				7.6					15	52			216	154
610411				8.0					25	270			300	208
610407				8.1					25	85			308	224
610401				7.9					26	69			296	208
610321				7.8					15	49			200	138
610315				7.4					16	32			180	124
610310				7.5					24	43			212	154

O 09 KASKASKIA RIVER
COUNTY ROAD BRIDGE 6 MI SOUTH OF MERRICK --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
711129	0.065		10	0.20										
711026	0.228		300	0.10										
710920	0.326		0	0.20										

O 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 OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740917	1870	21.1	8.7	8.2			2.9	433			0.30			
740822	1920	22.8	7.9	8.1			3.4	433			0.60			
740722	2720	21.1	8.7	8.0			4.6	467	11	27	0.60			
740521	2610	20.6	8.5	8.1			5.3	567			0.70			
740411	1430	11.7	10.7	8.2			5.3	700	14	40	0.60			
740320	3550	8.3	12.1	8.4			5.9	583			0.40			
740221	5380	4.4	13.6	8.4			5.4	417			0.60			
740124	2370	3.9	11.7	8.1			3.1	333	14	32	0.40			
731211	1570	5.6	13.6	8.6			2.1	422			0.50			
731114	88	14.4	11.6	8.5			1.3	467	14	31	0.40			
731004	1250	21.7	7.8	8.3			2.0	417			0.30			
730911	2070	23.9	7.5	8.2			2.3	533			0.30			
730806	2200	24.4	6.7	8.1			2.8	433	14	35	0.50			
730702	2020	22.8	7.8	8.2			4.4	450			0.90			
730607	1570	18.9	8.3	8.3			5.7	467	17	38	0.70			
730514	1980	15.0	9.9	8.6			5.8	667			0.80			
730418	2230	11.7	11.0	8.3			5.7	530	18	48	1.00			
730306	1620	8.3	11.3	8.0			5.0	517			0.90			
730206	3790	3.9	14.3	8.2			6.2	550			1.20			
721218	2020	3.3	14.0	8.1			4.2	567			1.10			
721116	2430	10.0	11.3	8.6			3.2	483			1.00			
721102	2990	14.4	7.6	7.6			1.4	250			0.40			
721023	664	13.9	9.2	8.2			3.0	483	23	52	0.80			
720905	252	21.1	7.8	8.1			3.2	500			0.65			
720821	103	30.0	9.0	8.4			2.6	533			0.60			
720804	302	23.3	6.4	8.0			1.0	217			0.40			
720718	290	25.6	8.0	8.3			5.3	550			1.10			
720613	175	23.9	8.9	8.2			5.2	517	23	60	1.30	15		
720517	1190	16.1	9.0	8.2			6.3	567			1.50			
720412	630	13.3	12.0	8.3			5.1	467	22	43	0.80	12		
720216	700	2.8	11.9	7.7			5.1	350	100	45	1.25	15		
711129	80	5.6	11.8	7.8		16	0.2					25		
711026	45	16.7	8.1	8.1		14	0.0					35		
710920	133	17.2	8.1	7.5		17	0.2					25		
610321				7.6					14	66			188	128
610315				7.5					20	42			200	140
610310				7.6					37	52			268	170
600615		20.6	2.4	7.9	2				20	70	1.00	190	296	220
600125		1.1	14.8	8.2	2				104			12	384	246
600115		20.0	6.3	8.2	0				29		0.00	70	300	224
581001		13.3	9.6	8.2	2				28			30	360	292
580716		23.3	6.0	7.8	1				12			300	148	106

O 10 KASKASKIA RIVER
ROUTE 128 BRIDGE 2 MI SOUTHEAST OF COWDEN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740917	0.100	0.000	280	0.00										
740822	0.040	0.000	100	0.10										
740722	0.120	0.000	0	0.00	0.000	0.00	0.00	0.00	0.000	1.3	0.00	0.08	0.0	0.2
740521	0.220	0.000	500	0.30										

0 10 KASKASKIA RIVER
ROUTE 128 BRIDGE 2 MI SOUTHEAST OF COWDEN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740411	0.130	0.000	100	0.10	0.000	0.00	0.00	0.00	0.000	1.8	0.00	0.13	0.0	0.3
740320	0.150	0.000	400	0.10										
740221	0.160	0.000	100	0.20										
740124	0.380	0.000	300	0.60	0.000	0.00	0.00	0.00	0.000	6.0	0.02	0.18	0.0	0.2
731211	0.050	0.005	0	0.10										
731114	0.030	0.000	0	0.00	0.000	0.00	0.00	0.00	0.000	0.3	0.00	0.08	0.2	0.3
731004	0.090	0.000	430	0.10										
730911	0.080	0.000	80	0.10										
730806	0.180	0.000	70	0.20	0.000	0.00	0.00	0.00	0.000	0.2	0.01	0.25	0.0	0.2
730702	0.090	0.000	10	0.10										
730607	0.110	0.010	100	0.10	0.000	0.00	0.00	0.00	0.000	0.9	0.00	0.12	0.0	0.3
730514	0.100	0.000	60	0.00										
730418	0.090	0.003	0	0.00	0.000	0.01	0.00	0.00	0.000	0.1	0.00	0.02	0.0	0.2
730306	0.300	0.000	200	0.20										
730206	0.120	0.000	0	0.00										
721218	0.120	0.003	0	0.00										
721116	0.040	0.000		0.10									0.0	
721102	0.540	0.009	27000	0.51										
721023	0.030	0.000	1500	0.00	0.000	0.00	0.02	0.06	0.000	0.4	0.01	0.10	0.0	0.2
720905		0.006	2300	0.20									0.0	
720821	0.000	0.007	140	0.10									0.0	
720804	0.240	0.006	76000	0.50									0.0	
720718	0.000	0.002	240	0.20									0.0	
720613	0.050	0.001	210	0.10	0.000	0.00	0.00	0.06	0.000	0.1	0.00	0.03		0.2
720517	0.140	0.010	0	0.00									0.0	
720412	0.010	0.000	0	0.00		0.00	0.00	0.09	0.000	0.2	0.00	1.00	0.0	0.4
720216	0.100		10	0.10	0.000	0.00	0.00	0.05	0.000	0.4	0.27	1.00		0.2
711129	0.033		30	0.40										
711026	0.261		100	0.10										
710920	0.392		100	0.10										

0 10 KASKASKIA RIVER
ROUTE 128 BRIDGE 2 MI SOUTHEAST OF COWDEN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740722		0.000	0.0	0.1	0.00		0.0	0.00	0.000	0.0				
740411		0.000	0.0	0.1	0.00		0.0	0.00	0.000	0.0				
740124		0.000	0.1	0.8	0.00		0.0	0.00	0.000	0.0				
731114		0.000	0.0	0.3	0.00		0.0	0.00	0.000	0.0				
730806		0.000	0.1	0.3	0.00		0.0	0.00	0.000	0.0				
730607		0.000	0.1	0.5	0.00		0.0	0.00	0.000	0.0				
730418		0.000	0.1	0.1	0.00		0.0	0.00	0.000	0.0				
721023		0.000	0.1	0.0	0.02		0.0	0.00	0.000	0.0				
720613					0.00		0.0			0.0				
720412					0.00		0.0			0.5				
720216					0.00	0.30	0.1			0.0		500		

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740923	1830	18.9	9.8	8.3			2.9	433	10	28	0.70			
740826	1850	23.3	9.2	8.3			3.2	450			0.60			
740619	2180	21.1	9.4	8.3			5.3	517	13	32	0.60			
740509		13.9	11.1	8.5			5.9	583			0.50			
740416	752	10.0	12.2	8.5			6.5	583			0.70			
740321	3210	7.2	12.6	8.4			6.2	550	15	35	0.40			
740221	4840	3.9	15.6	8.5			5.6	417			0.60			
740124	818	2.2	12.0	8.3			3.7	517			0.60			

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
731211	1580	6.1	13.4	8.5			2.0	422			0.50			
731114	70	13.9	10.4	8.3			2.1	417			0.40			
731004	1170	21.7	8.4	8.2			2.0	417			0.30			
730911	2030	23.9	8.0	8.2			2.2	517			0.30			
730806	2100	23.9	8.8	8.1			2.5	433			0.50			
730725	1400	24.4	9.3	7.9			3.0	483			0.40			
730702	1810	22.8	9.2	8.1			4.4	433	14	31	0.90			
730514	1820	15.0	10.9	8.6			5.9	650			0.80			
730418	1760	11.1	12.4	8.4			6.2	530			1.10			
730306	928	7.8	13.2	8.4			5.7	500	17	40	1.00			
730206	3670	3.3	15.4	8.2			6.2	550			1.30			
730118	2960	3.3	15.5	8.1			6.4	583			1.40			
721218	1780	2.8	15.4	8.1			4.2	550	19	48	1.10			
721116	1860	10.0	12.5	8.7			2.7				0.93			
721005	1830	21.7	10.5	8.3			3.1	467			0.80			
720913	164	25.0	7.8	7.8			3.0	467	23	58	0.73			
720905	217	22.8	9.8	8.0			2.8	517			0.60			
720821	109	22.8	7.7	7.7			2.4	550			0.60			
720726	290	21.1	8.5	8.2			3.8	533	23	59	1.30	13		
720718	293	22.2	8.4	8.1			5.2	550			1.20			
720613	157	20.0	10.2	8.0			6.3	567			1.30			
720517	1180	15.6	9.9	7.9			6.4	567			1.60			
720410	139	11.1	12.5	8.4			7.6	467			1.30			
720216	529	3.9	12.9	7.4			5.7	400			1.15	3		
711202	97	7.2	11.4	8.2		6	0.2							
711020	25	18.9	9.0	7.8		8	0.2							
710811	1740	23.9	8.3	7.7		122	0.2				3.80			
701021	5.9		2.6		1				31	140			320	205
680131	5350				3									
671129	65	1.7	13.0	7.8	3				74	45			384	268
671018	20	12.2		7.8	5				60	100			430	216
670920	13	26.1	11.6	7.3	6				50	38			284	256
670816	64	25.6	10.0	7.8	5				34	22			284	204
670719	132	24.4		8.4	3				35	25			364	284
670614	825	25.0	6.0	7.6	2				28	11			292	252
670503	435	11.7	10.6	7.9	3				38	27			336	244
670223	490	0.0	12.2	7.7	3				34	30			348	240
661228	609	1.1	11.2	7.8	4				26	19			296	244
661139	19	15.6	5.6	7.6	3				150	49			480	244
661005	9.0	14.4	10.2	7.9	4				44	68			330	164
660914	5.5	23.3	9.2	7.8	3				53	54			472	204
660713	60	30.0	9.6	7.7	9				38	49			280	224
660615	264	21.1	7.8	7.7	2				30	49			360	268
660413	508	7.8	8.4	7.5	3				22	54			332	248
660223	442	2.2	11.0	7.8	1				12	49			364	256
660126	200	0.0	9.6	8.6	3				30	85			376	284
660112	528		12.0	8.3	2				26	25			360	276
651214	109	9.4	9.8	7.6	2				44	65			400	268
651117	114	8.9	9.6	8.3	1				40	58			372	272
651103	159	11.1	10.8	7.6	1				40	65			370	264
651020	277	17.2	8.0	7.7	2				8	46			332	256
650929	1380	16.7	7.2	8.5	1				16	107			284	232
650915	112	21.1	6.0	7.7	9				18	23			152	126
650818	19	25.0	5.2	7.6	3				20	32			260	248
650706	300	23.3	5.6	7.5	1				80	33			344	164
650616	692	21.1	6.4	7.7	1				32	46			252	224
650601	452	19.4	6.0	7.8	2				46	100			244	236
650512	729	17.8	6.8	7.1	2				42	54			284	244
650428	2850	10.0	8.4	7.4	2				22	19			240	164
650310	628	3.9	10.4	8.2	3				32	89			304	168
650210	840	5.6	9.0	7.8	3				36	31			224	200
650120	40	0.6	10.0	7.5	5				82	323			530	264
650105	205	3.9	7.4	7.6	3				72	210			310	236
641228	15	1.7	8.0	7.5					262	460			620	252
641216	21	3.9	9.4	7.4					360	420			380	228
641209	28	1.1	10.6	7.3					60	240			390	208
641202	41	0.6	10.4	7.4					36	480			370	148
641118	35	12.2	4.0	7.3					40	335			430	200
641112	1.6	13.9	5.2	7.4					60				630	208
641104	1.8	11.7	3.2	7.4					42	580			510	208
641015	4.4	12.8	7.0	7.0					37	405			400	184

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
640930	3.3	17.8	5.6	7.6					430	440			470	200
640923	8.9	22.2	5.8	7.7					105	280			500	280
640916	2.6	20.0	7.8	7.9					480	460		10	540	264
640909	3.3	25.0	7.6	7.8					410	338		10	530	244
640902	21	25.0	5.8	7.6					220	220		10	332	152
640826	5.7	23.3	5.6	6.9					230	287		10	440	188
640819	2.8	22.2	9.8	7.7					210	303		10	380	224
640805	5.4	27.8	7.8	8.1	3				52	196			360	296
640715	46	25.6	11.0	8.2					64	50			304	224
640708	118	24.4	5.4	7.5					16	169			216	168
640701	112	26.7	7.4	7.9	2				20	50			280	192
640611	124			8.3					29	32			316	232
640513	534			7.4					16	35			292	200
640429	3330			7.4					18	19			224	148
640330	1180			7.9					24	60			272	200
640226	135			8.2					70	54			324	212
640220	114			8.0					58	43			356	248
640213	111			7.2					24	123		9	352	204
640205	71			8.2					42	33			288	188
640122	76			7.3					16	39			252	240
640108	18			7.7					82	155			590	384
640102	4.0			7.4					86	175			580	352
631227	4.0			7.5					68	340			620	320
631211	23			7.5					38	63			254	264
631204	20			7.8					52	231			412	200
631120	3.0			7.6					43	85			390	264
631113	4.8			7.9					50	60			380	320
631030	13			7.9					54	60			360	324
631023	14			7.7					46	70			380	280
631016	9.0			7.9					58	62			400	320
631009	5.7			7.9					48	46			380	320
631001	18			7.6					38	98			356	304
630925	28			7.6					21	58			284	236
630918	24			8.0					36	38			328	176
630912	44			7.8					18	50			268	216
630829	282			7.9					8	55			280	124
630821	1280			7.5					10	40			176	124
630813	1320			6.8					6	14			112	84
630807	31			7.4					17	43			272	184
630731	63			6.4					16	90			248	184
630724	79			7.8					20	50			232	220
630709	380			7.6					7	35			208	164
630701	82			7.7					16	50			268	260
630626	105			7.8					14	46			320	256
630620	256			7.7					10	63			256	196
630613	269			7.6					28	46			240	216
630605	376			8.1					19	48			320	264
630528	145			8.0					7	40			248	244
630522	204			7.7					23	55			308	232
630515	200			7.3					54	123			216	176
630501	622			7.4					14	27			248	172
630424	323			8.2					18	41			316	236
630417	400			7.8					68	50			288	232
630410	756			8.0					13	46			304	220
630403	1680			7.6					26	65			232	148
630327	864			7.5					29	110			296	224
630320	1680			7.6					19	39			228	168
630313	1440			7.8					22	85			224	152
630306	2410			7.0					18	43			100	64
630228	25			7.6					84	215			490	320
630219	40			7.3					180	724			640	184
630213	40			7.4					165	508			490	268
630207	28			7.5					98	308			500	332
630131	6.0			7.4					128	310			510	160
630122	8.0			7.7					148	662			600	272
630117	35			7.8					126	250			600	320
630109	26			7.7					132	462			500	264
630103	17			7.7					112	340			540	224
621226	20			7.9					80	460			560	352
621205	35			7.5						115			424	216
621128	35			7.2					82	245			540	240

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
621120	46			7.3					70	240			212	256
621113	28			7.7					122	310			492	240
621107	23			7.4					78	162			470	256
621101	16			7.8					42	135			400	244
621017	10			7.4					56	130			408	228
621010	20			7.7					39	96			320	206
620906	31			8.0					23	113			312	240
620725	310			8.0					18	70			338	224
620718	635			7.4					28	57			280	200
620711	204			7.7					17	51			280	196
620628	204			8.0					23	96			280	212
620621	360			7.7					19	77			312	232
620613	1120			7.8					18	42			240	184
620605	336			7.9					18	34			300	220
620531	504			7.3					73	66			304	208
620524	721			7.8					15	58			260	196
620517	1120			7.6					16	55			272	188
620510	735			7.5					19	63			266	192
620426	416			7.8					22	45			320	216
620418	552			7.6					24	71			292	204
620411	848			8.1					21	96			284	204
620404	936			7.8					19	47			304	196
620328	2760			7.9					20	48			240	164
620314	2340			7.4					15	29			244	150
620308	1040			8.0					20	57			285	176
620223	2040			7.7					6	46			244	148
620215	1360			7.9					20	155			272	196
620205	2900			7.4					11	43			168	120
620130	6680			7.4					12	31			160	88
620124	800			6.8					14	54			320	156
620102	620			7.8					26	85			352	240
611227	1130			7.8					26	65			320	216
611221	896			7.4					41	46			324	204
611214	550			7.6					28	90			328	200
611206	433			7.9					78	26			352	236
611129	936			8.0					25	63			328	224
611121	341			7.8					41	96			352	236
611113	433			7.8					27	75			344	244
611109	864			7.7					21	58			296	200
611101	204			7.7					46	135			292	176
611018	17			7.9					60	525			500	170
611011	15			7.7					74	315			436	120
611004	26			7.7					4	425			530	152
610927	76	19.4	6.4	7.9	2				42	246			360	172
610921	12	21.1	9.0	7.9	3				52	185			470	242
610913	9.0	26.1	5.6	7.8	4				47	125			430	296
610906	24	29.4	6.2	7.7	2				52	169			420	224
610824	60			8.1					12	85			296	70
610816	200			8.0					30	170			320	240
610809	296			7.8					35	62			260	168
610802	173	26.7	5.4	7.3	1				20	48			240	170
610729	798	29.4	5.8	7.4	1				23	102			360	212
610719	46	26.7	7.6	7.7	1				27	92			332	224
610712	76	25.6	6.6	8.2	1				20	85			324	224
610706	145	25.0	7.4	8.0	1				19	100			328	228
610629	300			7.6					25	102			300	210
610622	346	20.6	7.6	8.0	1				8	120			308	220
610614	1200	22.2	5.6	7.6	1				8	62			232	166
610601	528	20.6	8.6	7.2	2				20	81			296	214
610511	10200	15.0	8.4	7.0	3				8	10			136	92
610504	1320	13.3	9.2	7.5					24	77			292	200
610420	406	10.6	11.2	8.1	2				37	108			312	212
610412	350	8.3	11.0	8.0	2				28	131			316	212
610406	416	9.4	10.8	8.0	3				26	104			296	220
600915	15	20.0	6.7	8.3	0				57		0.00	30	356	230
600615	749	18.9	6.7	7.9	2				18	70	0.30	180	296	212
600322	310			7.4					10	25			80	64
600126	173	1.1	14.6	8.2	2				102		0.00	10	400	250
590716	33	21.1	7.0	8.4	0				24		0.00	45	316	246

O 11 KASKASKIA RIVER
ROUTE 16 BRIDGE AT SHELBYVILLE NEAR DAM --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740923	0.070	0.000	0	0.00	0.000	0.00	0.00	0.00	0.000	0.1	0.00	0.07	0.0	0.2
740826	0.030	0.000	10	0.20										
740619	0.040	0.000	10	0.00	0.000	0.00	0.00	0.00	0.000	0.3	0.00	0.02	0.0	0.2
740509	0.070	0.000	0	0.10										
740416	0.100	0.000	0	0.10										
740321	0.150	0.000	0	0.20	0.000	0.00	0.00	0.00	0.000	0.3	0.00	0.08	0.0	0.3
740221	0.170	0.000	0	0.20										
740124	0.100	0.000	0	0.20										
731211	0.040	0.000	10	0.10										
731114	0.060	0.000	0	0.00										
731004	0.050	0.000	10	0.20										
730911	0.020	0.000	0	0.20										
730806	0.030	0.000	0	0.40										
730725	0.100	0.000	0	0.00										
730702	0.060	0.000	10	0.10	0.000	0.00	0.00	0.00	0.000	0.1	0.01	0.22	0.0	0.2
730514	0.080	0.000	0	0.10										
730418	0.050	0.002	0	0.00										
730306	0.140	0.000	0	0.00	0.000	0.00	0.00	0.00	0.000	0.2	0.00	0.05	0.0	0.2
730206	0.100	0.000	0	0.00										
730118	0.090	0.003	10	0.00										
721218	0.120	0.002	0	0.00	0.000	0.00	0.00	0.20	0.000	0.1	0.01	0.12	0.0	0.2
721116	0.000	0.003	0	0.10										
721005	0.010	0.000	10	0.10									0.0	
720913	0.130	0.010	0	0.90	0.000	0.00	0.00	0.06	0.000	0.3	0.10	1.32	0.0	0.2
720905		0.004	0	1.10									0.0	
720821	0.000	0.007	0	1.10									0.0	
720726	0.000	0.004	0	0.70	0.000	0.00	0.00	0.08	0.000	0.3	0.02	1.20	0.0	0.2
720718	0.000	0.002	30	0.30									0.0	
720613	0.050	0.003	0	0.20										
720517	0.140	0.008	0	0.00									0.0	
720410	0.010	0.000	0	0.00										
720216	0.100		0	0.00										
711202	0.000		10	0.20										
711020	0.228		10	0.10										
701021			10											

O 11 KASKASKIA RIVER
ROUTE 16 BRIDGE AT SHELBYVILLE NEAR DAM --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	HOE (MG/L)	COLOR UNITS
740923		0.000	0.1	0.0	0.00		0.0	0.00	0.000	0.0				
740619		0.000	0.0	0.1	0.00		0.0	0.00	0.000	0.0				
740321		0.000	0.1	0.2	0.00		0.0	0.00	0.000	0.0				
730702		0.000	0.0	0.4	0.00		0.0	0.00	0.000	0.0				
730306		0.000	0.1	0.0	0.00		0.0	0.00	0.000	0.0				
721218					0.00					0.0				
720913		0.000	0.1	0.0	0.00		0.0	0.00	0.000	0.0				
720726		0.000	0.0	0.5	0.00		0.0	0.00	0.000	0.2				

O 12 KASKASKIA RIVER
COUNTY ROAD BRIDGE 3 MI EAST OF FINDLAY
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711202		6.7	10.1	8.3		4	0.2							
711020		20.0	8.7	8.1		10	0.2							
710811		25.6	7.7	8.2		16	0.5				1.00			
600615		18.9	5.5	7.9	4				20	60	0.30	130	300	206
600126		1.1	14.3	8.2	1				99		0.00	12	400	248
581001		13.3	8.8	8.1	1				35			7	372	286

0 12 KASKASKIA RIVER
COUNTY ROAD BRIDGE 3 MI EAST OF FINDLAY —CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
580716		22.2	6.2	7.7	1				6			230	130	100

0 12 KASKASKIA RIVER
COUNTY ROAD BRIDGE 3 MI EAST OF FINDLAY --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
711202	0.000		10	0.10										
711020	0.163		10	0.30										

