

FINAL

2009 Study Plan for the Upper Scioto River Basin (Auglaize, Hardin, Logan, Marion, Crawford, Union and Delaware Counties, OH)

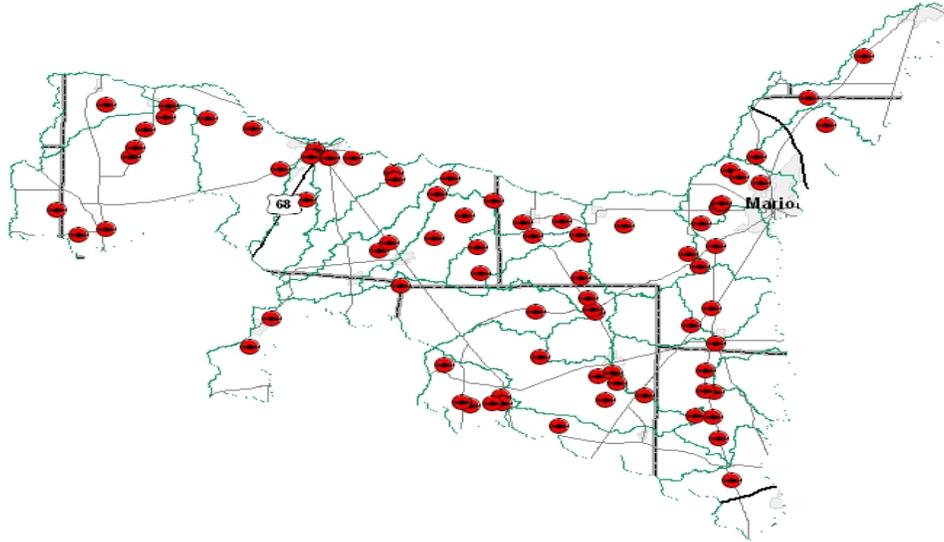


Figure 1. Study area for the Upper Scioto River Watershed, 2009.

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Introduction

As part of the five-year basin approach for NPDES permitting and the TMDL process, an intensive ambient assessment will be conducted during the 2009 field sampling season within the Upper Scioto River Watershed (Fig. 1). The study area will include the Scioto River mainstem from its source near Roundhead (RM 234.39) to the confluence with the Little Scioto River (RM 179.05) and an additional mainstem site at the USGS gage in Prospect (RM 169.25). Major tributary sampling will be conducted from the headwaters formed by Wallace Fork (RM 236.6) to Fulton Creek (RM 165.44); most tributary sampling is limited to larger streams having a drainage area of ≥ 8.0 miles². The study area is divided into 5 HUC 10s watersheds (including 0506000101, -02, -03, -04, and -05) and 21 smaller, HUC 12 sub-watersheds.

NOTE: Sampling originally scheduled for the Scioto River mainstem downstream from the Little Scioto River (excluding the Sentinel site at RM 169.25) and additional sampling planned for the upper Bokes Creek watershed (Union County) in 2009 was canceled due to resource constraints.

Sampling in the creosote contaminated section of the Little Scioto River near Marion has been largely avoided because the stretch was assessed by DERR (Department of Emergency and Remedial Response) in 2007 (Ohio EPA 2008). Sampling will be conducted in the immediate vicinity of the Marion WWTP and in North Rockswale Ditch from reaches dredged of contaminants in 2008.

The basin is split between both the Northwest District Office (NWDO) based in Bowling Green and the Central District Office (CDO) in Columbus. However, for this survey, the chemical sampling field work will be conducted by CDO staff only.

Sampling locations and types of sampling scheduled for the study area are listed in Table 2 (see accompanying Excel file).

Sampling Objectives

- 1 Systematically sample and assess the principal drainage networks of the Upper Scioto River and its tributaries in support of the TMDL process,
- 2 Gather ambient environmental information (biological, chemical, and physical) from