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 OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740906	40	17.8	7.6	8.4			2.5	767			0.50			
740816	88	25.6	6.6	8.1			6.0	633	19	36	0.80			
740606	168	19.4	7.0	8.2			8.6	617			1.10			
740404	361	10.6	10.5	7.7			7.6	500			0.60			
740314	430	5.0	11.6	8.1			9.5	567			0.60			
740227	310	3.9	14.1	8.2			9.0	600	19	69	0.90			
740123	1240	5.6	10.5	8.3			6.2	367			0.60			
731211	122	1.7	13.1	8.5			7.2	665			0.80			
731026	35	15.0	8.3	8.4			4.0				0.50			
730921	31	18.3	7.9	8.4			2.4	800			0.40			
730824	56	21.7	6.9	8.2			5.4	717			0.60			
730806	137	23.9	7.2	8.1			6.6	617			0.90			
730702	121	25.0	7.4	8.1			9.2	650			1.50			
730607	293	19.4	8.3	8.2			9.9	600			1.10			
730514	111	13.3	9.4	8.2			8.7	867			1.20			
730506	178	15.0	9.0	8.2			8.2	633	24	92	0.80			
730413	183	7.2	11.0	8.0			9.4	650			1.60			
730307	165	10.0	9.8	8.1			7.6	617			1.20			
730115	106	2.2	12.0	7.7			8.2	683			1.60			
721221	377	5.6	9.1	7.7			5.6	500			1.30			
721011	105	18.3	6.6	8.1			8.0	783			1.20			
720905	30	27.2		8.9			1.9	550			0.50			
720821	42	30.6	10.8	8.7			1.9	433	13	38	0.70	17		
720726	31	25.0	10.2	8.5			3.1	567			1.10			
720718	30	28.3	6.5	8.3			3.4	600			0.80			
720531	63	14.4	9.0	8.1			12.0	600			2.10			
720502	162	15.0	9.4	8.2			12.0	450	29	52	1.90	47		
720410	172	13.9	7.3	8.2			12.0	533	25	62	1.40	18		
720309	46	3.9		8.2			7.1	783			1.40	7		
711201	35	3.3	13.6	8.5		4	0.5							
711021	25	19.4	6.5	8.5		17	0.5							
710812	66	23.9	5.2	8.3		12	0.9				0.80			
701021	51		1.1		1				23	50			350	250
680131	715				4									
671129	37	1.1	10.6	7.8	15				60	254			730	156
671018	28	11.1	7.4	7.2	11				35	262			680	128
670920	27	24.4	4.0	7.2	10				22	70			370	228
670816	17	23.3	3.6	7.4	7				40	118			520	172
670719	46	22.8	7.4	7.7	12				52	125			428	140
670614	67	24.4	5.2	7.6	5				32	49			376	236
670503	45	11.1	8.4	7.6	7				28	48			368	184
670223	58	0.0	4.6	7.5	10				40	54			408	204
661228	67	1.1	10.2	8.6	6				36	26			484	208
661109	25	14.4	3.8	7.1	13				50	200			610	164
661019	23								70					

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
661005	23	12.2	4.8	7.7	5				154	55			440	244
660914	21	22.2			9									
660713	11	29.4	4.4	7.9	8				37	45			184	104
660615	40	20.0	6.8	7.5	7				30	113			392	224
660413	42	6.1	9.0	7.5	4				28	93			380	168
660223	31	1.7	11.2	7.8	2				22	54			352	280
660126	25	0.0	12.2	8.3	3				24	105			400	280
660112	68	1.7	9.6	8.0	7				27	77			440	232
651214	40	6.7	5.6	7.6	28				60	145			600	160
651117	23	5.6	5.4	8.2	4				36	85			408	212
651103	35	10.0	5.0	7.7	12				50	113			440	192
651020	50	16.7	4.0	7.8	6				34	90			368	208
650929	96	16.7	7.0	8.2	5				22	200			352	208
650915	96	21.1	3.8	7.8	8				50	185			330	164
650818	23	24.4	2.6	7.6	8				40	193			470	148
650706	56	23.9	4.4	7.7	4				30	27			336	192
650616	80	18.9	6.0	7.7	2				28	54			264	244
650601	86	21.1	4.6	7.5	6				62	93			332	312
650512	110	18.3	6.6	7.3	3				72	71			324	264
650428	222	10.0	9.0	7.2	1				26	23			292	136
650402	87	6.7	11.0	8.0	7				42	29			470	164
650310	138	2.8	9.8	8.2	4				28	96			324	156
650210	216	6.7	9.2	8.2	11				48	60			470	160
650120	13	0.0	6.8	7.2	2				2300	662			2100	312
650105	38	2.8	7.4	7.5	30				175	250			480	312
641228	17	1.7	2.4	7.4					48	460			590	312
641216	18	1.7	3.6	7.1					370	520			470	132
641209	20	0.6	2.4	7.2					1400	760			870	248
641202	22	1.1	5.0	7.3					42	500			510	136
641118	20	10.6	5.0	7.1					40	760			520	112
641112	17	14.4	5.6	7.7					24	62			248	292
641104	17	14.4	2.4	7.2					30	44			290	292
641015	23	15.6	12.2	7.5					42	184			364	284
640930		14.4	9.0	7.9					390	500			480	208
640923		21.1	6.4	7.6					130	400			430	224
640916		18.9	3.4	7.3					610	740		12	780	284
640909		25.6	4.6	7.7					230	252		40	390	244
640902		23.3	3.4	7.6					54	379		20	364	144
640826		20.0	4.4	7.3					360	499		20	476	164
640819		21.1	7.4	7.7					310	440		15	420	232
640805		26.7	6.0	7.6	11				72	206			560	264
640719		25.0	5.0		9									
640715		23.3	4.4	8.2					160	93			790	304
640708		24.4	5.2	7.6					28	246			284	200
640701		25.0	5.0	7.8	2				22	43			280	212
640611				7.5					46	175			460	168
600615		16.1	4.3	7.7	3				28	75	0.00	220	316	204
600126		1.1	10.0	7.8	27				115		0.00	12	630	186
581001		14.4	11.9	8.2	2				10			45	292	256
580716		21.1	5.6	7.7	3				5			900	134	94

O 13 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE 1.5 MI NORTH OF BOURBON --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740906	0.750	0.005	170	0.10										
740816	0.210	0.000	900	0.10	0.000	0.00	0.00	0.00	0.000	1.4	0.00	0.10	0.0	0.3
740606	0.330	0.000	2900	0.10										
740404	0.210	0.000	1000	0.80										
740314	0.170	0.000	100	0.20										
740227	0.390	0.000	40	0.20	0.000	0.00	0.00	0.00	0.000	0.4	0.00	0.05	0.0	0.3
740123	0.410	0.000	330	0.40										
731211	0.350	0.000	30	0.10										
731026	0.790	0.000	400	0.10										
730921	1.200	0.000	700	0.20										
730824	0.850	0.005	800	0.10										

O 13 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE 1.5 MI NORTH OF BOURBON --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
730806	0.330	0.000	30	0.10										
730702	0.380	0.000	250	0.10										
730607	0.250	0.000	190	0.40										
730514	0.330	0.004	140	0.00										
730506	0.690	0.000	160	0.40	0.000	0.00	0.00	0.00	0.000	0.7	0.00	0.04	0.0	0.3
730413	0.230	0.002	90	0.10										
730307	0.400	0.000	7400	0.10										
730115	0.340	0.007	50	0.20										
721221	0.350	0.005	520	0.10										
721011	0.510	0.005	0	0.30										
720905	0.800	0.007	30	0.10									0.0	
720821	0.930	0.005	6000	0.10	0.001	0.00	0.01	0.25	0.000	1.9	0.03	0.13	0.0	0.3
720726	0.060	0.000	0	0.30									0.0	
720718	1.100	0.005	0	0.20									0.0	
720531	0.400	0.009	1000	0.00										
720502	0.200	0.000	0	0.00	0.000	0.00	0.00	0.20	0.000	1.2	0.02	0.80		0.3
720410	0.070	0.000	100	0.00		0.00	0.00	0.04	0.000	0.1	0.00	0.00	0.0	0.1
720309	0.580	0.023	30	0.00										
711201			10	0.50										
711021	0.848		30	0.20										
701021			2400											
670223														0.5
661228														0.3
661109														1.1
661019														2.2
661005														1.0

O 13 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE 1.5 MI NORTH OF BOURBON --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740816		0.000	0.0	0.2	0.00		0.0	0.00	0.000	0.0				
740227		0.000	0.0	0.1	0.00		0.0	0.00	0.000	0.0				
730506		0.000	0.0	0.2	0.00		0.0	0.00	0.000	0.0				
720821		0.010	0.1	0.4	0.01		0.0	0.00	0.000	0.1				
720502					0.00		0.0			0.0				
720410					0.00		0.0			0.4				

O 14 KASKASKIA RIVER
US 36 BRIDGE 4 MI WEST OF TUSCOLA
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711201		2.2	12.8	8.6		10	0.7							
711021		19.4	7.4	8.8		18	0.2							
710812		23.3		8.2		48	0.7				1.40			
640513				7.5					22	63			312	168
640429				7.7					20	54			268	172
640330				7.9					26	125			310	180
640311				7.8					74	160			340	180
640226				7.9					190	277			530	20
640220				8.3					100	293			770	116
640213				8.0					32	262			360	268
640205				8.2					340	115			390	276
640122				7.8					42	128			440	336
640108				8.6					92	330			660	144
640102				7.7					42	108			420	352
631227				8.6					44	339			600	80
631204				7.8					105	370			600	184

O 14 KASKASKIA RIVER
US 36 BRIDGE 4 MI WEST OF TUSCOLA —CONTINUED

DATE	DIS- CHARGE (CFS)	TEMP- ERA- TURE DEG C	DIS- SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR- IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID- ITY UNITS	HARD- NESS (CACO3) (MG/L)	ALKA- LINITY (CACO3) (MG/L)
631120				7.5					100	262			530	184
631113				7.7					70	180			500	196
631030				7.5					60	216			490	200
631023				7.5					36	280			510	216
631016				7.6					35	210			430	120
631001				7.9					70	60			272	288
630925				7.4					80	462			570	160
630918				7.7					60	262			410	204
630912				7.5					60	660			520	92
630903				7.3					82	400			600	96
630829				7.6					16	216			292	124
630821				7.5					24	277			320	156
630813				7.2					30	200			400	120
630807				7.4					18	123			360	108
630731				7.3					36	662			400	200
630724				7.4					140	115			420	196
630709				7.6					26	462			570	180
630701				7.3					30	875			700	184
630626				7.5					26	115			440	220
630620				7.6					104	175			510	248
630613				7.3					38	416			530	176
630605				7.7					20	354			460	184
630528				7.6					30	200			240	188
630522				7.2					30	300			470	160
630515				8.0					28	110			330	188
630501				7.5					16	135			252	168
630424				7.8					17	63			276	160
630417				7.6					44	170			390	192
630410				7.7					16	200			400	192
630403				8.0					26	169			340	164
630327				7.7					25	70			292	180
630320				7.7					20	66			224	140
630313				8.2					32	110			360	172
630306				7.1					14	71			124	64
630228				8.4					43	539			380	208
630219				8.2					50	554			480	204
630213				8.3					105	662			720	140
630207				8.5					43	215			390	212
630131				9.4					136	270			530	96
630122				8.6					48	590			520	212
630117				8.0					4000	585			1120	152
630109				8.4					38	280			420	212
630103				7.7					55	770			530	76
621226				8.6					35	410			560	212
621205				7.4					88	447			660	124
621128				7.2					62	493			640	160
621120				7.2					41	708			550	148
621113				7.4					50	500			584	136
621107				7.4					88	450			780	144
621101				7.8					60	800			816	192
621023				7.5					80	493			680	126
621017				7.6					56	500			540	220
621010				7.5					58	113			368	248
620906				7.4					87	170			840	270
620725				7.7					17	130			332	208
620718				7.5					27	123			376	184
620711				7.7					23	158			328	180
620628				8.0					18	104			320	184
620621				7.4					20	158			332	196
620613				7.3					23	250			390	180
620605				7.4					25	300			430	176
620531				7.5					40	123			336	176
620524				7.5					25	270			396	188
620517				7.8					22	165			320	184
620510				7.6					19	128			312	184
620426				7.4					40	300			470	168
620418				7.4					30	140				176
620411				8.0					21	104			304	176
620404				7.9					21	62			144	180
620328				8.1					18	90			304	168
620322				7.3					17	58			184	96

O 14 KASKASKIA RIVER
US 36 BRIDGE 4 MI WEST OF TUSCOLA --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
620314				7.7					22	85			316	146
620308				8.0					30	142			364	170
620223				8.0					13	71			244	156
620215				8.0					15	155			288	156
620205				7.4					6	28			80	64
620130				7.5					10	59			180	96
620124				7.6					42	125			364	162
620102				7.4					30	345			510	192
611227				7.5					22	155			460	184
611221				7.5					60	62			500	200
611214				7.9					36	120			416	200
611206				7.8					86	185			400	208
611129				7.6					40	260			504	200
611115				7.2					84	50			710	164
611113				7.9					90	250			480	224
611109				7.8					65	380			528	194
611017				7.5					61	540			820	88
611011				7.3					60	530			700	150
611001				7.5					40	295			488	128
610927		17.8	4.0	7.5	5				120	798			750	132
610921		20.6	2.6	6.8	7				90	975			1160	88
610913		24.4	2.4	7.5	3				160	600			670	132
610906		26.1	2.2	7.6	3				84	950			730	180
610824				7.3					70	190			980	136
610816				7.6					100	886			910	120
610809				7.3					84	1350			1380	100
610802		27.2	1.2	7.3	7				70	635			890	168
610726		25.0	1.4	7.4	4				40	290			600	184
610719		26.7	3.0	7.5	6				78	550			700	164
610712		25.6	2.8	7.5	6				44	431			510	160
610706		25.0	4.2	7.4	10				23	231			410	174
610629				7.7					27	262			392	184
610622		20.0	7.4	7.8	2				13	56			296	196
610608		21.1	6.0	7.8	2				4	39			110	86
610601			6.4	7.9	2				25	185			408	176
610511		16.7	7.2	7.2	1				9	30			180	116
610504		13.3	9.0	7.6	8				56	123			312	186
610420		13.9	9.2	7.8	5				52	169			400	190
610414		19.4	5.6	7.7	3				13	141			320	184
610412		5.6	9.0	7.7	4				28	171			372	188
610406		7.2	11.0	7.8	4				40	258			456	208
600615		15.6	5.2	7.7	2				14	75	0.00	130	308	214
600126		1.1	11.3	7.8	11				100		5.00	18	610	174
590603		21.1	7.7	8.1	4				24		0.00	45	340	214

O 14 KASKASKIA RIVER
US 36 BRIDGE 4 MI WEST OF TUSCOLA --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLUOR-IDE (MG/L)
711201	0.294		10	0.40										
711021	0.881		50	0.30										

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740918	95	19.4	8.0	8.1			3.0	700			0.50			
740827	62	24.4	5.8	8.0			3.6	783			0.70			
740805	232	22.2	5.8	7.5			3.4	1033			0.40			

O 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 OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740515	476	17.2	8.6	8.1			8.0	550			0.90			
740418	999	13.3	9.1	8.4			8.2	633	16	36	0.90			
740327	449	8.3	11.9	8.3			8.4	767			0.60			
740227	1420	2.2	13.6	8.9			9.0	517			0.80			
740123	6660	5.0	10.4	8.3			5.2	250	12	25	0.50			

O 15 KASKASKIA RIVER
ROUTE 121 BRIDGE 4 MI EAST 3 MI SOUTH OF SULLIVAN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740918	0.460	0.000	1300	0.00										
740827	0.040	0.005	100	0.00										
740805	0.290	0.000	0	0.10										
740515	0.190	0.000	6300	0.20										
740418	0.570	0.000	120	0.30	0.000	0.00	0.01	0.01	0.000	2.0	0.00	0.08	0.0	0.3
740327	0.140	0.000	30	0.10										
740227	0.080	0.000	20	0.40										
740123	0.480	0.000	160	0.60	0.000	0.00	0.00	0.00	0.000	4.4	0.00	0.07	0.0	0.2

O 15 KASKASKIA RIVER
ROUTE 121 BRIDGE 4 MI EAST 3 MI SOUTH OF SULLIVAN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740418		0.000	0.1	0.2	0.01		0.0	0.00	0.000	0.0				
740123		0.000	0.0	0.9	0.00		0.0	0.00	0.000	0.0				

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740920	27	19.4	7.0	8.2			3.0	700			0.60			
740822	32	23.3	8.7	7.8			3.3	717			0.80			
740716	48	23.3	6.9	8.2			9.2	633			0.90			
740620	430	20.0	7.5	7.6			5.5	217			0.70			
740529	180	16.7	9.2	7.7			6.3	567	16	43	1.00			
740325	118	2.2	12.0	8.0			8.8	667			0.60			
740227	248	4.4	13.1	8.2			9.4	600	33	51	0.90			
740123	992	5.0	11.4	8.3			6.7	400			0.70			
731211	98	2.8	12.9	8.5			7.7	617	16	48	0.80			
731026	28	14.4	13.0	8.5			5.9				0.50			
730921	25	20.0	11.0	8.5			3.7	617			0.50			
730824	45	21.7	8.5	8.3			6.2	650			0.70			
730806	110	25.6	7.5	8.0			6.9	600			0.90			
730702	97	27.2	8.0	8.2			9.5	633			1.60			
730607	235	20.6	8.8	8.1			10.0	600			1.10			
730514	89	13.9	10.5	8.2			9.3	783			1.20			
730413	147	7.2	10.9	8.1			9.4	617			1.60			
730307	132	11.1	10.0	8.1			7.9	617			1.30			
730115	85	4.4	12.5	7.7			8.4	650			1.60			
721031	61	12.2	14.8	8.2			8.8	667			1.50			
720824	70	26.7	5.2	8.2			1.6	317	15	32	0.50	99		
720718	24	28.9	8.7	8.3			4.4	617			1.40			
720531	51	14.4	9.4	8.1			12.0	600			2.20			
720502	130	15.0	9.7	8.5			12.0	450			1.70			

O 16 KASKASKIA RIVER
CHAMPAIGN-DOUGLAS COUNTY LINE ROAD BRIDGE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
720412	168	12.8	12.5	7.8			13.0	683	65	43	1.20	12		
711201	28	2.8	13.7	8.1		5	0.7							
711021	20	18.9	14.2	8.5		9	0.7							
710812	53	23.9	9.5	8.3		12	0.9				2.70			
701021	41		1.3		16				21	50			330	220
680131	572				3									
671129	30	1.1	11.8	8.2	2				14	10			304	328
671018	23	10.0	14.0	7.8	4				20	11			256	228
670920	22	23.9	6.3	7.3	7				11	8			236	296
670816	14	22.2	6.0	7.7	2				16	12			312	292
670719	37	22.8	10.4	8.1	5				10	11			280	280
670614	54	22.8	7.7	7.8	1				22	22			284	244
670503	36	10.0	10.6	7.7	2				22	25			288	232
670223	47	0.0	8.2	7.6	3				28	28			292	224
661228	54	1.1	10.4	8.0	4				22	17			308	208
661109	20	14.4	6.2	8.1	2				26	19			286	316
661005	19	11.1	6.4	8.2	2				10	9			280	316
660914	17	21.1	5.0	8.0	3				10	12			280	324
660713	9.0	28.3	1.2	7.8	5				12	18			240	196
660615	32	18.9	6.8	7.6	1				14	42			348	252
660413	34	6.1	9.8	7.7	2				16	65			324	248
660223	25	1.7	11.4	7.8	3				12	28			348	252
660126	20	0.0	13.4	8.7	3				14	105			400	248
660112	55	0.6	11.6	8.0	2				17	17			356	248
651214	32	5.6	10.2	7.7	2				36	43			328	220
651117	19	3.3	9.4	8.3	2				16	55			344	248
651103	28	10.0	11.4	7.7	1				16	54			344	252
651023	40	16.7	7.4	7.9	1				10	42			336	244
650929	77	15.6	8.4	7.7	1				8	169			280	232
650915	77	18.9	4.6	8.0	6				6	20			120	126
650818	19	23.3	3.4	7.8	3				8	19			240	272
650706	45	23.9	5.6	8.0	1				16	33			324	204
650616	64	18.9	7.4	7.8	1				42	66			256	244
650601	69	21.1	6.6	7.5	2				34	100			304	272
650512	88	18.3	7.4	7.2	1				48	66			240	244
650428	178	10.0	9.0	7.4	1				12	20			280	160
650402	70	4.4	11.0	8.0	2				12	20			272	156
650313	111	1.1	9.4	7.5	2				14	78			284	164
650210	173	6.7	7.4	8.5	2				14	40			212	176
650120	11	0.6	12.0	7.8	2				62	100			244	176
650105	31	2.8	7.6	7.6	3				56	124			240	196
641228	14	1.7	14.0	8.2					10	18			240	380
641216	15	1.1	13.2	7.8					26	124			304	228
641209	16	0.6	9.4	7.7					16	70			272	412
641202	18	0.6	7.4	7.6					10	70			310	304
641118	16	7.8	7.8	7.8					8	39			220	244
641112	14	15.0	11.2	8.3					6	40			232	284
641104	14	15.0	11.4	7.7					8	32			320	304
641015	19	18.3	15.4	7.9					6	29			256	304
640930		13.3	7.2	8.1					530	640			240	308
640923		20.0	4.6	8.0					115	162			260	156
640916		17.8	6.2	7.8					210	160		15	290	204
640909		24.4	4.4	7.9					210	111		45	290	224
640902		20.0	5.2	7.9					56	274		25	264	172
640826		18.9	5.4	7.5					210	181		25	244	284
640819		19.4	5.0	8.0					110	250		400	304	312
640805		26.7	4.2	7.9	2				46	95			290	244
640719			5.8		2									
640715		22.8	5.4						40	140			280	256
640708		25.0	9.2	7.4					12	185			272	212
640701		23.9	6.4	7.9	3				36	49			264	212
640611				7.9					12	40			304	224
640513				7.7					14	33			288	200
640429				7.6					14	49			232	184
640330				8.6					79	925			880	88
640311				8.8					20	50			268	188
640226				8.0					16	43			252	224
640223				8.4					34	26			324	232
640213				8.5					12	11			268	260
640205				8.4					12	23			264	284
640122				7.7					6	43			144	112

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
640108				8.3					16	15			256	240
640102				8.0					20	12			272	324
631227				8.2					4	11			276	352
631211				7.9					6	11			232	280
631204				8.2					4	34			252	268
631120				7.9					4	11			240	292
631113				8.2					6	22			200	308
631030				8.0					7	22			204	308
631023				8.0					5	19			264	158
631016				7.2					5	8			240	324
631009				8.1					5	9			224	308
631001				8.2					8	23			244	288
630925				7.9					8	41			224	252
630918				7.9					8	25			248	288
630912				8.0					5	54			244	280
630903				7.7					23	20			256	284
630829				7.4					8	43			144	112
630821				8.0					6	34			232	176
630813				7.6					16	65			230	152
630807				7.5					30	38			280	200
630731				7.5					5	25			240	300
630724				7.8					5	35			272	296
630709				7.6					10	35			276	272
630701				8.0					5	35			280	296
630626				7.6					7	55			304	316
630620				8.0					7	38			240	288
630613				7.7					12	43			256	200
630605				8.1					14	43			296	232
630528				8.1					5	34			200	212
630522				7.9					8	83			240	184
630515				8.0					18	45			232	196
630501				7.4					8	55			204	172
630424				8.0					7	27			260	180
630417				7.7					16	13			200	304
630413				7.6					6	54			276	204
630404				7.8					10	62			280	172
630403				7.7					7	17			148	164
630327				7.7					8	54			264	184
630320				7.6					11	63			220	156
630313				8.1					12	52			244	176
630306				7.4					10	28			88	56
630228				7.9					10	22			160	172
630219				8.8					6	29			124	128
630213				8.4					12	11			288	332
630207				7.8					11	12			164	196
630131				7.6					12	19			204	320
630122				8.0					7	20			296	380
630117				7.7					86	460			530	232
630109				8.4					10	20			220	308
630103				8.0					10	34			252	312
621226				8.6					14	37			292	400
621205				0.0					39	39			232	224
621128				8.0					16	49			256	280
621120				8.1					6	25			240	296
621113				7.8					9	26			236	272
621107				8.6					10	14			228	280
621101				8.4					7	49			208	280
621023				8.1					38	37			240	216
621017				8.3					8	20			264	312
621010				8.2					21	23			240	308
620906				7.8					17	45			240	204
620725				7.9					11	53			292	224
620718				7.6					14	55			280	184
620711				7.6					14	58			274	196
620628				8.2					14	66			296	184
620621				7.7					10	77			300	212
620613				7.7					11	50			284	208
620605				7.9					12	58			284	208
620531				7.8					14	51			244	200
620524				7.8					11	59			276	208
620517				7.5					13	62			264	192

O 16 KASKASKIA RIVER
CHAMPAIGN-DOUGLAS COUNTY LINE ROAD BRIDGE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
620510				7.7					11	54			280	188
620426				7.8					11	70			310	196
620418				7.7					11	71			272	192
620411				8.3					10	66			280	180
620328				7.8					11	62			272	132
620322				7.6					11	36			176	112
620314				7.8					10	34			200	152
620308				7.2					22	71			280	234
620223				8.0					7	55			220	168
620215				7.9					9	47			232	168
620205				7.1					6	17			56	20
620130				7.8					8	41			144	104
620124				8.3					8	5			258	142
620102				1.8					11	71			320	220
611227				7.6					11	71			320	200
611221				8.2					13	16			308	208
611214				8.1					6	55			320	216
611206				8.0					12	66			320	224
611129				7.9					13	108			324	216
611121				8.1					13	79			320	224
611116				7.8					12	59			280	216
611113				7.9					12	70			332	226
611017				8.4					7	28			256	160
611011				8.1					8	28			244	296
611004				8.3					8	30			252	296
610927		15.0	6.2	8.3	1				7	40			240	252
610921		18.3	5.4	8.4	1				10	23			272	318
610913		23.3	5.0	8.2	2				8	28			280	348
610906		25.0	4.8	8.2	1				12	28			300	320
610824				7.8					4	31			276	276
610816				8.4					24	41			268	210
610809				8.1					12	62			330	236
610802		24.4	4.6	7.8	2				9	45			308	232
610729		25.6	4.4	7.8	2				14	50			360	224
610719		28.9	9.8	8.2	2				12	60			300	216
610712		23.9	9.0	8.3	3				10	73			296	196
610706		26.7	7.2	7.9	2				13	50			300	212
610629				7.3					8	71			330	204
610622		19.4	8.2	7.8	1				8	8			268	200
610614		18.3	6.2	7.8	2				13	77			292	194
610608				7.9					6	37			126	100
610601		23.3	11.4	7.9	1				10	60			284	200
610511		16.1	8.0	7.2	1				8	38			184	120
610504		13.3	9.0	7.6					10	62			280	182
610420		13.9	11.2	8.3	2				11	108			284	196
610412		4.4	12.4	8.0	2				11	62			288	204
610406		7.8	13.2	8.1	2				18	64			292	220

O 16 KASKASKIA RIVER
CHAMPAIGN-DOUGLAS COUNTY LINE ROAD BRIDGE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740920	1.400	0.000	500	0.10										
740822	0.340	0.000	230	0.00										
740716	0.370	0.000	100	0.10										
740620	2.000	0.000	7000	3.00										
740529	0.420	0.000	30	0.30	0.000	0.00	0.00	0.01	0.000	1.5	0.00	0.06	0.0	0.2
740325	0.500	0.000	10	0.40										
740227	0.230	0.000	0	0.40	0.000	0.00	0.00	0.00	0.000	0.5	0.00	0.04	0.0	0.3
740123	0.250	0.000	110	0.30										
731211	0.180	0.000	30	0.10	0.000	0.00	0.00	0.00	0.000	0.6	0.01	0.02	0.0	0.3
731026	0.460	0.000	700	0.00										
730921	1.200	0.000	20	0.00										
730824	0.650	0.000	1400	0.10										
730806	0.460	0.000	10	0.10										
730702	0.590	0.000	20	0.10										

O 16 KASKASKIA RIVER
CHAMPAIGN-DOUGLAS COUNTY LINE ROAD BRIDGE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
730607	0.220	0.000	80	0.10										
730514	0.590	0.003	30	0.10										
730413	0.370	0.001	0	0.20										
730307	0.540	0.000	290	0.10										
730115	0.360	0.003	230	0.10										
721031	0.260	0.000	30	0.12										
720824	0.630	0.006	980	0.50	0.000	0.00	0.00	0.20	0.000	4.7	0.02	0.20	0.0	0.2
720718	1.180	0.005	0	0.00									0.0	
720531	1.500	0.008	580	0.00										
720502	0.100	0.000	10	0.10					0.000				0.0	
720412	0.100	0.001	600	0.00		0.00	0.00	0.09	0.000	0.1	0.00	0.05	0.0	0.2
711201	0.392		10	0.30										
711021	1.534		270	0.20										
701021			870											

O 16 KASKASKIA RIVER
CHAMPAIGN-DOUGLAS COUNTY LINE ROAD BRIDGE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740529		0.000	0.0	0.2	0.00		0.0	0.00	0.000	0.0				
740227		0.000	0.0	0.2	0.00		0.0	0.00	0.000	0.0				
731211		0.000	0.0	0.7	0.00		0.1	0.00	0.000	0.0				
720824		0.000	0.0	0.4	0.00		0.0	0.00	0.000	0.1				
720412					0.00		0.0			0.1				

O 17 KASKASKIA RIVER
ROUTE 133 BRIDGE AT CHESTERVILLE
LAB: CHAMPAIGN

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
731026		15.0	7.3	8.2			3.8		28	130	0.40			
730921		17.8	7.3	8.2			2.5	750			0.50			
730824		21.1	6.5	8.2			5.1	700			0.60			
730806		23.9	6.8	8.1			6.2	600			0.80			
730702		24.4	6.9	8.2			8.8	617			1.50			
730607		20.6	7.9	8.2			9.4	550			1.00			
730514		13.3	9.4	8.2			8.3	817			1.00			
730413		7.2	12.1	8.2			9.4	633			1.50			
730306		10.0	10.0	8.0			8.0	583			1.20			
730115		1.7	12.5	7.8			7.9	667			1.60			
721221		4.4	8.8	7.8			5.5	500			1.30			
721011		16.7	8.6	8.3			7.9	733	21	67	1.20			
720905		21.1	7.0	8.2			4.9	700			0.95			
720821		28.3	5.8	8.3			1.6	633	26	80	0.60	19		
720726		25.6	4.0	7.9			2.2	550			1.00			
720718		28.3	8.3	8.7			1.6	683			0.80			
720531		17.2	7.0	8.0			11.0	567			2.00			
720502		15.0	9.2	8.2			12.0	450	29	52	1.80	38		
720410		12.2	13.3	8.3			11.0	550			1.40			
720309		4.4	14.1	8.2			7.6	567			1.30	4		
711201		3.3	11.1	8.2		5	0.5							
711021		18.3	6.1			14	0.2							
710812		23.9	6.3	8.0		12	1.1				4.00			
701021			12.5		1				27	125			395	245
680131					2									
671129		1.1	10.2	7.0	7				42	223			488	204
671018		11.1	8.6	7.7	5				42	17			276	260
670920		23.9	4.8	7.2	11				30	145			420	188
670816		23.9	5.0	7.3	4				36	108			320	176
670719		25.0	9.6	7.8	6				36	80			420	188

O 17 KASKASKIA RIVER
ROUTE 133 BRIDGE AT CHESTERVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
670614		24.4	5.3	7.6	4				26	26			332	240
670503		11.1	8.4	7.7	4				28	31			360	212
670223		0.0	9.4	7.6	3				24	45			400	224
661228		1.1	9.6	8.0	4				32	22			328	228
661109		15.0	4.0	7.5	7				90	55			520	204
661005		12.2	6.0	7.8	2				66	46			380	232
660914		22.2	3.4	7.5	7				35	85			450	164
660713		29.4	3.0	7.6	5				30	34			388	128
660615		20.6	5.4	7.0	3				24	85			388	244
660413		6.7	8.4	7.3	3				34	70			376	240
660223		1.7	10.6	7.8	2				26	42			364	256
660126		0.0	13.0	8.4	3				20	113			392	280
660112		0.6	12.4	7.8	3				22	28			380	252
651214		7.8	5.2	7.7	6				38	170			472	220
651117		7.2	7.8	8.5	1				24	58			344	284
651103		11.1	11.4	7.8	2				40	66			356	240
651020		16.7	5.8	8.0	3				16	66			296	252
650929		16.7	7.8	8.2	2				10	138			332	224
650915		21.1	4.0	7.8	4				30	130			430	164
650818		24.4	3.8	7.6	8				70	201			420	132
650706		23.9	4.4	7.7	1				28	50			324	204
650616		19.4	6.2	7.4	2				36	46			264	244
650601		21.1	4.4	7.3	4				52	65			324	316
650512		17.8	6.4	7.5	2				46	54			272	224
650428		10.0	8.4	7.3	1				16	28			256	156
650402		6.7	11.6	7.8	2				20	25			328	168
650310		3.3	9.4	8.7	2				26	65			292	164
650210		6.1	9.4	8.1	6				50	46			320	160
650120		0.6	6.6	7.5	3				72	293			420	264
650105		3.9	4.6	7.3	17				180	170			460	236
641228		1.7	2.6	7.3					48	670			600	256
641216		1.7	3.6	7.5					310	420			500	236
641209		1.1	4.2	7.5					85	600			650	264
641202		1.7	3.8	7.4					75	620			740	112
641118		10.0	1.2	7.5					65	620			480	144
641112		13.9	3.0	7.7					30	480			410	256
641104		12.8	0.6	7.1					32	620			540	176
641015		13.9	7.6	7.0					30	630			530	180
640930		13.3	6.0	7.8					410	500			460	192
640923		20.0	2.6	7.5					320	540			810	284
640916		18.3	4.6	7.5					600	620		12	780	244
640909		25.0	7.0	7.5					560	582		20	690	324
640902		20.0	2.0	7.0					410	639		15	560	204
640826		21.1	4.4	7.4					560	770		15	608	144
640819		21.1	5.2	7.6					410	619		100	530	160
640805		26.7			5									
640715		22.8	4.6	8.3					42	130			364	320

O 17 KASKASKIA RIVER
ROUTE 133 BRIDGE AT CHESTERVILLE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/-1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
731026	0.680	0.000	440	0.10	0.000	0.00	0.00	0.00	0.000	1.1	0.00	0.05	0.3	0.4
730921	0.950	0.000	1000	0.20										
730824	0.440	0.010	500	0.20										
730806	0.210	0.000	50	0.30										
730702	0.240	0.000	430	0.10										
730607	0.160	0.005	170	0.20										
730514	0.160	0.004	300	0.00										
730413	0.120	0.000	70	0.00										
730306	0.240	0.000	60	0.10										
730115	0.140	0.003	200	0.10										
721221	0.290	0.006	1700	0.10										
721011	0.230	0.000	20	0.10	0.000	0.00	0.00	0.13	0.000	1.0	0.00	0.10	0.0	0.3
720905	0.090	0.004	860	0.20									0.0	
720821	0.600	0.004	300	0.20	0.010	0.00	0.00	0.14	0.000	1.6	0.01	0.15	0.0	0.5

O 17 KASKASKIA RIVER
ROUTE 133 BRIDGE AT CHESTERVILLE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
720726	0.740	0.006	700	0.60									0.0	
720718	0.460	0.003	30	0.10									0.0	
720531	0.150	0.010	1600	0.00										
720502	0.300	0.000	10	0.00	0.000	0.00	0.00	0.20		1.0	0.01	0.70		0.2
720410	0.020	0.000	10	0.10										
720309	0.270	0.000	10	0.00										
711201	0.326		140	0.20										
711021	0.555		10000	0.20										
701021			5300											

O 17 KASKASKIA RIVER
ROUTE 133 BRIDGE AT CHESTERVILLE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOE (MG/L)	COLOR UNITS
731026		0.000	0.0	0.7	0.00		0.0	0.00	0.000	0.0				
721011		0.000	0.0	0.2	0.00		0.0	0.00	0.000	0.0				
720821		0.010	0.1	0.6	0.00		0.0	0.00	0.010	0.0				
720502					0.00		0.0			0.0				

O 18 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE AT BOURBON 6 MI SOUTHWEST TUSCOLA
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711201		2.8	13.7	8.6		4	0.7							
711021		18.3	6.0	8.2		14	0.2							
710812		23.9	5.7	8.0		46	0.9				2.00			

O 18 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE AT BOURBON 6 MI SOUTHWEST TUSCOLA --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
711201	0.392		10	0.30										
711021	0.816		150	0.20										

O 19 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE 4 MI SOUTH 1 MI WEST OF SHELBYVILLE
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711129		6.1	11.1	7.8		13	0.2					25		
711026		16.7	8.0	8.0		21	0.0					25		
710920		17.2	7.5	7.4		19	0.2					25		
671129		1.1	12.4	7.4	1				122	50			380	272
671018		12.2		7.6	4				26	45			332	228
670920		26.7	15.6	7.6	6				36	40			344	288
670816		25.6		7.8	6				36	14			280	176
670719		24.4		8.2	5				32	20			360	284
670614		24.4	7.4	7.8	2				34	17			320	248

0 19 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE 4 MI SOUTH 1 MI WEST OF SHELBYVILLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
670503		12.8	9.4	7.8	3				40	23			304	228
670223		0.0	10.0	7.8	3				30	38			316	240
661228		1.1	10.8	7.9	3				30	19			304	248
661109		15.6	4.6	7.6	2				140	42			480	244
661005		15.6	10.2		5				38	49			312	188
660914		23.3			4									

0 19 KASKASKIA RIVER
TOWNSHIP ROAD BRIDGE 4 MI SOUTH 1 MI WEST OF SHELBYVILLE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
711129	0.065		610	0.10										
711026	0.228		500	0.00										
710920	0.392		2600	0.30										

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 OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740926	3650	22.8	8.5	7.8			0.0	700			0.20			
740801	4480	24.4	2.0	7.8			1.2	1200			0.60			
740717	4440	27.2	3.4	7.2			0.1	250	20	20	0.20			
740610	6900	18.9	9.1	7.9			1.0	667			0.50			
740507	3830	13.3	8.2	7.8			0.1	1333			0.20			
740415	12400	5.6	9.3	7.5			1.0	433			0.40			
740328	11200	17.2	9.2	7.9			1.1	350			0.02			
740228	16600	5.0	11.6	7.9			1.4	333			0.20			
740130	11600	5.0	11.2	7.4			1.2	333	20	47	0.40			
740102	8500		13.6	7.4			1.3	333			0.40			
731121	850	11.7	10.1	8.1			0.8	450			0.30			
731017	488	16.1	8.1	8.0			0.8		39	48	0.50			
730925	1800	19.4	8.2	8.1			0.9	417			0.40			
730905	3030	25.6	6.8	7.9			0.8	400			0.10			
730726	6440	25.6	5.5	7.7			1.0	267	15	36	0.30			
730620	9060	26.1	5.4	7.5			1.3	267			0.50			
730529	6200	16.7	6.7	7.8			1.0	383			0.50			
730417	7080	10.0	10.3	7.9			1.4	367	19	46	0.40			
730327	7790	9.4	9.7	7.8			1.7	750			0.50			
730220	10900	1.1	13.7	8.1			3.7	467			0.70			
730131	9580	2.8	12.6	7.7			1.4	367	26	43	0.40			
730103	15700	1.7	11.7	7.5			1.2	250			0.40			
721102	8100	12.8	7.8	7.3			0.4	122			0.20			
721019	906	12.8	10.0	8.2			0.5	450	34	63	0.50			
720921	445	23.9	6.6	8.0			0.5	450	33	60	0.30			
720822	349	25.0	5.4	7.0			0.4	417	31	43	0.70	85		
720802	354	25.0	7.6	8.1			0.0	433			0.40			
720605	318	23.9		7.9			0.0	800			0.40			
720503	2820	15.6	8.0	7.8			0.0	517	37	80	0.60			
720413	3720	15.6	5.2	7.6			1.5	367			0.63			
720224	4130	3.3	14.4	7.9			1.1	542			0.50	15		
720118	3760	1.7	14.7	7.8			0.8	375						

O 20 KASKASKIA RIVER
ROUTE 160-177BRIDGE 5 MI WEST NORTHWEST OF OKAWVILLE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740926	0.130	0.005	320	0.00										
740801	0.400	0.010	180	0.05										
740717	0.460		1200	0.35	0.000	0.00	0.00	0.00	0.000	2.9	0.02	1.40		0.3
740610	0.150	0.000	2400	0.10										
740507	0.050	0.010	300	0.10										
740415	0.420	0.015	1600	0.80										
740328	0.160	0.005	110	0.15										
740228	0.230	0.000	190	0.15										
740130	0.290	0.010	600	0.25	0.000	0.00	0.00	0.05	0.000	4.5	0.02	0.12	0.4	0.2
740102	0.480	0.010	380	0.15										
731121	0.180	0.000	220	0.00										
731017	0.340	0.010	1600	0.30	0.000	0.00	0.00	0.00	0.000	2.0	0.01	0.40	0.0	0.5
730925	0.100	0.010	140	0.10										
730905	0.160	0.000	100	0.15										
730726	0.520	0.000	4300	0.25	0.000	0.00	0.00	0.13	0.000	10.0	0.11	0.65		0.2
730620	0.700	0.005	6900	0.25										
730529	0.200	0.010	300	0.44										
730417	0.220	0.007	2200	0.28	0.000	0.00	0.00	0.17	0.000	2.9	0.04	0.20	0.0	0.2
730327	0.310	0.010	1800	0.44										
730220	0.400	0.000	20	0.15										
730131	0.160	0.007	120	0.25	0.000	0.00	0.00	0.13	0.000	1.8	0.03	0.08	0.0	0.2
730103	0.300	0.012	100	0.22										
721102	0.720	0.010	34000	0.55										
721019	0.070	0.000	10	0.15	0.000	0.00	0.00	0.07	0.000	0.6	0.02	0.27	0.0	0.3
720921	0.260	0.013	1800	0.02	0.000	0.00	0.00	0.10	0.000	1.7	0.05	0.36	0.0	0.2
720822	0.150	0.005	5600	0.19	0.000	0.00	0.00	0.17	0.000	3.6	0.03	0.37		0.2
720802	0.180	0.010	180	0.20									0.0	
720605	0.040	0.000	50	0.08										
720503	0.050	0.000	100	0.08	0.000	0.00	0.00	0.09	0.000	3.3	0.03	0.33		0.2
720413	0.190	0.010	8900	0.45										
720224	0.060	0.000	10	0.20										
720118	0.110	0.000	10	0.30										

O 20 KASKASKIA RIVER
ROUTE 160-177BRIDGE 5 MI WEST NORTHWEST OF OKAWVILLE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	COLOR UNITS
740717		0.000	0.0	0.1			0.0	0.00	0.000	0.1				
740130		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
731017		0.000	0.0	0.1			0.0	0.00	0.000	0.1				
730726		0.000	0.0	0.1			0.0	0.00	0.000	0.1				
730417		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
730131										0.0				
721019		0.000	0.0	0.0			0.0	0.00	0.000	0.0				
720921		0.000	0.2	0.1			0.0	0.00	0.000	0.1				
720822		0.000	0.1	0.0	0.00		0.0	0.00	0.000	0.1				
720503			0.0				0.0		0.000	0.1				

OB 01 HORSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI EAST OF ROMA
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740916		18.3	8.0	7.4			0.8	250			0.00			
740807		21.1	1.9	7.9			1.6	617			0.20			
740722			1.6	8.0			1.8	633	10	50	0.20			
740612		21.1	8.8	7.8			3.0				0.70			
740513		16.7	7.2	7.7			1.8	533			0.50			
740409		10.0	11.2	7.6			1.1	283	6	41	0.30			
740219		3.3	10.6	7.6			1.8	367			0.20			

OB 01 HORSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI EAST OF ROMA --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740128		5.6	10.9	7.7			1.6	367	9	51	0.40			
740107			12.6	8.0			2.6	583						
731115		8.9	3.2	7.5			1.2	430			0.30			
731023		14.4	4.1	7.7			0.9		11	43	0.20			
730926		20.0	5.0	7.9			1.3	450			0.40			
730905		23.9	3.4	7.8			1.2	483			0.20			
730724		27.2	4.8	8.0			2.0	550			0.50			
730626		25.6	6.2	7.8			1.6	383			0.50			
730517		15.6	8.9	8.0			1.4	367			0.40			
730424		17.8	5.4	7.4			0.0	183			0.20			
730315		13.9	7.6	7.6			1.3	233			0.30			
730222		2.8	12.2	8.3			2.9	567			0.70			
730122		3.9	10.5	7.5			0.4	183			0.00			
721129		3.3	11.3	7.8			1.9	500			0.50			
721101		12.2	4.8	7.5			3.1	283			0.20			
721016		18.3	1.3	7.7			0.5	533	11	45	0.50			
720918		21.1	1.3	7.8			0.5	433			1.40			
720821		23.9	3.7	7.5			1.2	300			0.20			
720629		22.8	5.1	8.2			0.4	600			0.60			
720601		16.1	5.9	7.8			1.2	550	12	50	0.40	50		
720502		15.0	6.7	7.8			1.2	283			0.20			
720411		8.9	9.2	8.0			0.2	550			0.29			
720308		5.0	12.8	8.4			0.9	600	16	81	0.60	20		
720106		0.6	12.7	8.0			2.2	617						

OB 01 HORSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI EAST OF ROMA --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740916	0.500	0.000	4800	0.20										
740807	0.150	0.005	160	0.15										
740722	1.300	0.010	90	0.12	0.000	0.00	0.00	0.00	0.000	1.8	0.01	0.64	0.0	0.3
740612	0.410	0.010	14000	0.15										
740513	0.210	0.005	9500	0.20										
740409	0.460	0.005	9300	0.25	0.000	0.00	0.00	0.01	0.000	10.0	0.02	0.50	0.4	0.1
740219	0.960	0.010	5400	0.07										
740128	0.920	0.010	7200	0.40	0.000	0.00	0.03	0.05	0.000	22.5	0.03	0.95	0.3	0.2
740107	0.050	0.005	50	0.15										
731115	0.400	0.015	1100	0.20										
731023	0.160	0.005	3900	0.11	0.000	0.00	0.00	0.02	0.000	1.4	0.01	0.47	0.2	0.3
730926	0.180	0.005	1600	0.10										
730905	0.200	0.000	400	0.25										
730724	0.160	0.000	1700	0.20										
730626	0.280	0.005	900	0.15										
730517	0.110	0.005	190	0.16										
730424	0.410	0.006	2300	0.67										
730315	0.470	0.008	4600	0.90										
730222	0.100	0.008	30	0.30										
730122	1.000	0.014	4000	1.10										
721129		0.000	230	0.10										
721101	3.000	0.019	330000	0.70										
721016	0.130	0.000	600	0.43	0.000	0.00	0.00	0.15	0.000	1.5	0.02	1.55	0.0	0.3
720918	0.330	0.000	220	0.38									0.5	
720821	2.800	0.005	95000	1.10									0.5	
720629	0.080	0.000	220	0.20										
720601	0.080	0.000	1700	0.25	0.000	0.00	0.00	0.06	0.000	1.4	0.04	0.17		0.3
720502	0.060	0.010	9100	0.24										
720411	0.040	0.000	30	0.15										
720308	0.020	0.000	10	0.05				0.16	0.000	0.7		0.25		
720106	0.490	0.000	290	0.40										

OB 01 HORSE CREEK
TOWNSHIP ROAD BRIDGE 2 MI EAST OF BUNA --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	COLOR UNITS
740722		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
740409		0.000	0.1	0.2			0.0	0.00	0.000	0.0				
740128		0.005	0.2	0.2			0.0	0.00	0.000	0.0				
731023		0.000	0.0	0.0			0.0	0.00	0.000	0.0				
721016							0.0			0.0				
720601			0.0				0.0		0.000	0.0				
720308						0.14								

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 OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740912	67	24.4	6.8	6.8			0.9	500			0.10			
740807	7.3	23.9	1.7	7.2			0.4	450			0.10			
740731	8.4	26.7	1.9	7.8			1.0	900			0.60			
740606	45	23.3	5.0	7.6			2.2	1067			0.30			
740506	43	8.9	9.3	8.6			3.0	783	26	87	0.30			
740411	126	6.7	10.3	7.7			1.6	417			0.20			
740320	87	8.9	9.2	8.0			2.5	1067			0.40			
740133	171	4.4	10.5	7.5			2.5	733			0.50			
731210	41	1.7	10.9	8.0			4.0	950			0.40			
731119	15	8.9	3.3	7.6			0.9	967	46	225	0.70			
731017	15	13.3	5.1	7.5			3.8				0.90			
731002	21	20.6	3.5	7.5			2.2	1067			0.90			
730905	30	22.8	3.3	7.4			2.3	433			0.50			
730724	43	27.8	4.1	7.7			1.8	1283			0.80			
730611	43	23.3	3.7	7.7			2.8	1250			1.00			
730522	41	18.9	4.8	7.8			4.4	1533			1.00			
730426	109	15.6	5.8	7.8			2.7	917			0.80			
730327	180	8.9	8.3	7.6			2.2	633			0.60			
730220	64	3.3	9.9	7.9			4.1				0.90			
730122	776	3.9	9.5	7.3			0.0	267			0.30			
721130	43	3.9	7.5	7.4			1.4	1283			0.80			
721102	7390	13.9	7.2	7.3			0.4	103			0.20			
721023	12	11.7	3.9	7.7			0.5	1100			0.60			
720918	10	23.3	1.4	7.7			2.2	1133			1.80			
720823	207	24.4	0.0	7.3			1.2	267			0.60			
720703	14	22.8	1.2	8.0			1.4	1433	90	300	1.10	15		
720601	14	17.2	5.7	7.9			2.1	1550			1.00			
720503	68	16.1		7.7			0.2	850			0.80			
720412	41	9.4	4.0	7.8			1.6	1150	58	320	0.84	30		
720309	16	6.1	10.1	8.0			1.3	1617			1.00	20		
711115	5.0	15.0	2.9	7.2		35	0.5					65		
711018	6.1	18.3	2.6	7.5		6	0.2					110		
710805	7.8	22.2	1.7	7.1		39	0.5		71	270	0.40	80	350	160
710623	15			7.7										
710609	17	25.0	4.1	7.5		39	0.7		50	420	1.20	45	529	236
710421	95	20.0	0.0	7.3		87	0.0				2.00	500		
710309	40	6.1	10.4	7.8		31	0.2				1.60	50		
710126	19	2.2	10.1	8.3		46	0.2		53	265	1.70	20	524	274
701007	10	18.3	3.8	7.6		25	1.1		65	233	1.70	90	464	196
700811	20	22.8	3.5	7.2		17	0.5		25	120	1.10	130	308	100
700708	9.8	25.6	3.3	7.5		21	1.1		62	443	1.90	55	474	204
700408	32	15.6	5.9	7.6		20	0.2		54	260	0.90	55	574	234
700304	106	12.2	7.8	7.5		50	0.5				1.20	250		
700107	13	0.6	11.2	7.6		23	1.1		88	185	1.90	25	796	268
691105	16	9.4	6.0	7.6		18	1.4		54	70	1.60	45	552	206
690923		21.1	3.3	7.6		24	0.5		64	154	1.10	65	640	244
690812		25.0	4.9	7.7		21	0.2		60	350	0.70	120	1060	292
690520		19.4	3.8	7.5		19	0.5				0.80	120		
690422		16.1	6.4	7.5		31	3.4				1.00	110		
690325		7.2	9.2	7.7		29	3.4				0.90	330		
690121		2.8	11.7	7.5		15	2.5				0.80	125		
681119		6.1	9.4	7.9		13	2.5				0.60	120		

OC 02 RICHLAND CREEK
TOWNSHIP ROAD BRIDGE 3 MI SOUTH SOUTHEAST OF HECKER --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
681001		20.0	3.1	7.5		21	2.3		100	123	0.60	90	390	240
680820		28.3	1.8	7.2		20	1.1		18	80	0.10	190	124	76
680710		25.6	3.9	7.7		20	5.2		48	154	0.60	90	460	188
680521		17.2	3.6	7.7		17	4.1		44	154	1.00	105	400	192
680409		16.1	7.3	7.4		13	3.8		30	50	0.60	70	396	180
680103		0.6	10.8	6.8		13	2.0		190	54	0.20	40	430	192
671114		9.4	4.2	7.2			0.5		64	77	0.40	36	324	160
671004		20.6	2.3	7.5		22	0.2		112	145	0.50	25	360	244
670822		22.2		7.3		24	0.2		44	62	0.40	38	280	172
670712		27.2	1.7	7.3	4				42	29	0.50	57	268	152
670531		18.3	2.6	7.6	10				52	66	0.50	95	288	192
670426		11.7	0.2	7.4	35				64	50	0.10	200	280	204
670329		17.2	5.8	7.6	7				46	113	0.40	30	392	200
670111		1.7	10.3	7.5	5				85	65	0.50	70	400	216
661026		10.6	3.6	7.3	7				100	135	0.20	65	390	224
660831		25.0	2.3	7.1	5				110	54	0.30	30	292	248
660727		27.8	3.1	7.7	6				115	63	0.30	43	300	308
660608		22.8	1.7	7.3	4				66	55	0.60	95	412	232
660421		10.6	6.9	7.2	7				10	11	0.20	950	112	74
660104		4.4	9.3	7.8	7				12	42	0.50	140	320	224
651102		10.0	2.2	8.0	6				460	200	0.50	12	390	256
650727		25.6	1.8	7.7	4				80	400	0.50	25	304	244
650503		22.2	3.7	7.4	0				64	431	1.00	12	408	204
641208		1.1	7.5	7.3	4				115	320	1.40	15	510	224
640922		22.2	1.5	7.5	9				120	184	1.40	55	490	224
640818		21.1	2.2	7.8	3				230	510	1.30	170	760	324
631028			9.9	7.8	5				21	138	0.20	130	288	240
631021			4.0	7.9	4				8	50	0.40	45	264	228
630715		22.2	5.6	7.2	4				6	70	0.40	600	200	80
630513			5.7	7.3	2				82	170	0.20	150	256	122
630114		1.1	9.6	7.7	78				78	550	3.60	17	720	336
620730		24.4	4.2	7.8	10				92	19	1.70	40	500	220
620123		2.8	11.4	7.0	10				26	165	0.20	50	228	92
601006		17.8		7.6	23				92		12.00	45	260	416
600112		8.9	8.4	7.8	7				85		6.00	30	392	250
580710		22.2	3.1	7.8	3				16			275	240	154

OC 02 RICHLAND CREEK
TOWNSHIP ROAD BRIDGE 3 MI SOUTH SOUTHEAST OF HECKER --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (MG/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740912	0.800	0.010	12000	0.37										
740807	0.230	0.005	330	0.20										
740731	0.070	0.000	140	0.05										
740606	1.000	0.005	850	0.25										
740506	0.150	0.005	580	0.15	0.000	0.00	0.00	0.00	0.006	0.5	0.01	0.22	0.2	0.2
740411	0.480	0.005	1300	0.30										
740320	0.620	0.000	390	0.80										
740130	0.500	0.010	15000	0.40										
731210	0.380	0.005	3000	1.20										
731119	1.300	0.020	1900	3.00	0.010	0.00	0.00	0.00	0.000	1.9	0.02	1.30	0.2	0.6
731017	0.920	0.010	3400	0.60										
731002	0.840	0.012	850	2.20										
730905	1.100	0.015	21000	1.00										
730724	1.100	0.005	2700	3.00										
730611	0.460	0.005	300	0.45										
730522	0.340	0.010	530	0.30										
730426	0.500	0.000	5030	0.40										
730327	0.530	0.012	1800	0.73										
730220	0.920	0.007	180	2.90										
730122	1.400	0.017	3000	1.40										
721130	0.880	0.008	250	0.53										
721102	0.860	0.010	41000	0.61	0.000	0.00	0.02	0.00	0.000	11.0	0.03	0.44		
721023	7.200	0.015	430	4.80									0.0	
720918	1.300	0.010	340	2.90									0.3	
720823	2.400	0.005	100000	0.63									0.0	

OC 02 RICHLAND CREEK
TOWNSHIP ROAD BRIDGE 3 MI SOUTH SOUTHEAST OF HECKER --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
720703	1.550	0.015	120	7.00	0.000	0.00	0.00	0.13	0.000	0.6	0.03	1.46		0.4
720601	0.770	0.005	190	9.50										
720503	0.170	0.010	1400	0.73										
720412	0.400	0.010	600	7.20	0.000	0.00	0.00	0.08	0.000	1.1	0.11	1.47		0.4
720309	1.230	0.010	4000	11.90										
711115	7.015		1000	5.50										
711018	0.457		900	3.20										
710623			210											
700811		0.000	4200		0.000	0.00	0.00	0.00	0.000	0.1	0.00	1.30		0.5
690812		0.000	370		0.000	0.00	0.00	0.00	0.000	0.0	0.07			1.0
680820	0.163	0.006	9000	0.30	0.000	0.00	0.00	0.06	0.000	1.4	0.00	0.40		0.3
671004	3.916	0.005		2.00	0.000	0.00	0.00	0.10	0.000	0.1	0.00	0.10		0.4

OC 02 RICHLAND CREEK
TOWNSHIP ROAD BRIDGE 3 MI SOUTH SOUTHEAST OF HECKER --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	COLOR UNITS
740506		0.003	0.0	0.1			0.0	0.00	0.000	0.0				
731119		0.005	0.1	0.7			0.1	0.00	0.000	0.1				
730220	770													
721102							0.0			0.1				
720703			0.0		0.00		0.0		0.000	0.0				
720412			0.0				0.0		0.000	0.1				
710623	40													
700811			0.0				0.0			0.1				
690812		0.000	0.0				0.0			0.0				
680820		0.000	0.0				0.0			0.0				
671004		0.000	0.0				0.1			0.0				

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740911		24.4	10.2	7.9			0.6	517	10	95	0.20			
740807		23.9	2.3	7.2			0.1	333			0.10			
740731		25.6	2.0	7.3			0.9	950	55	150	0.60			
740725		25.0	2.3	8.0			4.0	1317	70	265	1.00			
740718			2.1	7.7			1.3	667	30	75	0.30			
740709			10.2	8.1			4.1	1150			0.60			
740703		25.6	8.6	7.8			2.0	1317			0.50			
740606		23.3	5.1	7.6			2.3	1067	30	300	0.60			
740509		13.3	10.8	7.7			0.9	767			0.20			
740411		7.8	9.7	7.7			1.0	400			0.20			
740320		8.3	10.5	8.0			2.5	1133	35	375	0.50			
740130		3.9	11.3	7.7			3.0	900			0.90			
731211		0.6	11.5	7.9			4.0	1117	43	335	0.60			
731119		8.3	8.4	7.9			2.0	1133			0.80			
731017		11.1	7.6	7.7			0.9				0.90			
730905		22.8	5.0	7.6			2.7	833			0.80			
730724		27.2	4.5	7.7			0.3	800			1.10			
730626		25.6	6.2	7.8			2.1	1433			1.00			
730522		18.9	5.2	7.9			1.9	1583			1.40			
730426		13.3	7.0	7.8			2.5	1100			0.70			
730327		8.9	9.4	7.8			2.5	867			0.70			
730220		3.3	10.5	7.9			4.4	1350			1.10			
730122		3.9	10.8	7.6			1.2	533			0.60			
721130		3.9	9.5	7.7			2.3	1283			0.90			
721102		13.3	7.4	7.1			0.7	217			0.20			

OC 03 RICHLAND CREEK
COUNTY ROAD BRIDGE 3 MI SOUTH 3 MI WEST OF FREEBURG --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
721023		11.1	6.9	7.7			5.0	1017			1.80			
720918		23.3	6.0	8.0			1.2	1667	76	420	1.20			
720823		23.9	4.3	7.1			1.1	467	23	100	1.10	240		
720703		22.2	5.0	8.0			1.3	1400			1.60			
720601		17.8	6.7	8.1			0.0	1583			1.00			
720503		15.0	7.5	7.9			0.4	1083	39	380	0.80	40		
720309		5.6	11.8	8.1			1.0	1650	72	290	1.00	10		
720105		0.6	11.0	8.1			2.6	1850	87	480				

OC 03 RICHLAND CREEK
COUNTY ROAD BRIDGE 3 MI SOUTH 3 MI WEST OF FREEBURG --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740911	0.250	0.000	650	0.07	0.028	0.00	0.00	0.00	0.000	0.2	0.01	0.10	0.0	0.3
740807	0.080	0.005	160	0.16										
740731	0.410	0.010	0	0.13	0.000	0.00	0.00	0.00	0.000	0.7	0.00	0.50	0.2	0.6
740725	2.000	0.015	200	2.10	0.000	0.00	0.00	0.00	0.000	0.8	0.02	0.94	0.0	0.9
740718	0.740		0	0.40	0.000	0.00	0.00	0.05	0.000	0.8	0.01	1.28	0.0	0.4
740709	2.700	0.010	510	0.90										
740703	2.300	0.005	1700	0.11										
740606	1.000	0.010	600	0.25	0.000	0.00	0.00	0.03	0.000	3.1	0.01	0.89	0.0	0.4
740509	1.300	0.000	63000	0.10										
740411	0.380	0.005	830	0.30										
740320	0.850	0.000	560	0.55	0.000	0.00	0.00	0.00	0.000	1.0	0.00	0.80	0.2	0.5
740130	0.610	0.005	23000	0.60										
731211	2.400	0.005	48000	1.40	0.010	0.00	0.00	0.02	0.000	1.2	0.02	1.18	0.0	0.4
731119	1.000	0.020	2900	3.50										
731017	2.600	0.010	2200	2.20										
730905	2.700	0.010	110000	3.00										
730724	2.200	0.010	1000000	0.95										
730626	2.800	0.010	1200	1.20										
730522	2.800	0.015	3300	1.60										
730426	0.480	0.006	26000	0.45										
730327	0.560	0.010	1200	1.30										
730220	2.600	0.007	690	4.80										
730122	0.990	0.010	3900	1.00										
721130	1.300	0.008	280	1.70										
721102	0.760	0.007	12000	0.50										
721023	2.600	0.016	40000	5.70										
720918	1.800	0.013	2600	2.50	0.000	0.00	0.00	0.25	0.000	0.4	0.04	0.60	0.3	0.8
720823	1.950	0.005	360000	0.19	0.000	0.00	0.00	0.24	0.000	10.0	0.06	1.02		0.3
720703	1.920	0.015	5500	0.05									0.0	
720601	1.720	0.010	48000	7.60										
720503	0.360	0.000	9700	2.85	0.000	0.00	0.00	0.07	0.000	1.8	0.02	1.00		0.3
720309	1.020	0.000	1400	8.80				0.06	0.005	0.5		1.32		
720105	1.460	0.000	33000	6.00					0.007	1.3		1.18		0.6

OC 03 RICHLAND CREEK
COUNTY ROAD BRIDGE 3 MI SOUTH 3 MI WEST OF FREEBURG --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	COLOR UNITS
740911		0.000	0.3	0.2			0.0	0.00	0.000	0.0				
740731		0.000	0.0	0.3			0.0	0.00	0.000	0.0				
740725		0.000	0.0	1.4			0.1	0.00	0.000	0.0				
740718		0.008	0.0	0.3			0.1	0.00	0.000	0.1				
740606		0.000	0.0	0.4			0.0	0.00	0.000	0.1				
740320		0.001	0.0	0.5			0.0	0.00	0.000	0.0				
731211		0.000	0.0	0.6			0.0	0.00	0.000	0.2				
720918		0.000	0.0	2.3			0.1	0.00	0.000	0.1				
720823		0.000	0.1	0.7	0.00		0.0	0.00	0.000	0.1				

OC 03 RICHLAND CREEK
COUNTY ROAD BRIDGE 3 MI SOUTH 3 MI WEST OF FREEBURG --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
720503			0.0				0.1		0.000	0.0				
720309						0.20								
720105						0.06								

OD 04 SILVER CREEK
COUNTY ROAD BRIDGE 9 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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740911	89	24.4	5.2	7.8			0.7	733			0.20			
740807	45	21.1	1.9	7.2			0.4	467			0.20			
740731	12	26.1	2.2	7.6			0.2	267	8	35	0.10			
740606	2520	23.3	6.5	7.1			1.2	200			0.20			
740509	110	13.3	11.3	8.1			1.4	650			0.30			
740411	1540	6.7	9.6	7.7			1.7	433	12	72	0.20			
740320	422	8.3	10.1	7.8			1.6	467			0.30			
740130	1710	4.4	10.6	7.4			1.2	300	14	60	0.40			
731211	225	0.6	12.0	7.6			0.9	450			0.20			
731119	13	8.3	6.0	7.6			0.7	917			0.50			
731017	16	11.7	7.4	8.0			0.7		29	180	0.40			
731002	31	20.6	6.6	7.7			1.0	783			0.50			
730905	40	22.8	3.5	7.5			0.7	200			0.10			
730724	21	27.2	6.3	7.9			0.8	767			0.50			
730626	678	25.6	6.7	7.4			0.8	333			0.30			
730522	105	18.9	7.9	7.9			1.9	717			0.60			
730426	4370	16.1	6.2	7.6			0.4	200			0.30			
730327	1130	10.0	8.9	7.8			1.3	400			0.40			
730220	307	1.7	12.1	7.8			2.4	483			0.60			
730122	1000	3.3	10.7	7.6			0.7	367			0.50			
721130	282	3.3	11.2	7.6			1.6	533			0.60			
721102	4780	13.9	7.2	7.2			0.2	200			0.20			
721023	17	11.7	7.2	7.7			1.0	767	34	180	0.80			
720918	9.1	23.3	5.9	7.9			0.7	617			0.60			
720823	48	25.6	5.8	7.4			0.6	417			0.60			
720703	11	22.8	5.6	8.0			1.0	583			0.40			
720601	32	18.3	6.9	8.0			0.5	817	32	150	0.50	50		
720503	450	15.6	6.4	7.6			0.2	450			0.50			
720412	620	9.4	7.7	7.8			1.0	583			0.57			
720309	65	4.4	13.5	8.0			1.2	727	37	100	0.60	20		
720105	68	0.6	12.5	7.9			1.2	683	30	140				
711115	1.7	14.4	9.4	7.2		23	0.0					60		
711018	2.0	17.8	7.4	7.4		19	0.0					75		
710804	12	23.3	6.8	7.4		27	0.2				0.20	140		
710609	126	25.0	5.5	7.7		38	0.2				0.80	420		
710421	131	21.1	6.8	7.7		26	0.0				1.00	300		
710309	193	5.0	12.3	7.8		25	0.2				1.30	80		
710126	29	1.7		8.4		36	0.2		38	208	1.50	15	364	220
701007	12	18.9	7.4	7.6		26	0.2				0.90	130		
700811		23.9	5.7	7.4		17	0.2		18	95	0.60	210	164	108
700708		26.7	7.4	7.6		20	0.2				0.80	80		
700408		15.0	9.9	7.7		20	0.0				0.70	95		
700304		10.6	10.0	7.9		30	0.0				0.90	90		
700107		0.6	15.7	7.7		21	0.2		42	137	1.10	25	406	236
691105		10.0	9.1	7.6		11	0.2				0.80	40		
690923		20.6	6.8	7.4		28	0.0				0.40	190		
690812		25.6	6.9	7.6		18	0.0				0.50	140		
690520		20.6	8.1	7.8		16	0.0				0.50	160		
690422		16.7	6.6	7.3		33	0.7				0.40	170		
690325		7.2	9.2	7.7		36	2.3				0.50	950		
690121		1.7	11.9	7.3		24	1.4				0.40	250		
681119		7.2	9.1	7.8		19	0.7				0.20	300		
681001		20.6	7.2	7.7		12	1.4				0.30	147		
680820		30.0	6.9	7.8		12	0.9		23	86	0.20	80	172	112
680710		26.7	7.8	7.8		12	0.7				0.20	150		
680521		17.2	7.6	7.4		15	1.6				0.50	165		

OD 04 SILVER CREEK
COUNTY ROAD BRIDGE 4 MI SOUTH 1.5 MI EAST OF FREEBURG —CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
680409		15.0	8.8	7.6		17	1.1				0.50	200		
680103		0.6	10.8	7.4		15	0.2				0.20	53		
671114		8.9	10.0	7.7			0.0				0.30	80		
671004		21.7	7.6	8.1		15	0.7		35	34	0.20	170	204	148
670822		22.2		7.2		19					0.20	310		
670712		27.2	6.1	7.5	3				42	26	0.30	170	248	164
670531		17.8	6.6	7.6	3				26	36	0.20	400	228	156
670426		12.2	8.5	7.7	2				34	28	0.10	100	260	176
670329		16.7	7.8	7.7	3				20	31	0.20	190	192	110
670111		1.7	11.8	7.6	4				42	45	0.30	35	352	162
661026		11.7	7.6	7.5	3				20	17	0.20	180	188	124
660831		26.1	8.6	7.8	5				21	15	0.00	90	198	128
660727		28.3	8.0	7.8	4				32	48	0.20	67	308	224
660608		24.4	6.0	7.6	4				28	31	0.50	230	284	196
660421		14.4	6.5	7.3	6				15	14	0.00	550	156	106
660301		5.0	11.4	7.5	2				34	45	0.30	55	328	180
660104		5.6	9.3	7.9	3				11	20	0.30	330	136	92
651102		10.0	8.8	8.2	1				32	45	0.20	55	244	224
650727		26.1	5.2	8.2	2				20	26	0.20	110	176	152
650503		21.1	6.0	7.5	2				24	100	0.30	340	162	100
650216		3.9	11.6	7.5	4				34	43	0.30	180	160	152
641208		1.7	10.6	7.5	5				32	124	0.70	45	272	176
640818		23.3	6.8	8.1	2				18	148	0.50	90	292	266
630715		24.4	5.0	7.8	4				12	48	0.20	1300	80	68
630114		1.1	12.0	7.5	5				40	103	0.40	45	264	154
620730		24.4	5.8	7.5	4				23	88	0.20	95	172	128
620123		0.0	9.8	7.1					20	75	0.00	110	188	100
601006		17.8	4.8	7.5	5				41		0.00	80	272	236
590112		7.8	11.5	8.0	3				66		2.00	75	268	170
580710		23.3	3.8	7.8	2				22			125	282	172

OD 04 SILVER CREEK
COUNTY ROAD BRIDGE 4 MI SOUTH 1.5 MI EAST OF FREEBURG --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740911	0.190	0.000	8000	0.07										
740807	0.230	0.005	80	0.20										
740731	0.110	0.005	170	0.05	0.000	0.00	0.00	0.00	0.000	0.7	0.00	0.60	0.2	0.3
740606	0.620	0.015	360	0.20										
740509	0.110	0.005	1600	0.05										
740411	0.440	0.005	2500	0.30	0.000	0.00	0.00	0.01	0.000	6.8	0.03	0.20	0.2	0.1
740320	0.480	0.010	350	0.25										
740130	0.430	0.010	800	0.35	0.000	0.00	0.00	0.01	0.000	6.9	0.02	0.15	0.4	0.2
731211	0.480	0.005	230	0.38										
731119	0.640	0.010	110	0.10										
731017	0.480	0.010	370	0.10	0.000	0.00	0.00	0.00	0.000	1.3	0.01	0.87	0.0	0.5
731002	0.360	0.005	380	0.15										
730905	1.200	0.010	17000	0.45										
730724	0.320	0.000	1900	0.20										
730626	0.540	0.005	100	0.30										
730522	0.340	0.007	200	0.10										
730426	0.340	0.008	400	0.48										
730327	0.420	0.010	800	0.55										
730220	0.380	0.008	10	0.46										
730122	0.590	0.010	1600	0.81										
721130	0.380	0.006	10	0.25										
721102	0.730	0.010	15000	0.52										
721023	0.210	0.005	500	0.20	0.000	0.00	0.00	0.04	0.000	1.5	0.01	0.65	0.0	0.3
720918	0.190	0.000	600	0.16									0.5	
720823	0.550	0.005	1300	0.18									0.0	
720703	0.170	0.005	120	0.15									0.0	
720601	0.210	0.010	560	0.22	0.000	0.00	0.00	0.05	0.000	1.6	0.05	0.26		0.4
720503	0.170	0.010	200	0.50										
720412	0.190	0.000	0	0.25										
720309	0.270	0.000	100	0.10				0.06	0.000	0.8		0.38		
720105	0.420	0.000	530	0.90					0.000	0.8		0.60		0.3

OD 04 SILVER CREEK
COUNTY ROAD BRIDGE 4 MI SOUTH 1.5 MI EAST OF FREEBURG --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
711115	0.065		100	0.20										
711018	0.196		100	0.30										
700811		0.000	800		0.000	0.00	0.00	0.00	0.000	0.1	0.00	0.20		0.3
690812		0.000	10		0.000	0.00	0.00	0.00	0.000	0.0	0.00			0.5
680820	0.098	0.007	50	0.20	0.000	0.00	0.00	0.10	0.000	0.0	0.00	0.20		0.5
671004	0.326	0.000		1.00	0.000	0.00	0.00	0.10	0.000	0.3	0.00	0.30		0.3

OD 04 SILVER CREEK
COUNTY ROAD BRIDGE 4 MI SOUTH 1.5 MI EAST OF FREEBURG --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	COLOR UNITS
740731		0.000	0.0				0.0	0.00	0.000	0.1				
740411		0.000	0.1	0.2			0.0	0.00	0.000	0.1				
740130		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
731017		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
721023		0.000	0.0	0.4			0.0	0.00	0.000	0.0				
720601			0.0				0.0		0.000	0.0				
720309						0.09								
720105						0.04								
700811			0.0				0.0			0.0				
690812		0.000	0.0				0.0			0.0				
680820		0.000	0.0				0.0			0.0				
671004		0.000	0.0				0.0			0.0				

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	HBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740926		22.8	9.2	7.7			0.0	817			0.20			
740911		25.6	6.7	7.8			0.7	733	10	100	0.20			
740807		23.9	2.0	7.0			0.3	400			0.10			
740717		27.2	3.8	8.1			4.5	1267			0.60			
740610		18.9	7.7	7.9			1.0	667			0.50			
740507			7.4	7.6			0.1	350	8	17	0.60			
740411		6.7	8.7	7.6			1.0	383			0.20			
740328			14.2	8.2			2.2	783			0.40			
740228		5.0	10.9	7.6			1.7	317			0.20			
740130		4.4	10.4	7.4			1.2	250			0.40			
731211		0.0	12.2	7.6			1.1	350			0.20			
731127		8.9	7.3	7.2			0.9	217	14	77	0.20			
731017		11.1	5.9	7.6			1.7				0.60			
730925		17.8	6.0	7.7			1.9	417			0.60			
730904		25.0	5.1	7.8			0.9	467			0.30			
730725		27.2	3.7	7.6			1.4	450			0.60			
730620		26.1	5.2	7.2			1.4	167			0.20			
730522		20.0	6.3	7.9			1.8	617			0.70			
730417		12.8	7.4	7.7			0.8	333			0.40			
730327		9.4	8.8	7.7			1.0	350			0.30			
730220		2.2	12.5	7.8			2.1	467			0.60			
730103		1.7	11.3	7.4			1.2	200			0.40			
721130		3.3	11.8	7.5			1.1	550			0.50			
721102		13.9	6.2	7.1			0.1	58			0.10			
721023		11.1	6.0	7.5			5.3	583			1.50			
720918		23.9	4.6	7.8			1.7	383			0.70			
720823		25.0	2.4	6.9			1.1	250	14	34	1.10	150		
720703		22.2	4.5	8.0			1.8	483			0.70			
720601		17.8	5.2	8.0			0.4	700			0.60			
720503		16.7	6.0	7.7			0.2	433	18	90	0.50	200		

OD 05 SILVER CREEK
ROUTE 177 BRIDGE 0.5 MI WEST OF MASCOUTAH --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	NBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
720412		12.2	7.1	7.2			1.9	183			0.63			
720309		4.4	11.5	7.8			1.2	633			0.60	25		
720105		0.6	12.2	7.9			1.5	702						

OD 05 SILVER CREEK
ROUTE 177 BRIDGE 0.5 MI WEST OF MASCOUTAH --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740926	0.120	0.030	340	0.00										0.4
740911	0.180	0.000	2000	0.07										
740807	0.200	0.000	40	0.23	0.000	0.00	0.00	0.00	0.000	0.6	0.00	0.50	0.0	
740717	2.100	0.010	800	1.30										
740610	0.110	0.000	3100	0.15										
740507	0.310	0.015	270	0.15	0.000	0.00	0.00	0.00	0.000	3.1	0.02	0.62	0.0	0.2
740411	0.120	0.010	360	0.30										
740328	0.160	0.000	45000	0.20										
740228	0.420	0.005	610	0.30										
740130	0.490	0.010	1600	0.45										
731211	0.600	0.010	150	0.45										
731127	1.100	0.020	14000	0.45	0.000	0.00	0.00	0.05	0.000	16.0	0.05	0.60	0.0	0.3
731017	2.200	0.010	5600	0.15										
730925	1.500	0.005	3000	0.25										
730904	1.000	0.005	3000	0.15										
730725	0.900	0.000	100	0.35										
730620	1.000	0.010	3400	0.45										
730522	0.640	0.007	390	0.10										
730417	0.470	0.016	2700	0.38										
730327	0.380	0.012	1500	0.44										
730220	0.350	0.008	30	0.46										
730103	0.360	0.010	300	0.22										
721130	0.370	0.006	160	0.15										
721102	0.650	0.010	22000	0.55										
721023	6.000	0.010	1000	0.21										
720918	1.400	0.000		0.10									0.5	
720823	1.210	0.005	5500	0.40	0.000	0.00	0.02	0.13	0.000	6.0	0.03	0.59		0.2
720703	1.260	0.005	440	0.05									0.0	
720601	0.680	0.005	1200	0.36										
720503	0.180	0.000	100	0.20	0.000	0.00	0.00	0.11	0.000	6.2	0.02	0.80		0.2
720412	0.140	0.015	9500	0.58										
720309	0.460	0.000	100	0.20										
720105	0.490	0.000	80	0.90										

OD 05 SILVER CREEK
ROUTE 177 BRIDGE 0.5 MI WEST OF MASCOUTAH --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740807		0.000	0.0	0.1			0.0	0.00	0.000	0.2				
740507		0.003	0.0	0.0			0.0	0.00	0.000	0.0				
731127		0.000	0.0	0.2			0.0	0.00	0.000	0.2				
720823		0.000	0.1	0.3	0.02		0.0	0.00	0.000	0.1				
720503			0.0				0.0		0.000	0.1				

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740905	21	20.0	2.0	7.8			1.2	267			3.00			
740807	1.8	21.1	1.3	7.1			0.4	450			0.10			
740709	4.2	27.2	5.0	7.7			1.2	750			0.30			
740611	62	20.6	7.7	7.6			2.1	433			0.60			
740513	87	15.6	6.0	7.7			0.9	733			0.50			
740409	562		10.1	7.2			1.1	217			0.30			
740327	215	15.6	0.0	8.1			2.7	350	16	41	0.30			
740225	718	1.7		7.5			1.3	333			0.20			
740130	1100	4.4	10.9	7.2			0.4	217			0.40			
731211	34		12.7	7.8			0.9	367	21	40	0.20			
731126	428	8.3	8.9	7.4			1.0	233			0.20			
731017	0.80	11.1	1.6	7.4			0.0				0.40			
731002	32	21.1	4.3	7.5			0.1	300			0.40			
730904	0.72	23.9	4.0	7.6			0.8	383			0.40			
730725	34	26.1	5.0	7.9			0.4	583			0.40			
730625	41	25.6	5.0	8.0			1.1	433			0.50			
730522	34	18.3	4.2	7.9			1.7	750			0.70			
730426	290	15.6	6.7	7.7			0.5	350			0.30			
730312	2000	9.4	7.7	7.3			0.8	167			0.30			
730201	83	4.4	11.2	7.6			1.5	400			0.40			
730103	300	1.7	11.7	7.5			1.1	333			0.50			
721130	25	2.8	10.4	7.6			0.3	350			0.40			
721102	594	12.8	6.2	7.2			0.4	130			0.20			
721023	2.2	10.0	2.0	7.4			0.0	450			0.70			
720918	0.83	23.3	2.5	7.4			0.3	300	19	31	0.40			
720822	67	23.3	0.7	7.3			0.4	200			0.70			
720703	12	21.1	2.3	8.3			0.2	650	66	50	0.60	45		
720601	4.4	15.6	3.5	8.0			0.4	817			0.60			
720504	70	13.9	7.4	8.2			0.6	483			0.50			
720412	813	15.3	6.1	7.2			1.4	183	11	37	0.63	550		
720306	16	7.2		8.2			0.4	790			0.60	15		
720105	14	0.6	13.0	7.7			1.5	1017						

OD 06 SILVER CREEK
US 40 BRIDGE 3 MI WEST OF SAINT JACOB --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740905	0.280	0.015	12000	0.52										
740807	0.230	0.005	4000	0.22										
740709	0.610	0.010	860	0.25										
740611	0.600	0.010	8400	0.20										
740513	0.260	0.005	340	0.25										
740409	0.420	0.005	1800	0.45										
740327	0.120	0.005	130	0.10	0.000	0.00	0.00	0.00	0.000	1.8	0.01	0.00	0.0	0.2
740225	0.400	0.010	1700	0.90										
740130	0.460	0.010	540	0.45										
731211	0.160	0.005	2400	0.30	0.000	0.00	0.00	0.00	0.000	1.5	0.01	0.15	0.2	0.2
731126	0.780	0.010	54000	0.45										
731017	0.400	0.010	360	0.35										
731002	0.500	0.012	1400	0.35										
730904	0.420	0.010	2800	0.20										
730725	0.240	0.010	300	0.20										
730625	0.240	0.010	1000	0.15										
730522	0.220	0.010	360	0.20										
730426	0.260	0.006	2000	0.35										
730312	0.470	0.017	300	0.90										
730201	0.360	0.013	1400	0.45										
730103	0.370	0.012	1500	0.18										
721130	0.230	0.006	100	0.13										
721102	0.880	0.015	51000	0.53										
721023	0.310	0.023	150	0.24										
720918	0.840	0.010	300	1.00	0.000	0.00	0.04	0.22	0.000	24.0	0.06	2.56	1.0	0.3
720822	0.490	0.005	1600	0.50										
720703	0.140	0.010	570	0.05	0.000	0.00	0.00	0.07	0.000	1.7	0.03	2.46	1.0	0.3

OD 06 SILVER CREEK
US 40 BRIDGE 3 MI WEST OF SAINT JACOB --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLUOR-IDE (MG/L)
720601	0.130	0.010	740	0.38										
720504	0.100	0.015	400	0.20										
720412	0.130	0.010	2900	0.26	0.000	0.00	0.00	0.17	0.000	2.5	0.10			0.2
720306	0.180	0.000	10	0.10										
720105	0.280	0.000	530	0.90										

OD 06 SILVER CREEK
US 40 BRIDGE 3 MI WEST OF SAINT JACOB --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740327		0.001	0.0	0.1			0.0	0.00	0.000	0.0				
731211		0.000	0.0	0.0			0.0	0.00	0.000	0.0				
720918		0.020	0.5	0.3			0.1	0.00	0.000	0.2				
720703			0.0		0.00		0.0		0.000	0.0				
720412			0.2				0.1		0.010	0.2				

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 OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740801	2.3	23.9	1.5	7.9			1.2	1150			0.60			
740717	1.7	27.2	2.6	8.3			0.2	1000	65	85	0.30			
740610	126	18.9	8.5	6.7			1.3	433			0.50			
740507	12	7.8	9.5	7.5			0.1	383			0.40			
740415	88	6.7	9.4	7.8			3.0	400			0.30			
740327	193	15.6	9.2	7.5			0.1	300			0.10			
740228	337	5.0	11.2	7.7			1.8	383			0.20			
740131	94	6.1	10.7	7.7			1.4	450	19	73	0.50			
740102	40		12.5	7.4			2.3	517			0.60			
731121	3.6	9.4	1.8	7.5			0.1	933			0.80			
731017	1.4	13.3	7.4	7.8			1.0		80	40	1.00			
730925	3.8	17.8	5.6	7.7			1.2	467			0.50			
730904	0.60	26.1	3.5	7.9			0.7	950			0.60			
730726	30	26.1	4.3	7.4			1.1	250			0.30			
730620	1850	26.1	5.4	7.3			1.6	167			0.30			
730529	50	16.7	5.8	7.7			1.5	500			0.60			
730417	443	12.8	6.9	7.6			0.4	267			0.40			
730327	189	9.4	8.4	7.7			0.7	300			0.30			
730220	28	1.7	11.9	7.9			2.0	683			0.70			
730131	35	1.7	12.0	7.7			1.4	533			0.50			
730103	176	1.1	12.3	7.8			2.0	483			0.60			
721114	1920	6.1	8.6	7.3			0.5	113			0.30			
721019	0.50	7.2	8.5	8.0			0.4	800	55	78	0.70			
720918		23.9	4.3	7.9			0.7	567			0.60			
720822		23.3	3.8	7.0			0.8	200			0.70			
720802		23.3	2.6	7.9			1.5	517			0.90			
720605		25.6	4.3	8.1			0.0	567	36	96	0.60	65		
720503		16.7	6.8	8.1			0.3	650			0.70			
720413		15.6	4.8	7.4			2.2	283			0.75			
720224		2.8	11.6	7.6			2.5	897	74	92	1.00	30		
720118		1.1	10.0	7.6			1.8	748						

OH 01 SUGAR CREEK
WEST ROUTE 161 BRIDGE 4 MI EAST OF NEW BADEN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLUOR-IDE (MG/L)
740801	0.380	0.010	80	0.05										
740717	0.520	0.010	200	0.35	0.000	0.00	0.00	0.25	0.000	1.4	0.02	0.50	0.0	0.5
740610		0.010	4300	0.20										
740507	0.360	0.010	15000	1.90										
740415	0.190	0.005	60	0.10										
740327	0.540	0.010	350	0.20										
740228	0.590	0.005	5900	0.35										
740131	0.510	0.005	3800	0.50	0.000	0.00	0.00	0.00	0.000	3.2	0.01	0.30	0.0	0.3
740102	0.950	0.010	1800	0.60										
731121	3.800	0.035	5000	0.80										
731017	0.760	0.010	2300	0.45	0.000	0.00	0.00	0.00	0.000	1.4	0.02	0.75	0.0	1.1
730925	0.480	0.010	12000	0.35										
730904	0.480	0.015	3300	0.50										
730726		0.010	8600	0.85										
730620	0.720	0.005	3700	0.40										
730529	0.760	0.010	3100	0.43										
730417	0.730	0.016	11000	0.53										
730327	0.480	0.015	4800	0.45										
730220	0.670	0.008	720	0.84										
730131	0.560	0.018	2500	0.52										
730103	0.530	0.007	2700	0.22										
721114	0.780	0.015	36000	0.50										
721019	0.540	0.014	700	0.20	0.000	0.00	0.00	0.08	0.000	0.8	0.02	0.30	0.0	0.4
720918	0.350	0.010	1700	0.13									0.2	
720822	0.710	0.005	11000	0.35									1.0	
720802	1.200	0.025	6000	0.96									0.4	
720605	0.360	0.010	1100	0.18	0.000	0.00	0.00	0.06	0.000	2.9	0.04	0.66		0.4
720503	0.340	0.010	300	0.15										
720413	0.300	0.015	8800	0.63										
720224	0.760	0.010	90	1.20					0.000	1.1		0.06		
720118	0.670	0.012	50	0.75										

OH 01 SUGAR CREEK
WEST ROUTE 161 BRIDGE 4 MI EAST OF NEW BADEN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	COLOR UNITS
740717		0.000	0.0	0.4			0.0	0.00	0.000	0.0				
740131		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
731017		0.009	0.0	0.5			0.0	0.00	0.000	0.1				
721019							0.0			0.0				
720605			0.0				0.0		0.000	0.0				
720224						0.38								
720118											9000			

01 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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740801	41		1.9	8.1			1.6	333	13	20	0.20			
740717	56	26.7	2.3	8.4			1.9	333			0.20			
740610	1510	18.9	7.7	7.7			1.2	433			0.50			
740507	248	13.3	8.1	7.7			1.1	733	25	160	0.30			
740415	1170	6.1	9.5	7.8			3.0	400			0.30			
740327	687	15.6	9.8	7.6			0.3	250			0.10			
740228	1960	4.4	11.0	7.6			1.4	350	18	61	0.20			
740131	4540	5.6	10.3	7.5			1.2	250			0.30			
740102	942		12.2	7.3			1.7	367			0.50			
731121	98	8.9	6.1	7.8			0.5	650	36	95	0.50			

01 05 SHOAL CREEK
ROUTE 161 BRIDGE 1 MI SOUTHEAST OF GERMANTOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
731017	137	13.9	8.4	7.7			0.7				0.40			
730925	52	17.8	7.0	7.8			0.7	533			0.40			
730904	58	26.1	6.0	8.0			0.1	617	34	62	0.10			
730726	2950	26.7	5.0	7.3			1.2	1667			1.50			
730620	3480	26.1	5.0	7.2			1.4	150			0.20			
730529	318	17.2	7.0	8.0			0.4	617	43	81	0.30			
730417	1210	12.8	7.8	7.8			1.0	467			0.40			
730327	3130	9.4	8.7	7.7			0.6	250			0.20			
730220	275	1.7	12.5	7.7			2.1	533	33	84	0.50			
730131	583	1.7	12.2	7.8			1.6	517			0.40			
730103	12000	1.1	11.2	7.5			1.3	217			0.50			
721114	2060	6.7	8.4	7.5			0.5	250			0.30			
721019	9.4	9.4	9.4	7.9			0.6	533			0.60			
720918	22	24.4	7.3	7.9			0.4	483			0.40			
720822	26	25.0	4.7	7.2			0.6	417			0.70			
720802	19	23.9	4.7	7.8			0.6	433	41	51	0.60	50		
720605	43	25.0	6.3	8.2			0.0	983			0.60			
720503	577	16.1	6.9	8.0			0.1	567			0.60			
720413	1720	15.6	5.5	7.5			1.3	383	21	85	0.63	550		
720224	114	3.3	12.8	7.7			1.5	853			0.80	15		
720118	96	1.1	12.2	7.6			1.2	747						
711115	19	13.9	8.5	7.3		23	0.2					60		
711018	7.9	17.8	8.0	7.7		18	0.0					65		
710804	27	23.3	6.5	7.5		21	0.0				0.10	85		
710610	66	23.9	5.3	7.5		34	0.2				0.70	300		
710422	146	17.2	7.6	7.9		44	0.0				0.70	180		
710310	453	3.9	11.9	7.7		31	0.0				1.20	170		
710127	55	0.0	13.7	8.3		34	0.2				1.10	20		
701008	24	18.3	6.5	7.6		26	0.2				0.90	120		
700812	89	23.3	5.9	7.6		16	0.0		23	39	0.50	120	240	204
700709	79	23.9	6.9	7.7		15	0.0				0.50	90		
700409	287	13.3	9.4	7.7		19	0.2				0.70	110		
700305	1230	9.4	8.9	7.8		35	0.0				0.90	500		
700108	83	0.0	16.0	7.7		15	0.0				0.80	20		
691106	141	9.4	9.6	7.7		7	0.0				0.60	25		
690924	392	18.3	7.5	7.5		22	0.0				0.50	160		
690813	45	23.9	6.7	7.6		16	0.0				0.30	180		
690521	141	18.9	6.9	7.8		16	0.0				0.40	130		
690423	7770	13.9	7.2	7.5		32	1.1				0.40	260		
690326	3000	6.1	10.0	7.7		33	1.8				0.50	1200		
690122	1030	1.1	11.5	7.2		24	1.6				0.40	250		
681120	233	5.6	9.3	7.8		18	0.7				0.30	230		
681002	12	19.4	7.1	7.9		9	0.2				0.20	118		
680821	83	27.2	5.5	7.7		13	1.1		31	65	0.20	100	168	120
680711	41	24.4	6.7	7.8		12	0.2				0.20	200		
680522	125	16.1	7.7	7.8		16	1.1				0.50	140		
680410	383	13.3	8.8	7.6		14	1.4				0.40	230		
680104	266	0.6	12.3	7.4		13	0.2				0.10	20		
671115	89	7.2	9.0	7.7			0.0				0.20	55		
671005	27	20.0	7.3	8.1		11	0.0		45	20	0.10	80	244	152
670823	210	21.1		7.2		10					0.20	330		
670713	5530	24.4	4.3	7.2	2				5	4	0.10	600	58	40
670601	613	17.8	7.6	8.0	4				22	38	0.10	150	316	252
670427	373	11.7	9.2	7.8	3				30	28	0.20	120	208	204
670330	520	15.0	8.8	7.5	2				20	20	0.20	100	280	160
670112	108	0.6	12.0	7.6	1				42	70	0.20	25	360	236
661027	38	9.4	8.5	7.4	2				22	19	0.40	85	196	136
660901	90	24.4	7.2	7.9	7				17	9	0.00	80	172	136
660728	94	27.2	6.5	8.0	3				16	11	0.10	90	196	136
660609	139	23.3	6.5	7.7	5				34	26	0.40	110	320	232
660421	2200	14.4	6.3	7.3	6				18	19	0.20	900	184	140
660301	510	4.4	11.5	7.6	2				46	29	0.20	70	304	184
660104	717	5.6	8.7	7.8	3				4	13	0.20	330	122	116
651102	0.7	10.8	7.2	7.5	3				46	66	0.00	35	304	312
650727	18	25.6	5.9	8.1	3				33	28	0.20	120	132	120
650503	337	20.0	6.6	7.4	2				23	108	0.20	250	212	[illegible]
650216	79	4.4	10.1	7.2	4				48	54	0.20	260	176	[illegible]
641208	24	1.7	9.2	7.3	4				28	128	0.40	350	280	[illegible]
640922	8.4	22.2	4.1	7.5	1				42	128	0.20	45	176	[illegible]
640818	5.5	24.4	8.0	8.0	4				18	92	0.30	130	292	224
630715	302	24.4	4.6	7.7	3				10	50	0.20	2000	182	82

01 05 SHOAL CREEK
ROUTE 161 BRIDGE 1 MI SOUTHEAST OF GERMANTOWN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
630114	60	1.1	13.0	7.8	2				45	118	0.40	15	320	222
620730	43	25.6	5.6	7.6	4				31	63	0.20	65	240	180
620123	362	2.8	9.8	7.1	3				29	88	0.00	8	212	134
601006	12	20.0	4.5	7.5	4				114		0.00	65	232	172
590716	9.6	22.2	4.9	8.0	3				41		0.00	90	308	258
590112	58	7.8	10.5	8.1	2				85		2.00	18	300	200
580710	53	25.6	5.1	7.7	1				20			200	200	154

01 05 SHOAL CREEK
ROUTE 161 BRIDGE 1 MI SOUTHEAST OF GERMANTOWN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740801	0.130	0.000	10	0.05	0.000			0.00	0.000	0.3	0.00	0.10	0.8	0.2
740717	0.250	0.010	0	0.10										
740610	0.280	0.010	2900	0.25										
740507	0.310	0.010	190	0.10	0.000	0.00	0.00	0.00	0.000	1.5	0.01	0.72	0.0	0.3
740415	0.170	0.005	10	0.05										
740327	0.260	0.005	60	0.20										
740228	0.400	0.005	620	0.45	0.000	0.00	0.00	0.00	0.000	6.0	0.02	0.10	0.4	0.2
740131	0.370	0.005	970	0.50										
740102	0.490	0.010	680	0.20										
731121	0.440	0.010	140	0.25	0.000	0.00	0.00	0.00	0.000	2.6	0.01	0.45	0.4	0.2
731017	1.800	0.020	130	0.15										
730925	0.180	0.005	570	0.10										
730904	0.200	0.000	120	0.10	0.000	0.00	0.00	0.00	0.000	1.6	0.01	0.37		0.3
730726	0.740	0.000	4100	0.55										
730620	0.860	0.010	18000	0.40										
730529	0.420		12000	0.33	0.000	0.00	0.00	0.02	0.000	3.7	0.02	0.50	0.4	0.3
730417	0.480	0.007	5400	0.30										
730327	0.510	0.010	2200	0.40										
730220	0.270	0.007	710	0.40	0.000	0.00	0.00	0.02	0.000	1.5	0.02	0.27	0.0	0.2
730131	0.280	0.007	470	0.35										
730103	0.380	0.010	400	0.25										
721114	0.670	0.013	49000	0.45	0.000	0.01	0.01	0.15	0.000	9.8	0.02	0.70		
721019	0.120	0.000	330	0.18									0.0	
720918	0.180	0.000	100	0.05									0.2	
720822	0.330	0.005	1800	0.19									1.6	
720802	0.270	0.010	300	0.25	0.000	0.00	0.00	0.05	0.000	2.8	0.03	0.62		0.3
720605	0.080	0.000	360	0.10										
720503	0.070	0.005	100	0.09										
720413	0.130	0.010	4600	0.38	0.000	0.00	0.00	0.13	0.000	4.4	0.12	0.66		0.2
720224	0.080	0.008	1200	0.35										
720118	0.180	0.000	410	0.50										
711115	0.098		300	0.30										
711018	0.033		100	0.20										
700812		0.000	1000		0.000	0.00	0.00	0.00	0.000	0.1	0.00	0.20		0.3
690813		0.000	710		0.000	0.00	0.00	0.00	0.000	0.0	0.00			0.4
680821	0.131	0.008	400	0.10	0.000	0.00	0.00	0.10	0.000	0.1	0.00	0.20		0.2
671005	0.131	0.003		0.80	0.000	0.00	0.00	0.10	0.000	0.1	0.00	0.30		0.2

01 05 SHOAL CREEK
ROUTE 161 BRIDGE 1 MI SOUTHEAST OF GERMANTOWN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	COLOR UNITS
740801		0.000	0.0	0.1			0.0	0.00	0.000	0.1	1300			
740507		0.003	0.0	0.2			0.0	0.00	0.000	0.0				
740228		0.000	0.0	0.2			0.0	0.00	0.000	0.1	3000			
731121		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
730904		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
730529		0.000	0.1	0.2			0.0	0.00	0.000	0.0				

01 05 SHOAL CREEK
ROUTE 161 BRIDGE 1 MI SOUTHEAST OF GERMANTOWN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOR (MG/L)	COLOR UNITS
730220										0.0				
721114							0.0			0.1				
720802		0.000	0.1	0.2	0.00		0.0	0.00	0.000	0.0				
720413			0.3				0.1		0.000	0.2				
700812			0.0				0.0			0.1				
690813		0.000	0.0				0.0			0.0				
680821		0.000	0.0				0.0			0.0				
671005		0.000	0.0				0.0			0.0				

01 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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740905		21.1	2.0	7.3			1.0	250			0.20			
740801		23.3	2.4	8.0			1.6	337	13	30	0.30			
740702		26.7	7.3	7.8			1.1	533			0.30			
740611		20.6	7.9	7.6			2.1	433			0.60			
740513		15.6	8.5	7.7			0.8	450			0.40			
740409		6.1	10.5	7.7			0.8	283			0.40			
740327		15.6	10.7	7.5			0.1	117	9	18	0.00			
740225		2.2	12.4	7.7			2.0	383			0.30			
740128		6.1	11.0	7.9			1.9	283			0.30			
731126		7.8	8.6	7.5			1.2	283			0.30			
731016		12.8	8.9	8.1			0.8				0.20			
730925		17.2	6.7	8.0			0.9	600			0.40			
730730		27.2	5.9	7.7			1.1	300			0.20			
730710		28.3	6.8	7.9			1.3	533			0.40			
730621		26.1	5.6	7.6			1.7	233			0.50			
730521		18.9		8.2			0.6	650			0.40			
730416		12.2	8.9	7.9			1.5	500			0.50			
730320		7.2	10.0	7.9			1.3	467			0.50			
730227		3.3	11.7	8.0			1.2	767			0.50			
730201		3.9	11.7	7.7			2.1	533			0.50			
721127		3.3	11.7	8.0			1.2	467			0.50			
721115		6.1	10.0	7.8			0.8	333			0.50			
721018		9.4	8.8	8.0			0.0	533			0.40			
720921		22.2	8.3	7.9			0.0	467	20	60	0.30			
720816		26.1	5.4	7.9			0.0	492			0.50			
720705		20.0	6.7	8.2			0.0	567			0.40			
720606		23.3	4.4	8.4			0.0	750	21	120	0.40	25		
720504		12.8	8.0	8.2			1.0	583			0.60			
720412		15.0	5.8	7.5			1.0	650			0.57			
720315		7.2	9.3	8.1			0.6	753			0.44	100		
720306		5.0	12.3	7.8			1.4	502	18	79	0.50	15		
720105		0.6	12.5	7.8			1.4	632	18	110				

01 06 SHOAL CREEK
US 40 BRIDGE 1.5 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	BARI-UM (MG/L)	MERCURY (MG/L)	FLUOR-IDE (MG/L)
740905	0.290	0.010	13000	0.19										
740801	0.070	0.000	40	0.05										0.3
740702	0.310	0.000	500	0.00										
740611	0.350	0.010	7100	0.20	0.000	0.00	0.00	0.00	0.000	3.4	0.00	0.35	0.0	
740513	0.440	0.005	8600	0.20										
740409	0.310	0.010	5400	0.20										
740327	0.100	0.005	10	0.10	0.000	0.00	0.00	0.00	0.000	1.8	3.30	0.00	0.2	0.2
740225	0.390	0.005	700	0.20										
740128	0.440	0.000	3100	1.10										

OI 06 SHOAL CREEK
US 40 BRIDGE 1.5 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
731126	0.860	0.015	18000	0.40										
731016	0.340	0.010	1000	0.10										
730925	0.440	0.010	600000	0.50										
730730	0.280	0.000	2500	0.20										
730710	0.180	0.005	1200	0.10										
730621	0.480	0.010	2000	0.50										
730521	0.140	0.010	260	0.21										
730416	0.320	0.000	2900	0.30										
730320	0.320	0.007	1700	0.34										
730227	0.130	0.000	90	0.54										
730201	0.260	0.007	1700	0.30										
721127	0.280	0.008	1400	0.20										
721115	0.380	0.008	24000	0.24										
721018	0.120	0.000	1000	0.15										
720921	0.450	0.000	76000	0.08	0.000	0.00	0.00	0.10	0.000	2.3	0.06	0.76	0.0	0.3
720816	0.300	0.000	3000	0.20									0.0	
720705	0.090	0.000	1800	0.23									0.5	
720606	0.070	0.000	490	0.08	0.000	0.00	0.00	0.08	0.000	1.2	0.04	1.00		0.4
720504	0.110	0.000	400	0.08										
720412	0.030	0.010	5600	0.25										
720315	0.090	0.008	6000	0.40										
720306	0.070	0.000	30	0.15				0.07	0.005	0.7		0.31		
720105	0.000	0.000	270	0.50					0.000	0.8		0.40		

OI 06 SHOAL CREEK
US 40 BRIDGE 1.5 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740611		0.003	0.1				0.0	0.00	0.000	0.0				
740327		0.001	0.0	0.1			0.0	0.00	0.000	0.0				
720921		0.000	0.1	0.2			0.0	0.00	0.000	0.1				
720606			0.0				0.0		0.000	0.0				
720306						0.18								
720105						0.06								

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 OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740903		17.8	8.7	8.0			1.5	467			0.50			
740821		27.2	11.8	8.6			0.5	633			0.40			
740722		28.3	12.8	8.5			0.3	733	17	83	0.40			
740613		19.4	8.2	8.0			2.3	517			0.40			
740508		18.3	10.5	7.9			1.6	667			0.20			
740410		11.1	10.7	8.0			2.1	483	14	50	0.30			
740318		12.8	10.8	7.9			2.1	617			0.30			
740221		4.4	11.8	8.1			2.5	350	14	60	0.40			
731126		8.9	10.2	7.6			1.3	283			0.30			
731016		13.3	10.2	8.1			1.0		12	69	0.10			
730925		17.8	7.4	8.1			0.7	650			0.40			
730730		29.4	6.5	7.6			1.3	317			0.40			
730710		29.4	10.2	8.3			1.2	567			0.40			
730621		26.1	6.8	7.8			2.0	267			0.60			
730521		18.3		8.1			1.0	617			0.50			
730416		12.2	8.8	7.8			1.4	350			0.30			
730320		6.1	10.5	7.7			0.6	350			0.50			
730227		2.2	12.2	8.0			1.5	750			0.50			
730201		2.2	11.3	7.7			2.5	483			0.50			
721127		3.3	11.7	8.1			1.1	433			0.50			

OI 07 SHOAL CREEK
COUNTY ROAD BRIDGE 2 MI NORTHWEST OF PANAMA --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
721115		6.7	11.0	7.9			0.6	350			0.50			
721018		7.2	17.8	8.8			0.6	733	31	90	0.70			
720921		21.1	6.2	8.0			0.4	483			0.30			
720816		28.3	4.3	8.0			0.4	400	16	64	0.50	60		
720705		18.3	10.2	8.3			0.0	617			0.50			
720606		22.2		8.4			0.0	767			0.40			
720504		11.1	9.3	8.2			1.6	533	15	160	0.60			
720412		14.4	6.6	7.6			1.6	317			0.63			
720315		7.2	10.0	8.1			0.9	537	21	120	0.50	95		
720306		3.3	12.8	7.7			1.2	762			0.60	10		
720105		0.6	12.8	7.9			2.0	590						

OI 07 SHOAL CREEK
COUNTY ROAD BRIDGE 2 MI NORTHWEST OF PANAMA --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740903	0.420	0.000	7200	0.20										
740821	0.090	0.005	120	0.00										
740722	0.290	0.000	30	0.00	0.000	0.00	0.00	0.00	0.000	0.6	0.00	0.40	0.0	0.3
740613	0.320	0.000	1300	0.30										
740508	0.420	0.000	450	0.10										
740410	0.480	0.000	2000	1.20	0.000	0.00	0.00	0.00	0.000	8.9	0.00	0.20	0.0	0.3
740318	0.310	0.000	2100	0.40										
740221	0.420	0.000	1600	0.60	0.000	0.00	0.00	0.00	0.000	1.6	0.00	0.17	0.0	0.4
731126	0.640	0.010	11000	0.30										
731016	0.460	0.010	2100	0.08	0.000	0.00	0.00	0.00	0.000	1.2	0.01	0.05	0.0	0.4
730925	0.340	0.000	120000	0.15										
730730	0.420	0.005	3300	0.15										
730710	0.220	0.005	10	0.10										
730621	0.400	0.010	3400	0.35										
730521	0.200	0.008	60	0.15										
730416	0.650	0.008	7300	0.39										
730320	0.590	0.008	8400	0.30										
730227	0.340	0.000	760	0.30										
730201	0.340	0.008	850	0.33										
721127	0.240	0.000	450	0.18										
721115	0.240	0.008	1000	0.25										
721018	0.290	0.000	210	0.21	0.000	0.00	0.00	0.07	0.000	0.3		0.25	0.0	0.3
720921	0.580	0.000	6000	0.13									0.2	
720816	0.490	0.005	580	0.09	0.000	0.00	0.00	0.24	0.000	2.6	0.03	0.37		0.2
720705	0.490	0.010	1200	0.17									0.2	
720606	0.160	0.000	490	0.09										
720504	0.140	0.010	500	0.06	0.000	0.00	0.00	0.06	0.000	2.5	0.01	0.23		0.2
720412	0.310	0.010	6500	0.25										
720315	0.230	0.008	13000	0.30				0.64	0.000	3.0		0.67		0.2
720306	0.190	0.000	10	0.20										
720105	0.490	0.000	1100	0.60										

OI 07 SHOAL CREEK
COUNTY ROAD BRIDGE 2 MI NORTHWEST OF PANAMA --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/BL)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740722		0.000	0.1	0.2	0.00		0.0	0.00	0.000	0.0				
740410		0.000	0.2	0.4	0.00		0.0	0.00	0.000	0.1				
740221		0.000	0.2	0.3	0.00		0.0	0.00	0.000	0.1				
731016		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
721018						0.02	0.0			0.0				
720816		0.000	0.1	0.4	0.00		0.0	0.00	0.000	0.1				
720504			0.0				0.0		0.000	0.1				

OI 07 SHOAL CREEK
COUNTY ROAD BRIDGE 2 MI NORTHWEST OF PANAMA --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
720315						0.13								

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740905		21.1	1.9	7.5			1.1	250			0.20			
740801		23.3	1.8	8.1			1.6	317	13	30	0.30			
740702		26.7	6.3	7.7			1.4	533			0.80			
740611		20.6	7.4	7.6			1.2	417			0.50			
740513		15.6	8.5	8.2			0.5	583	17	95	0.50			
740409		6.1	11.0	7.6			1.4	233			0.20			
740327		15.6	11.1	8.1			1.1	567			0.20			
740225		2.2	12.3	7.7			1.2	400	11	98	0.20			
740128		6.1	10.7	7.8			1.2	283			0.30			
731126		7.8	8.0	7.5			0.9	333	15	64	0.30			
731016		13.3	7.4	8.0			1.1				0.56			
730925		17.8	6.0	7.9			1.4	767			0.50			
730730		28.3	6.1	7.7			0.4	350			0.20			
730710		27.8	6.3	8.0			1.1	567			0.40			
730621		26.1	5.2	7.5			1.3	250			0.50			
730521		18.3		8.2			1.1	667			0.50			
730416		12.8	8.2	7.7			1.0	517			0.40			
730320		7.2	10.3	7.9			1.0	467			0.40			
730227		3.3	11.9	8.1			0.9	633			0.50			
730201		2.2	11.7	7.7			1.5	583			0.50			
721127		3.9	11.4	8.0			1.0	500			0.50			
721115		5.6	9.5	7.7			0.8	283			0.50			
721018		9.4	7.6	8.0			1.5	583			0.80			
720921		21.1	4.9	7.7			1.8	533			0.60			
720816		23.9	5.7	7.7			0.5	233	10	43	0.30		260	
720705		18.9		8.1			0.0	633			0.60			
720606		22.8	3.8	8.4			0.0	750			0.30			
720504		11.1	8.3	8.3			0.6	600			0.40			
720412		15.0	5.9	7.8			0.9	600			0.57			
720315		7.2	8.9	8.1			0.7	702			0.45		75	
720306		5.0	14.5	7.9			0.4	605			0.40		10	
720105		0.6	13.1	7.9			1.3	763						

OID 01 EAST FORK SHOAL CREEK
US 40 BRIDGE 2 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740905	0.290	0.015	12000	0.19										
740801	0.060		50	0.05	0.000	0.00	0.00	0.00	0.000	0.4	0.01	0.15	0.2	0.2
740702	0.220	0.000	660	0.00										
740611	0.310	0.010	0	0.20										
740513	0.480	0.000	780	0.15	0.000	0.00	0.00	0.00	0.000	2.8	0.02	0.38	0.0	0.2
740409	0.580	0.010	4400	0.30										
740327	0.260	0.005	5000	0.25										
740225	0.310	0.005	600	0.20	0.000	0.00	0.00	0.00	0.000	4.1	0.02	0.20	0.2	0.2
740128	0.530	0.000	2300	1.30										
731126	0.960	0.010	51000	0.40	0.000	0.00	0.00	0.02		12.0	0.03	0.90	0.0	0.3
731016	1.200	0.010	5000	0.20										
730925	0.560	0.005	1800	0.10										
730730	0.360	0.005	4100	0.20										
730710		0.015	460	0.10										
730621	0.400	0.010	1000	0.40										

OID 01 EAST FORK SHOAL CREEK
US 40 BRIDGE 2 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
730521	0.580	0.008	210	0.17										
730416	0.930	0.016	56000	0.63										
730320	0.320	0.007	2100	0.40										
730227	0.200	0.000	160	0.40										
730201	0.370	0.007	800	0.50										
721127	0.220	0.010	1600	0.23										
721115	0.400	0.013	36000	0.25										
721018	0.500	0.007	450	0.21										
720921	1.400	0.015	1400000	0.19									0.2	
720816	0.630	0.000	12000	0.36	0.000	0.00	0.10	0.11	0.000	12.0	0.03	0.52		0.2
720705	0.190	0.010	680	0.24									0.6	
720606	0.260	0.015	600	0.14										
720504	0.190	0.000	600	0.11										
720412	0.400	0.000	1500	0.51										
720315	0.320	0.015	3000	0.80										
720306	0.380	0.000	10	0.10						0.5		0.29		
720105	0.280	0.000	170	0.50										

OID 01 EAST FORK SHOAL CREEK
US 40 BRIDGE 2 MI NORTHEAST OF POCAHONTAS --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740801		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
740513		0.001	0.1	0.2			0.0	0.00	0.000	0.1				
740225		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
731126		0.000	0.0	0.0			0.0	0.00	0.000	0.1				
720816		0.000	0.2	0.4	0.10		0.0	0.00	0.000	0.1				

OJ 01 CROOKED CREEK
ROUTE 37 BRIDGE 2 MI SOUTH OF SALEM
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711115		11.1	0.9	6.7		50	0.0					25		
711026		17.2	0.0	7.9		43	0.0					25		
710920		17.2	4.4	7.7		27	0.0					60		
640624		25.6	4.8	7.7	9					40	5.60	10	240	200
640505		20.0	5.2	7.2			4.3		45	180	0.60	20	250	170

OJ 01 CROOKED CREEK
ROUTE 37 BRIDGE 2 MI SOUTH OF SALEM --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
711115	15.662		170	16.00										
711026	19.578		400	6.60										
710920	3.426		230000	0.30										
640505										2.1		0.50		

OJ 06 CROOKED CREEK
ROUTE 127 BRIDGE 7 MI SOUTH OF CARLYLE
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740801		23.9	1.5	8.1			1.6	333			0.20			
740717		26.7	3.2	7.5			1.5	983	90	50	0.30			
740610			8.7	7.9			0.9	667			0.50			
740507		13.9	8.6	7.7			0.5	500			0.30			
740415		6.1	7.4	7.3			0.5	767			0.30			
740327		15.6	13.3	8.2			1.1	933			0.20			
740305		5.0		8.5		2	0.3		9	19	0.10	19	140	110
740228		4.4	11.2	7.4			1.1	550			0.40			
740131		6.1	9.2	7.3			0.6	333	38	68	0.40			
740102			13.3	7.2			1.2	533			0.50			
731121		8.9	2.6	7.2			0.0	1117			0.70			
731017		13.9	7.1	7.4			0.4		340	72	0.90			
730925		18.9	8.9	8.2			1.0	417			0.40			
730904		25.6	3.9	7.7			0.7	900			0.10			
730726		26.1	3.4	7.5			0.5	1033			0.80			
730620		26.1	3.9	7.3			1.4	233			0.80			
730529		16.7	4.9	7.3			0.6	950			0.60			
730417		12.8	6.9	7.5			0.5	583			0.50			
730320		7.2	9.9	7.5			0.5	483			0.50			
730220		1.7	11.8	7.9			1.0	667			0.60			
730131		2.2	12.1	7.4			1.2	500			0.40			
730102		2.2	8.6	7.1			0.9	200			0.40			
721114		6.7	8.2	7.0			0.4	108			0.40			
721019		7.8	6.7	7.9			0.8	867	140	84	1.20			
720918		24.4	4.7	7.9			0.4	867	140	110	1.10			
720822		23.9	3.8	7.4			0.7	583			1.00			
720802		23.3	3.9	7.7			1.2	783	180	60	1.00	65		
720605		25.0	7.5	8.2			0.0	1667			1.40			
720503		15.6	5.6	7.6			0.2	733			0.80			
720413		15.6	5.2	7.5			0.8	500	66	100	0.65	160		
720224		2.8	13.1	7.6			1.8	1983	330	120	1.70	15		
720117		1.1	9.7	7.4			2.0	2100						
711115		14.4	1.3	6.9		37	0.2					80		
711018		17.8	3.2	7.5		33	0.0					140		
710804		22.2	5.5	7.2		90	0.2		160	100	0.30	130	190	94
710610		22.8	4.2	7.5		42	0.2		360	125	2.00	350	309	150
710422		16.7	6.3	7.6		36	0.0		204	195	2.30	170	344	140
710310		4.4	11.2	7.5		33	0.2		160	100	1.70	95	288	104
710127		0.0	15.7	8.1		52	0.5		515	218	4.40	15	468	144
701008		18.3	5.2	7.5		32	0.0				1.00	180		
700812		23.9	2.4	7.5		34	0.0		18	118	1.70	170	188	184
700709		23.3	4.2	7.3		26	0.2		210	147	1.70	120	234	134
700409		13.3	8.5	7.6		27	0.0		180	170	1.00	140	304	130
700305		9.4	6.4	7.5		200	0.2				1.10	190		
700108		0.0	10.0	7.2		100	0.2		400	125	2.00	25	250	168
691106		8.3	5.6	7.4		26	0.2		210	40	1.30	30	276	134
690924		18.3	5.4	7.2		40	0.0				1.00	300		
690813		22.8	3.5	7.5		26	0.2		170	300	0.90	190	256	148
690521		18.3	4.9	7.5		25	0.0		210	116	1.00	180	320	148
690423		14.4	4.9	7.1		34	0.5				0.50	160		
690326		6.1	9.4	7.6		46	2.5				0.70	600		
690122		2.2	11.6	7.3		24	2.3				0.70	180		
681120		4.4	6.5	7.4		130	0.5		385	34	0.70	55	350	108
681002		18.9	4.4	7.8		22	0.7		130	58	0.40	160	192	124
680821		25.7	3.1	7.4		24	0.9		185	127	1.10	140	176	92
680711		23.9	4.8	7.7		24	0.5		240	58	0.40	110	300	156
680522		15.6	6.6	7.6		24	0.9		200	75	1.10	160	285	136
680410		13.3	8.1	7.5		17	0.9		115	30	0.60	160	204	92
680104		8.0	9.9	7.1		18	0.2		325	43	0.20	25	290	124
671115		6.1	6.2	7.5			0.0		340	63	0.60	15	360	124
671005		19.4	4.7	7.7		12	0.2		78	22	0.20	110	136	76
670823		20.6		7.2		17					0.20	160		
670713		23.3	4.3	7.4	4				19	9	0.10	200	62	28
670601		16.1	5.5	7.4	6				280	58	0.50	150	310	136
670427		10.0	8.0	7.4	7				156	39	0.10	330	196	144
670330		16.1	6.6	7.6	3				128	42	0.30	130	216	88
670112		1.1	10.9	7.5	2				340	165	0.60	30	410	152
661027		8.9	3.3	7.5	3				144	42	0.30	40	208	88
660901		23.3	4.5	7.9	3				116	13	0.00	140	166	96
660728		26.7	2.7	7.8	3				305	46	0.30	100	340	204

OJ 06 CROOKED CREEK
ROUTE 127 BRIDGE 7 MI SOUTH OF CARLYLE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
660609		22.8	4.0	7.6	5				235	53	0.60	160	360	160
660421		13.9	6.5	7.3	6				94	32	0.00	400	160	76
660301		5.6	11.4	7.4	2				262	246		40	440	136
660104		6.1	8.3	8.1	2				7	25	0.30	150	198	128
651102		10.0	2.5	7.5	3				390	400	0.50	18	580	312
650727		24.4	5.1	7.8	8				190	54	0.20	130	212	124
650503		20.6	5.3	7.4	3				124	65	0.40	55	184	80
650216		5.0	10.2	7.1	4				82	230	0.40	110	360	204
641208		1.7	7.5	7.2	8				330	640	1.80	9	760	312
640922		22.2	4.3	7.4	3				610	740	0.80	80	900	296
640818		24.4	4.4	7.6	2				62	162	8.40	85	630	264
630715		24.4	4.2	7.5	3				23	55	0.20	600	124	72
630114		1.1	9.5	7.6	5				775	150	3.40	15	380	140
620730		25.6	7.8	7.7	8				240	74	0.20	95	240	90
620123			12.5	7.3	2				101	48	0.10	65	192	40
601006		18.9	3.1	7.6	5				1350		2.00	80	460	200
600120		7.8	9.8	7.9	2				740		2.00	25	340	108
590716		21.1	4.3	8.4	8				310			150	230	108
580710		24.4	5.1	7.3	2				108			290	152	68

OJ 06 CROOKED CREEK
ROUTE 127 BRIDGE 7 MI SOUTH OF CARLYLE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740801	0.010	0.005	30	0.05										
740717	0.630		600	1.00	0.000	0.00	0.00	0.00	0.000	3.9	0.02	1.39		0.3
740610	0.100	0.000	1800	0.10										
740507	0.310	0.010	61000	0.20										
740415	0.000	0.025	270	0.20										
740327	0.640	0.005	150	0.05										
740305	0.030	0.000	12	0.07					0.000					0.1
740228	0.390	0.005	4300	0.40										
740131	0.250	0.005	1100	0.60	0.000	0.00	0.00	0.00	0.000	3.4	0.01	0.12	0.3	0.2
740102	0.480	0.010	680	0.35										
731121	1.400	0.020	390	0.30										
731017	0.420	0.010	2500	0.25	0.000	0.00	0.00	0.02	0.000	2.0	0.02	0.70	0.0	0.4
730925	0.100	0.000	410	0.00										
730904	0.480	0.010	100	0.20										
730726	0.380	0.015	100	0.25										
730620	0.500	0.010	3900	0.55										
730529	0.520	0.015	6800	0.55										
730417	0.410	0.010	11000	0.40										
730320	0.310	0.007	2100	0.49										
730220	0.320	0.010	110	0.45										
730131	0.300	0.008	470	0.56										
730102	0.380	0.012	300	0.68										
721114	0.470	0.015	22000	0.35										
721019	0.510	0.013	120	0.24	0.000	0.00	0.00	0.08	0.000	0.9	0.02	0.35	0.0	0.4
720918	0.630	0.010	230	0.18	0.000	0.00	0.02	0.12	0.000	2.2	0.03	0.68	0.5	0.5
720822	0.550	0.005	720	0.25									1.2	
720802	0.740	0.025	740	0.41	0.000	0.00	0.00	0.15	0.000	3.0	0.08	1.30		0.3
720605	0.640	0.010	140	0.31										
720503	0.160	0.080	300	0.30										
720413	0.100	0.015	3600	0.38	0.000	0.00	0.00	0.10	0.000	2.0	0.10	0.66		0.1
720224	0.670	0.010	10	0.30					0.000	0.8		0.28		
720117	0.980	0.020	10	0.50										
711115	1.729		200	1.70										
711018	1.305		100	0.50										
700812		0.000	700		0.000	0.00	0.00	0.00	0.000	0.5	0.00	1.10		0.8
690813		0.000	300		0.000	0.00	0.00	0.00	0.000	0.0	0.00			0.6
680821	0.163	0.007	400	0.20	0.000	0.00	0.00	0.00	0.000	0.0	0.00	0.60		0.4
671005	0.163	0.000		0.90	0.000	0.00	0.00	0.08	0.000	0.4	0.00	0.30		0.2
660301														0.2

OJ 06 CROOKED CREEK
ROUTE 127 BRIDGE 7 MI SOUTH OF CARLYLE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOE (MG/L)	COLOR UNITS
740717		0.000	0.0	0.2			0.0	0.00	0.000	0.1				
740305											4600			2
740131		0.000	0.0	0.2			0.0	0.00	0.000	0.2				
731017		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
721019		0.000	0.0	0.3			0.0	0.00	0.000	0.0				
720918		0.000	0.1	0.5			0.0	0.00	0.000	0.1				
720802		0.000	0.1	0.5	0.00		0.0	0.00	0.000	0.1				
720413			0.0				0.0		0.000	0.8				
720224						0.44								
700812			0.0				0.0			0.1				
690813		0.000	0.0				0.0			0.0				
680821		0.000	0.0				0.0			0.0				
671005		0.000	0.0				0.0			0.0				

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740919		16.1	6.1	7.5			0.7	633			0.30			
740801		26.1	1.5	7.8			1.0	1500			0.80			
740717		23.3	3.9	7.6			0.1	1667	600	75	0.60			
740528		18.3	6.2	7.1			1.3	767			0.60			
740502		20.6	7.6	7.6			0.3	667			0.40			
740404		8.3	7.3	7.5			0.4	383			0.20			
740226			12.9	7.5			1.1	583			0.40			
740131		6.1	10.7	7.5			0.7	533	60	98	0.60			
731212		2.2	11.6	8.1			0.7	1050			0.40			
731121		10.6	4.0	7.4			0.1	1517			0.70			
731016		13.9	5.6	7.8			1.1		62	55	0.50			
730925		17.8	5.3	7.5			0.7	600			0.60			
730904		23.9	2.1	7.4			0.0	1833			1.10			
730726		26.1	7.0	7.9			0.0	933			0.60			
730620		25.6	5.3	7.1			1.2	183			0.50			
730521		16.1		7.7			1.6	2833			2.00			
730416		12.8	7.6	7.6			0.5	800			0.80			
730320		7.2	8.1	7.6			0.4	600			0.50			
730227		4.4	12.6	7.6			0.8	1517			1.10			
730201		3.3	11.2	7.4			1.1	717			0.60			
730102		1.7	11.6	7.1			1.1	583			0.60			
721115		6.1	8.6	7.5			0.6	283			0.60			
721019		7.8	5.3	7.7			0.3	617	83	57	0.80			
720920		23.9	3.5	7.8			0.0	667			0.60			
720816		24.4	3.6	7.5			0.0	350	63	62	0.50	110		
720802		23.3	4.3	7.7			0.0	500			0.60			
720717		25.0	3.5	8.0			0.2	483			0.40			
720705		18.3	3.7	8.1			0.0	1033			0.90			
720605		22.8	3.4	8.1			0.0	1500			1.05			
720503		16.7	6.7	7.6			0.2	567	110	150	0.80	40		
720224		2.8	11.1	7.2			1.6	2067			1.70	15		
720117		1.1	11.6	7.5			2.0	1492						

OJ 07 CROOKED CREEK
COUNTY ROAD BRIDGE 3.5 MI SOUTH OF ODIN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740919	0.280	0.005	680	0.05										
740801	0.220	0.010	140	0.07										
740717	0.250	0.020	200	0.55	0.000	0.00	0.00	0.00	0.000	1.4	0.02	1.00	0.0	0.4
740528	0.300	0.010	340	0.15										

OJ 07 CROOKED CREEK
COUNTY ROAD BRIDGE 3.5 MI SOUTH OF ODIN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740502	0.250	0.020	2000	0.20										
740404	0.380	0.010	11000	0.25										
740226	0.280	0.005	4500	0.35										
740131	0.230	0.010	1400	0.25	0.000	0.00	0.00	0.00	0.000	2.3	0.01	0.25	0.0	0.2
731212	0.400	0.010	30	0.75										
731121	0.640	0.025	140	0.20										
731016	1.000	0.010		0.44	0.000	0.00	0.00	0.00	0.000	1.6	0.02	0.20	0.0	0.4
730925	0.260	0.005	860	0.20										
730904	0.260	0.020	190	0.10										
730726	0.240	0.015	300	0.15										
730620	0.500	0.010	3500	0.40										
730521	0.160	0.059	200	0.35										
730416	0.210	0.000	150	0.44										
730320	0.260	0.010	1500	0.50										
730227	0.300	0.012	10	1.10										
730201	0.300	0.008	40	0.50										
730102	0.240	0.008	400	0.50										
721115	0.350	0.013	52000	0.25										
721019	0.290	0.010	110	0.26	0.000	0.00	0.00	0.07	0.000	0.3	0.02	0.27	0.0	0.3
720920	0.260	0.000	340	0.25									0.2	
720816	0.470	0.015	1200	0.24	0.000	0.00	0.00	0.16	0.000	4.4	0.03	0.61		0.1
720802	0.240	0.025	80	0.25									0.0	
720717	0.240	0.000	910	0.07										
720705	0.200	0.005	40	0.17										
720605	0.120	0.010	80	0.21										
720503	0.130	0.010	100	0.11	0.000	0.00	0.00	0.06	0.000	2.1	0.03	0.64		0.2
720224	1.600	0.012	100	0.80										
720117	0.980	0.015	10	0.40										

OJ 07 CROOKED CREEK
COUNTY ROAD BRIDGE 3.5 MI SOUTH OF ODIN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	COLOR UNITS
740801													930	
740717		0.000	0.0	0.1			0.1	0.00	0.000	0.1			1240	
740131		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
731121													980	
731016		0.005	0.0	0.1			0.0	0.00	0.000	0.0				
721019							0.0			0.0				
720816		0.000	0.1	0.3	0.00		0.0	0.00	0.000	0.1				
720503			0.0				0.0		0.000	0.0				

OJA 01 LITTLE CROOKED CREEK
ROUTE 177 BRIDGE 2.5 MI WEST OF NEW MINDEN
LAB: MARION DISCHARGE DATA: 05593575 LITTLE CROOKED CREEK NEAR NEW MINDEN, IL
DRAINAGE AREA: 84.3 RATIO: 1.00

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740926	2.2	22.8	9.0	7.7			0.0	750			0.20			
740801	1.7	23.9	1.9	7.7			1.1	1267	250	95	0.60			
740717	2.2	27.2	4.2	7.3			1.3	500			0.20			
740610	42	18.9	9.8	7.9			1.0	667			0.50			
740507	12	13.3	8.8	8.0			1.2	383	10	56	0.40			
740415	36	5.6	9.1	7.7			0.3	450			0.30			
740328	28	16.7	10.5	7.8			0.3	550			0.20			
740228	353	5.6	10.9	7.3			1.2	300	16	76	0.30			
740131	44	5.6	10.4	7.5			1.1	467			0.50			
740102	15		12.3	7.2			0.1	533			0.50			
731121	18	8.9	0.7	7.1			0.0	450	23	78	0.50			
731017	0.91	14.4		7.2			1.1				0.40			
730925	2.4	17.8	4.8	7.5			0.3	433			0.40			

OJA 01 LITTLE CROOKED CREEK
ROUTE 177 BRIDGE 2.5 MI WEST OF NEW MINDEN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
730904	1.0	24.4	1.4	7.5			0.0	583			0.40			
730726	2.1	25.6	1.6	7.4			0.9	617			0.60			
730620	618	26.1	4.3	7.1			0.9	200			0.30			
730529	83	16.1	5.9	7.5			0.6	367			0.30			
730417	41	12.8	7.7	7.8			0.6	300			0.50			
730327	167	10.0	8.9	7.6			0.8	367			0.30			
730220	20	2.2	12.7	7.8			0.2	667			0.60			
730131	39	1.7	12.3	7.4			1.3	467			0.40			
730103	117	1.7	11.9	7.5			1.4	483			0.50			
721102	2470	13.9	4.2	7.1			0.4	78			0.20			
721019	1.3	8.3	3.2	7.6			0.2	567			0.70			
720921	0.37	21.1	2.2	7.3			0.4	267			0.30			
720822	4.0	23.3	0.5	6.9			0.1	183	9	32	0.50	250		
720802	1.0	22.2	3.6	7.4			0.4	367			0.50			
720605	2.2	21.1	1.5	7.8			0.0	950			0.60			
720503	46	15.6	5.6	7.6			0.2	550	22	160	0.50			
720413	303	16.1	5.4	7.5			1.7	367			0.71			
720224	39	3.3	10.1	7.6			2.3	833	36	160	1.00	85		
720117	1.5	1.1	9.0	7.5			2.7	787						

OJA 01 LITTLE CROOKED CREEK
ROUTE 177 BRIDGE 2.5 MI WEST OF NEW MINDEN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740926	0.130	0.005	390	0.00										
740801	0.360	0.010	100	0.00	0.000	0.00	0.00	0.00	0.000	1.3	0.00	0.80	0.2	0.4
740717	0.360	0.010	900	0.60										
740610	0.110	0.000	3100	0.10										
740507	0.200	0.010	45000	0.30	0.000	0.00	0.00	0.00	0.000	0.9	0.01	0.35	0.0	0.4
740415	0.310	0.010	130	0.15										
740328	0.780	0.005	130	0.10										
740228	0.390	0.005	2000	0.40	0.000	0.00	0.00	0.00	0.000	6.5	0.02	0.30	0.0	0.2
740131	0.320	0.005	650	0.50										
740102	0.630	0.010	3300	0.65										
731121	3.200	0.050	10000	0.45	0.000	0.00	0.00	0.00	0.000	12.0	0.04	2.40	0.0	0.3
731017	1.000	0.010	3800	0.80										
730925	0.240	0.005	650	0.20										
730904	0.220	0.010	150	0.20										
730726	0.400	0.010	1200	1.00										
730620	0.500	0.010	5400	0.45										
730529	0.420	0.020	6000	0.83										
730417	0.510	0.016	3800	0.35										
730327	0.270	0.015	2400	0.48										
730220	0.510	0.008	70	0.46										
730131	0.300	0.015	410	0.40										
730103	0.420	0.008	2500	0.40										
721102	0.640	0.013	49000	0.45										
721019	0.260	0.013	2100	0.30										
720921	0.670	0.020	99000	0.13									0.0	
720822	0.680	0.007	13000	0.45	0.000	0.00	0.00	0.22	0.000	10.0	0.04	0.56		0.2
720802	0.540	0.010	870	0.78									0.5	
720605	0.280	0.015	60	0.15										
720503	0.150	0.010	100	0.15	0.000	0.00	0.00	0.08	0.000	4.3	0.02	0.64		0.2
720413	0.170	0.020	19000	0.68										
720224	1.200	0.016	670	2.60						1.9		0.28		
720117	1.050	0.015	20	1.60										

OJA 01 LITTLE CROOKED CREEK
ROUTE 177 BRIDGE 2.5 MI WEST OF NEW HINDEN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740801		0.000	0.0	0.2			0.0	0.00	0.000	0.1				
740507		0.002	0.0	0.1			0.0	0.00	0.000	0.0				
740228		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
731121		0.010	0.0	0.2			0.0	0.00	0.000	0.1				
720822		0.000	0.1	0.2	0.00		0.0	0.00	0.000	0.1				
720503			0.0				0.0		0.000	0.0				

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740919		16.7	8.1	7.5			0.5	333	20	35	0.10			
740801		23.9	2.1	7.7			0.0	567			0.20			
740716		30.6	2.1	7.6			0.0	433			0.10			
740525		18.9	7.4	7.3			0.6	467	20	68	0.30			
740502		20.6	8.4	8.0			0.2	550			1.50			
740404		8.9	8.0	7.5			0.4	317	15	72	0.20			
740226		0.0	13.5	7.6			0.7	433			0.20			
740131		6.1	11.1	7.5			0.6	350			0.70			
731212		1.7	12.4	7.6			0.5	500	19	130	0.20			
731121		8.9	2.7	7.2			0.0	383			0.50			
731016		12.8	7.0	7.9			0.1				0.20			
730925		17.8	6.4	7.6			0.2	350			0.40			
730904		23.9	5.8	7.7			0.0	433			0.30			
730726		26.1	5.8	7.7			0.1	400			0.30			
730621		25.6	5.1	7.3			1.3	158			0.70			
730521		16.1		7.9			0.1	617			0.20			
730416		12.8	9.1	7.8			0.1	517			0.40			
730320		5.6	10.7	7.6			0.2	317			0.40			
730227		3.9	12.7	7.9			0.1	667			0.40			
730201		2.8	11.9	7.5			1.0	450			0.40			
730102		1.7	12.3	7.3			6.2	317			0.90			
721115		5.6	9.4	7.3			0.7	118			0.50			
721019		7.2	7.7	7.9			0.0	350			0.40			
720921		23.9	4.5	7.8			0.0	350	18	23	0.40			
720816		25.6	4.4	7.8			0.3	153			0.30			
720705		18.3	9.5	8.2			0.0	683	30	90	0.40	10		
720605		22.8	5.8	8.2			0.0	783			0.20			
720503		15.6	8.7	8.1			0.0	572			0.40			
720315		6.7	9.3	7.7			0.0	790			0.48	32		
720306		6.7	15.0	8.0			1.2	790			0.60	10		
720117		1.7	11.9	7.6			1.5	947						

OK 01 EAST FORK KASKASKIA RIVER
US 51 BRIDGE 5 MI NORTH OF SANDOVAL --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740919	0.150	0.005	110	0.05	0.000	0.00	0.00	0.00	0.000	1.3	0.00	0.20	0.0	0.2
740801	0.080	0.005	80	0.00										
740716	0.220	0.010	410	0.15										
740525	0.180	0.010	310	0.15	0.000	0.00	0.00	0.00	0.000	2.8	0.00	0.30	0.0	0.2
740502	0.120	0.010	1300	0.10										
740404	0.420	0.010	2500	0.25	0.000	0.00	0.00	0.01	0.000	9.5	0.02	0.37	0.1	0.2
740226	0.200	0.005	90	0.30										
740131	0.230	0.010	460	0.30										
731212	0.250	0.005	160	0.20	0.000	0.00	0.00	0.02	0.000	3.9	0.01	0.42	0.3	0.2
731121	0.500	0.030	60	0.20										
731016	0.160	0.010	2100	0.15										

OK 01 EAST FORK KASKASKIA RIVER
US 51 BRIDGE 5 MI NORTH OF SANDOVAL --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
730925	0.120	0.010	220	0.10										
730904	0.080	0.005	50	0.10										
730726	0.120	0.000	900	0.10										
730621	2.400	0.065	900	0.70										
730521	0.080	0.007	190	0.17										
730416	0.120	0.018	300	0.30										
730320	0.240	0.010	1200	0.38										
730227	0.100	0.000	10	0.27										
730201	0.160	0.008	320	0.30										
730102	0.290	0.008	200	0.95										
721115	0.410	0.015	30000	0.30										
721019	0.080	0.013	720	0.21										
720921	0.160	0.010	2300	0.02	0.000	0.00	0.00	0.10	0.000	2.1	0.06	0.84	0.3	0.2
720816	0.310	0.010	1600	0.36									0.0	
720705	0.050	0.010	10	0.14	0.000	0.00	0.00	0.04	0.000	0.5	0.02	0.55		0.2
720605	0.070	0.010	1000	0.08										
720503	0.040	0.020	200	0.08										
720315	0.040	0.010	20	0.10										
720306	0.070	0.000	10	0.10										
720117	0.170	0.010	10	0.20										

OK 01 EAST FORK KASKASKIA RIVER
US 51 BRIDGE 5 MI NORTH OF SANDOVAL --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740919		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
740525		0.002	0.0	0.0			0.0	0.00	0.000	0.0				
740404		0.000	0.0	0.2			0.0	0.00	0.000	0.0				
731212		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
720921		0.000	0.1	0.1			0.0	0.00	0.000	0.1				
720705			0.0		0.00		0.0		0.000	0.0				

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740919	33	25.0	10.0	7.2			1.5	350			0.20			
740821	6.2	23.3	1.8	7.8			0.3	617			0.20			
740716	9.0	30.0	2.0	8.0			0.8	717	20	25	0.20			
740611	119	21.1	8.3	7.3			2.2	400			0.60			
740603	119	22.2	8.7	7.5			1.2	583			0.30			
740513	33	15.6	9.6	8.0			0.0	817			0.90			
740506	35	20.6	10.3	8.2			0.3	633			0.10			
740410	166	6.7	10.7	7.6			0.7	383			0.20			
740409	1000	6.1	11.1	7.9			0.7	467	6	90	0.20			
740225	158	2.2	12.8	8.0			1.1	550			0.20			
740124	316	5.0	11.8	8.0			1.1	417	10	62	0.30			
731126	797	8.3	10.1	7.5			1.2	250			0.20			
731016	7.5	14.4	8.9	8.2			0.2		26	61	0.10			
730925	28	17.8	6.9	7.9			1.0	467			0.40			
730730	91	27.2	6.5	7.8			0.6	467			0.20			
730710	19	27.8	6.7	8.0			0.6	633			0.40			
730621	93	26.1	7.9	6.8			1.8	400			0.80			
730521	26	16.7		8.2			0.3	717			0.20			
730416	274	13.3	8.6	8.0			0.5	600			0.30			
730320	300	6.1	10.8	8.0			0.9	600			0.50			
730227	49	3.3	12.6	8.1			0.5	750			0.30			
730201	198	1.7	11.7	8.9			1.3	617			0.40			
721127	100	3.9	11.9	7.9			1.4	400			0.50			

OL 01 HURRICANE CREEK
US 40 BRIDGE 3 MI NORTHEAST OF MULBERRY GROVE --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
721115	500	5.6	10.0	7.8			1.2	400			0.60			
721019	2.2	7.2	9.1	8.1			0.0	667	35	63	0.40			
720921	28	21.1	6.1	8.0			0.2	367			0.20			
720816	5.0	24.4	6.4	7.7			6.0	483			0.30			
720705	2.5	18.3	6.6	8.3			0.0	633			0.40			
720606	6.0	22.8	5.2	8.3			0.0	583	23	75	0.20	50		
720504	38	12.8	8.5	8.2			0.0	700			0.30			
720412	720	15.0	6.0	7.3			1.9	200			0.68			
720315	54	6.1	10.3	8.0			0.3	805			0.30	95		
720306	26	5.0	14.3	8.1			0.3	722	23	98	0.30	15		
720117	20	0.6	11.6	7.3			1.0	887						

OL 01 HURRICANE CREEK
US 40 BRIDGE 3 MI NORTHEAST OF MULBERRY GROVE --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740919	0.160	0.005	120	0.07										
740821	0.070	0.000	130	0.00										
740716	0.250	0.010	1200	0.20	0.000	0.00	0.00	0.00	0.000	1.4	0.00	0.25	0.0	0.3
740611	0.300	0.020	4000	0.20										
740603	0.200	0.005	910	0.10										
740513	0.110	0.030	1200	0.10										
740506	0.050	0.010	180	0.05										
740410	0.280	0.005	2600	0.20										
740409	0.140	0.005	3200	0.15	0.000	0.00	0.00	0.65	0.000	2.0	0.55	0.10	0.0	0.1
740225	0.120	0.000	30	0.15										
740124	0.270	0.000	380	0.40	0.000	0.00	0.00	0.00	0.000	3.2	0.01	0.21	0.2	0.2
731126	0.820	0.015	29000	0.40										
731016	0.140	0.010	1100	0.10	0.000	0.00	0.00	0.00	0.000	0.7	0.01	0.20	0.0	0.4
730925	0.320	0.010	1600	0.60										
730730	0.180	0.005	500	0.20										
730710	0.120	0.005	510	0.10										
730621	0.300	0.015	1700	0.30										
730521	0.050	0.015	210	0.24										
730416	0.190	0.015	1000	0.30										
730320	0.110	0.000	700	0.25										
730227		0.000	120	0.38										
730201	0.150	0.007	820	0.23										
721127	0.230	0.010	1300	0.23										
721115	0.270	0.010	15000	0.20										
721019	0.060	0.000	210	0.15	0.000	0.00	0.00	0.12	0.000	0.3	0.02	0.20	0.0	0.2
720921	0.250	0.010	11000	0.08									0.0	
720816	0.150	0.005	640	0.09									0.0	
720705	0.070	0.000	260	0.55									0.0	
720606	0.080	0.000	1000	0.08	0.010	0.00	0.00	0.05	0.000	1.9	0.03	0.73		0.2
720504	0.040	0.020	300	0.08										
720412	0.090	0.010	8300	0.30										
720315	0.070	0.015	240	0.10										
720306	0.030	0.000	10	0.10				0.07	0.017	0.7		0.43		
720117	0.180	0.000	10	0.20										

OL 01 HURRICANE CREEK
US 40 BRIDGE 3 MI NORTHEAST OF MULBERRY GROVE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOE (MG/L)	COLOR UNITS
740716		0.000	0.0	0.1			0.0	0.00	0.000	0.0				
740409		0.000	0.1	0.0			0.0	0.00	0.000	0.1				
740124		0.000	0.1	0.3	0.00		0.0	0.00	0.000	0.0				
731016		0.000	0.0	0.0			0.0	0.00	0.000	0.0				
721019							0.0			0.0				

OL 01 HURRICANE CREEK
US 40 BRIDGE 3 MI NORTHEAST OF MULBERRY GROVE --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
720606			0.0				0.0		0.000	0.0				
720306						0.26								
720117											3400			

OP 15 BIG CREEK
COUNTY ROAD BRIDGE 8 MI NORTH OF BROWNSTOWN
LAB: MARION

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740919		24.4	10.1	7.4			1.4	350			0.20			
740821			1.9	7.8			0.3	617			0.20			
740715		30.6	2.0	8.0			0.0	3333	1200	25	0.90			
740603		22.2	7.5	7.4			0.6	1117			0.60			
740506		20.6	11.0	8.1			0.0	1750			0.60			
740410		8.9	9.9	7.7			0.4	750			0.50			
740226			13.6	7.9			0.9	1467			0.60			
740124		5.0	11.3	7.8			0.9	1017	250	46	0.50			
731211		1.7	12.9	7.9			0.6	2467			0.80			
731114		15.6	2.4	7.5			0.0	5050	1600	52	1.30			
730911		22.2	5.6	7.7			0.1	1550			0.70			
730806		23.9	9.8	7.7			0.0	1833			1.00			
730702		25.0	5.5	7.9			0.7	2450			1.70			
730607		21.7	5.3	7.9			2.5	1100			0.70			
730514		13.9	7.1	7.8			0.1	2300			0.90			
730418		13.9	7.7	7.7			0.3	850			0.60			
730306		11.7	9.9	7.9			0.7	983			0.90			
721218		1.1	11.1	7.5			0.8	3833			2.00			
721116		8.3	10.0	8.1			1.2	1550			1.40			
721102		16.7	5.7	7.6			0.2	267			0.30			
721020		11.7	4.4	7.8			0.0	7850	2650	47	2.50			
720905		18.3	6.7	7.8			0.1	3950			3.75			
720821		28.3	4.6	7.9			0.0	1600	425	34	1.10	14		
720804		22.2	4.5	7.9			0.0	3267			3.10			
720720		28.3	9.5	8.7			0.3	567			0.40			
720613		25.6	6.6	7.9			0.0	2917			2.70			
720517		17.8	2.7	7.5			0.0	767	16	63	0.40	9		
720410		12.2	11.0	8.2			3.5	517			0.50			
720216		0.6	12.2	7.4			2.2	2800	1080	130	2.65	16		
711129		4.4	12.2	7.0			0.0		3200			25		
711026		18.3	6.3	6.9		168	0.0					25		
710920		16.7	9.2	7.3		27	0.0					25		
620116				7.6					52	37			94	70
620104				7.6					390	140			440	208
611206				7.9					480	95			470	208
611121				7.7					480	70			410	208
611101				7.8	2				560	55			400	180
610904				7.5					48	51			280	240
610824				7.5					580	35			424	392
610803				7.1					302	31			300	180
610608				7.5					212	123			270	158
610523				7.8					415	116			410	220
610503				7.9					340	92			400	208
610429				7.7					255	79			320	180
610411				7.9					350	290			460	178
610407				7.9					480	130			480	224
610401				7.6					420	116			420	208
610321				7.5					83	45			150	86
610315				7.5					10	89			200	140
610310				7.3					102	36			216	104
600915		18.9	4.1	7.8	4				280		0.00	40	340	254
600125		1.1	12.9	8.0	1				890		8.00	21	450	198

OP 15 BIG CREEK
COUNTY ROAD BRIDGE 8 MI NORTH OF BROWNSTOWN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740919	0.130	0.005	110	0.07										
740821	0.100	0.000	30	0.00										
740715	0.090	0.040	40	0.50	0.025	0.00	0.00	0.00	0.000	0.3	0.02	0.75	0.0	0.2
740603	0.120	0.005	510	0.10										
740506	0.030	0.010	130	0.05										
740410	0.230	0.005	570	0.15										
740226	0.090	0.015	100	0.25										
740124	0.340	0.000	560	0.40	0.000	0.00	0.00	0.00	0.000	3.3	0.02	0.27	0.0	0.2
731211	0.080	0.005	40	0.30										
731114	0.410	0.040	90	0.20	0.010	0.00	0.00	0.00	0.000	3.9	0.00	3.30	6.4	0.3
730911	0.200	0.015	160	0.50										
730806	0.300	0.010	150	0.10										
730702	0.100	0.000	2100	0.20										
730607	0.270	0.025	1500	0.70										
730514	0.160	0.010	250	0.20										
730418	0.250	0.000	1200	0.50										
730306	0.310	0.012	530	0.20										
721218	0.100	0.100	20	0.50										
721116	0.150	0.008	2200	0.30										
721102	0.520	0.010	7400	0.60										
721020	0.160	0.023	290	0.20	0.030	0.00	0.01	0.04	0.000	5.2	0.04	2.67	0.0	0.2
720905		0.036	460	0.20									0.0	
720821	0.000	0.012	130	0.20	0.010	0.00	0.00	0.53	0.000	1.6	0.04	1.29	0.0	0.3
720804	0.030	0.012	570	0.00									0.0	
720720	0.240	0.003	0	0.00									0.0	
720613	0.050	0.010	60	0.20										
720517	0.080	0.010	80	0.00	0.000	0.00	0.00	0.21	0.000	0.7	0.01	0.23		0.2
720410	0.010	0.000	60	0.00										
720216	0.000	0.067	90	0.40	0.010	0.00	0.00	0.04	0.000	0.6	0.13	7.50		0.2
711129	0.000		250	0.00										
711026	0.131		100	0.20										
710920	0.065		900	0.10										

OP 15 BIG CREEK
COUNTY ROAD BRIDGE 8 MI NORTH OF BROWNSTOWN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	BOD (MG/L)	COLOR UNITS
740715		0.000	0.6	0.1			0.2	0.00	0.000	0.0			2410	
740506													1050	
740124		0.000	0.3	0.4	0.00		0.1	0.00	0.000	0.0				
731211													1451	
731114		0.000	1.1	0.4	0.00		0.0	0.00	0.000	0.0			3089	
721102											4400			
721020		0.000	2.6	0.2	0.01		0.0	0.00	0.000	0.0				
720821		0.001		0.1	0.00		0.1	0.00	0.020	0.1				
720517					0.00		0.0			0.1				
720216					0.00	0.60	0.1			0.0		400		

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740917		17.2	8.3	7.9			0.7	633			0.20			
740822		23.3	6.3	8.1			0.8	633	18	71	0.40			
740722		23.9	5.5	8.0			0.7	750			0.50			
740521		23.3	6.5	7.8			1.9	583	47	71	0.30			
740411		12.8	9.6	8.0			1.2	717			0.30			
740320		7.2	11.1	8.2			1.3	700			0.20			
740221		5.0	11.5	8.1			1.6	450	13	82	0.40			

OQ 01 BECK CREEK
COUNTY LINE ROAD BRIDGE 2 MI WEST OF HERRICK --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740124		3.9	11.5	8.1			1.3	383			0.30			
731211		1.7	13.8	8.2			1.1	670			0.30			
731114		13.3	7.8	8.1			0.6	667			0.40			
731004		20.0	6.2	7.9			0.6	417			0.30			
730911		20.6	6.1	8.0			0.6	500			0.20			
730806		23.3	6.6	8.0			0.6	483			0.40			
730702		24.4	6.7	8.1			0.8	533			0.50			
730607		20.6	6.8	8.0			3.1	433			0.50			
730514		13.9	9.0	8.1			0.5	817			0.30			
730418		13.3	9.0	8.0			0.7	483			0.40			
730306		10.6	9.6	7.9			1.5	500			0.50			
730206		6.1	11.3	7.9			0.7	567			0.70			
721218		2.8	11.5	7.6			1.0	650			0.70			
721116		4.4	11.4	8.3			1.1	467			0.80			
721102		13.3	6.9	7.5			1.3	217			0.50			
721023		11.7	7.2	7.9			0.7	600			0.70			
720821		28.3	7.8	8.1			0.3	433			0.50			
720720		30.0	7.3	8.2		10	2.5	567			0.80			
720613		23.9	8.2	8.0			0.7	683	23	80	0.60	29		
720517		18.9	7.7	8.0			0.6	700			0.50			
720410		11.7	10.7	8.2			0.5	917			0.30			
720228		8.3	12.6	8.1			1.1	600	27	105	0.50	11		
720117		0.6	9.9	6.9			1.2	723						
711129		4.4	9.0	7.5		25	0.5					25		
711026		16.1	2.9	7.8		36	0.0					85		
710920		16.7	5.1	7.1		28	0.0					270		
641209		2.2	10.4	7.5	3				46	116	0.80	20	280	224
620104				7.7					13	140			304	212
611206				7.9					20	85			270	184
611121				7.8					20	93			288	206
611101				7.8					13	155			240	164
610904				7.9					600	34			460	232
610824				7.6					27	69			248	210
610803				7.3					9	25			136	106
610608				7.9					16	131			296	236
610523				7.9					13	123			304	232
610503				8.0					18	85			312	244
610429				7.8					12	79			288	220
610411				8.0					14	290			264	186
610407				8.0					17	130			308	240
610401				7.8					13	116			296	224
610321				7.4					7	49			124	78
610310				7.2					11	47			216	148
600915			5.1	7.7	0				28		0.00	75	228	146
600125		1.1	12.0	8.1	2				69		0.00	10	384	264
581001		14.4	7.0	7.6	1				47			30	312	238
580716		22.2	7.8		7				14			1000	114	80

OQ 01 BECK CREEK
COUNTY LINE ROAD BRIDGE 2 MI WEST OF HERRICK --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740917	0.270	0.000	790	0.10										
740822	0.230	0.000	370	0.10	0.000	0.00	0.00	0.00	0.000	1.0	0.00	0.40	0.0	0.3
740722	0.410	0.000	110	0.00										
740521	0.380	0.000	1300	0.30	0.000	0.00	0.01	0.02	0.000	3.2	0.00	0.35	0.0	0.3
740411	0.220	0.000	5600	0.20										
740320	0.130	0.000	1700	0.10										
740221	0.420	0.000	3000	0.60	0.000	0.00	0.00	0.00	0.000	2.0	0.00	0.32	0.0	0.4
740124	0.290	0.000	800	0.30										
731211	0.310	0.005	80	0.30										
731114	0.930	0.000	50	0.00										
731004	0.870	0.000	44000	0.60										
730911	0.420	0.005	260	0.40										
730806	0.310	0.000	190	0.10										
730702	0.180	0.000	210	0.10										

OQ 01 BECK CREEK
COUNTY LINE ROAD BRIDGE 2 MI WEST OF HERRICK --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
730607	0.350	0.005	4600	0.40										
730514	0.250	0.000	360	0.10										
730418	0.150	0.002	650	0.10										
730306	0.450	0.000	3500	0.30										
730206	0.170	0.000	150	0.30										
721218	0.200	0.003	900	0.50										
721116	0.160	0.000	1600	0.30										
721102	0.640	0.013	8500	0.62										
721023	0.890	0.000	270	0.00									0.0	
720821	0.050	0.010	100	0.10										
720720	0.080	0.003	170	0.10									0.0	
720613	0.100	0.004	0	0.00	0.000	0.00	0.00	0.04	0.000	0.2	0.00	0.65		0.3
720517	0.060	0.010	130	0.00									0.0	
720410	0.080	0.000	50	0.00										
720228	0.360	0.010	0	0.60	0.000	0.00	0.00	0.05	0.000	0.5	0.00	0.05	0.0	0.3
720117	0.200	0.000	40	1.30										
711129	1.305		2800	1.50										
711026	0.816		5500	0.60										
710920	0.685			0.80										

OQ 01 BECK CREEK
COUNTY LINE ROAD BRIDGE 2 MI WEST OF HERRICK --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740822		0.000	0.0	0.2	0.00		0.0	0.00	0.000	0.0				
740521		0.000	0.1	0.2	0.01		0.0	0.00	0.000	0.0				
740221		0.000	0.1	0.3	0.00		0.0	0.00	0.000	0.0				
720613					0.00		0.0			0.0				
720228					0.00	0.20	0.0			0.0			0	

OQCA01 COAL CREEK
ROUTE US 51 BRIDGE 1 MI SOUTH OF PANA
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	ABAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711202		8.3	2.5	8.0		29	0.2							
711020		19.4	0.0	7.4		45	0.0							
710811		23.3	0.7	7.1		62	0.2				2.20			
641209		7.8	3.8	6.2					150	320		80	340	212
620103		10.0	4.5	6.9	20				56	154	1.70	80	162	108
610321				6.5	6				26				176	26
610314				5.6	10				420	280			276	6

OQCA01 COAL CREEK
ROUTE US 51 BRIDGE 1 MI SOUTH OF PANA --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
711202	2.774		270000	36.50										
711020	9.463		180000	17.50										

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	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740918		18.3	7.8	8.1			4.0	683			0.50			
740827		25.6	5.8	8.2			3.3	650	15	36	0.60			
740523		21.1	6.8	7.8			6.3	433	8	26	0.90			
740416		10.0	11.7	8.3			9.0	650			0.80			
740327		8.9	11.4	8.3			8.5	583			0.60			
740227		5.6	13.3	8.4			9.6	567			0.90			
740123		5.0	10.6	8.3			5.3	233			0.50			
731211		1.1	13.0	8.6			7.0	638			0.80			
731114		13.9	11.0	8.3			3.0	650	25	38	0.50			

OT .01 WEST OKAW RIVER
ROUTE 121 BRIDGE 6 MI NORTHWEST OF SULLIVAN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740918	0.250	0.000	550	0.00										
740827	0.030	0.005	300	0.10	0.000	0.00	0.00	0.00	0.000	0.6	0.00	0.21	0.0	0.3
740523	0.500	0.000	1200	0.80	0.000	0.01	0.00	0.01	0.000	4.0	0.00	0.12	0.0	0.2
740416	0.270	0.000	290	0.40										
740327	0.080	0.000	20	0.10										
740227	0.060	0.000	2700	0.40										
740123	0.490	0.000	260	0.80										
731211	0.090	0.000	0	0.10										
731114	0.190	0.000	20	0.10	0.000	0.00	0.00	0.00	0.000	1.0	0.00	0.10	0.2	0.3

OT 01 WEST OKAW RIVER
ROUTE 121 BRIDGE 6 MI NORTHWEST OF SULLIVAN —CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740827		0.000	0.1	0.2	0.00		0.0	0.00	0.000	0.0	800			
740523		0.000	0.3	0.2	0.01		0.0	0.00	0.000	0.0				
740227											3600			
731114		0.000	0.0	0.5	0.00		0.0	0.00	0.000	0.0				

OV 01 WEST FORK CREEK
TOWNSHIP ROAD BRIDGE 1 MI NORTHEAST OF ARTHUR
LAB:

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
711201		3.3	11.2	8.4		28	0.2							
711021		17.2	4.4	7.9		40	0.0							
710812		20.0	8.1	8.1		16	0.7				31.60			
640719			0.0		160									
611227				7.8					15	65			316	228
611221				7.6					14	49			324	240
611214				7.8					16	43			320	264
611206				7.7					16	53			324	240
611129				7.8					15	45			324	244
611121				7.6					26	50			316	240
611113				7.7					24	60			316	272
611109				7.7					20	55			316	254
611101				7.4					120	35			280	280
611017				7.8					250	35			240	410
611011				7.7					510	19			230	520

OV 01 WEST FORK CREEK
TOWNSHIP ROAD BRIDGE 1 MI NORTHEAST OF ARTHUR --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
611004				7.4					340	23			260	430
610927		16.1	2.0	7.5	8				140	48			176	256
610921		19.4	3.6	7.7	36				370	13			160	450
610913		24.4	8.0	8.2	49				750	16			180	648
610906		26.1	13.8	7.8	6				680	13			220	584
610824				8.2					435	20			250	516
610816				7.8					160	48			680	320
610809				8.0					85	18			270	320
610802		26.7	11.4	7.4	20				168	21			280	392
610719		31.7	0.0	7.5	66				148	6			300	400
610712		26.1	8.2	7.5	15				65	33			310	332
610706		30.0	4.2	7.8	36				66	31			284	320
610629				7.5					30	48			244	252
610622		25.0	17.4	7.7	54				12	43			280	168
610614		22.2	6.6	8.2	5				18	46			268	204
610601		24.4	15.4	8.1	4				20	52			268	212
610511		16.7	7.4	7.2	2				8	28			204	148
610504		15.6	8.6	7.7					2	42			282	210
610420		14.4	12.2	8.3	2				14	123			260	202
610412		4.4	10.0	7.8	5				18	45			252	200
610406		9.4	11.0	7.9	2				16	46			268	228
610102				7.8					10	62			320	236

OV 01 WEST FORK CREEK
TOWNSHIP ROAD BRIDGE 1 MI NORTHEAST OF ARTHUR --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
711201	1.305		210	13.50										
711021	4.405		430	3.10										

OZC 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 OXIGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
740916		17.8	9.9	7.7			0.2	667			0.10			
740808			1.7	8.0			0.0	3500	120	300	0.20			
740731		26.7	2.2	7.8			1.0	933			0.60			
740606		23.3	6.3	7.9			1.8	1083			0.50			
740509			10.4	7.8			1.2	733	23	140	0.40			
740411		6.7	10.4	7.9			0.8	633			0.30			
740328		12.8	10.6	8.2			0.1	583			0.10			
740219		3.3	10.8	7.8			1.1	950	40	260	0.20			
740128		5.6	11.1	7.5			0.6	500			0.40			
740109			12.3	7.9			1.2	1300						
731115		8.9	3.8	7.5			0.3		23	210	0.30			
731023		15.0	4.2	7.5			0.4				0.30			
730926		20.6	3.0	7.4			0.1	667			0.40			
730905		23.9	3.5	7.5			0.1	383			0.10			
730724		27.8	6.1	7.5			1.0	500			0.40			
730627		26.1	5.5	7.9			0.5	900			0.50			
730517		13.3	10.2	7.9			0.8	1183			0.40			
730403		9.4	9.7	7.9			0.3	750			0.30			
730315		13.3	6.9	7.4			0.5	233			0.30			
730222		1.7	12.6	8.1			1.0	1267			0.50			
730122		3.9	10.7	7.3			0.0	217			0.30			
721129		3.3	11.4	7.4			1.4	800			0.60			
721101		12.2	5.8	7.4			1.6	450			0.60			
721016		14.4	1.4	7.4			0.2	450			0.50			
720914		22.2	2.6	7.5			0.1	517			0.60			

OZC 01 PLUM CREEK
COUNTY ROAD BRIDGE 2.5 MI SOUTH OF BALDWIN --CONTINUED

DATE	DIS-CHARGE (CFS)	TEMP-ERA-TURE DEG C	DIS-SOLVED OXYGEN (MG/L)	PH UNITS	BOD 5 DAY (MG/L)	COD (MG/L)	NITRATE + NITRITE (MG/L)	SPEC COND UMHOS	CHLOR-IDE (MG/L)	SULFATE (SO4) (MG/L)	MBAS (MG/L)	TURBID-ITY UNITS	HARD-NESS (CACO3) (MG/L)	ALKA-LINITY (CACO3) (MG/L)
720821		24.4	2.4	7.2			0.1	350			0.50			
720629		20.6	2.9	8.0			0.0	700	18	120	0.60	30		
720530		17.8	5.1	7.5			0.4	217			0.20			
720502		15.6	6.7	7.8			0.7	617			0.50			
720411		9.4	8.0	7.7			0.1	1317			0.57			
720308		4.4	9.8	8.2			0.9	1717	33	530	0.50	10		
720106		0.6	12.4	8.0			0.9	763	19	240				

OZC 01 PLUM CREEK
COUNTY ROAD BRIDGE 2.5 MI SOUTH OF BALDWIN --CONTINUED

DATE	TOTAL PHOS-PHORUS (MG/L)	PHENOLS (MG/L)	FECAL COLIFORM (NO/.1L)	AMMONIA NITRO-GEN (MG/L)	CADMIUM (MG/L)	HEX CHROM-IUM (MG/L)	TRI CHROM-IUM (MG/L)	COPPER (MG/L)	CYANIDE (MG/L)	TOTAL IRON (MG/L)	LEAD (MG/L)	MANG-ANESE (MG/L)	MERCURY (UG/L)	FLOUR-IDE (MG/L)
740916	0.190	0.000	1100	0.05										
740808	0.150	0.005	610	0.03	0.000	0.00	0.00	0.00	0.000	1.3	0.00	0.65	0.0	0.8
740731	0.410	0.005	150	0.08										
740606	0.290	0.015	470	0.10										
740509	0.500	0.005	1500	0.10	0.000	0.00	0.00	0.00	0.000	1.1	0.01	0.62	0.0	0.3
740411	0.160	0.010	530	0.10										
740328	0.100	0.010	130	0.00										
740219	0.400	0.010	2900	0.30	0.000	0.00	0.00	0.00	0.000	6.5	0.02	0.70	0.2	0.2
740128	0.330	0.015	1500	0.25										
740109	0.080	0.005	110	0.45										
731115	0.300	0.015	1100	0.15	0.000	0.00	0.00	0.00	0.000	1.3	0.01	0.42	0.0	0.3
731023	0.260	0.010	1900	0.25										
730926	0.120	0.010	480	0.20										
730905	0.220	0.005	100	0.15										
730724	0.180	0.000	3800	0.40										
730627	0.140	0.010	3800	0.25										
730517	0.070	0.005	340	0.35										
730403	0.130	0.010	180	0.31										
730315	0.380	0.014	4300	0.98										
730222	0.050	0.007	40	0.54										
730122	0.550	0.012	1400	0.75										
721129		0.008	140	0.23										
721101	0.700	0.019	67000	0.15	0.000	0.00	0.02	0.10	0.000	5.5	0.02	0.57		
721016	0.200	0.003	500	0.51									0.0	
720914	0.150	0.010	710	0.35									0.3	
720821	0.110	0.005	530	0.25									0.0	
720629	0.060	0.005	610	0.20	0.000	0.00	0.00	0.09	0.000	1.6	0.08	1.39		0.3
720530	0.210	0.015	35000	0.61										
720502	0.060	0.015	12000	0.22										
720411	0.010	0.015	1300	0.09										
720308	0.050	0.000	270	1.00				0.25	0.000	0.6		1.07		
720106	0.130	0.000	930	0.50					0.007	1.3		0.06		0.2

OZC 01 PLUM CREEK
COUNTY ROAD BRIDGE 2.5 MI SOUTH OF BALDWIN --CONTINUED

DATE	SUS-PENDED SOLIDS (MG/L)	ARSENIC (MG/L)	BARIUM (MG/L)	BORON (MG/L)	CHROM-IUM (MG/L)	DIS-SOLVED IRON (MG/L)	NICKEL (MG/L)	SEL-ENIUM (MG/L)	SILVER (MG/L)	ZINC (MG/L)	PLANK-TON (NO/ML)	OIL (MG/L)	ROE (MG/L)	COLOR UNITS
740808		0.000	0.0	1.0			0.0	0.00	0.000	0.0			2490	
740509		0.001	0.0	0.2			0.0	0.00	0.000	0.0				
740219		0.002	0.2	0.2			0.0	0.00	0.000	0.0				
731115		0.000	0.2	0.2			0.0	0.00	0.000	0.0				
721101							0.0			0.0				
721016											4800			
720629			0.0		0.00		0.0		0.000	0.0				
720308						0.27								
720106						0.04								

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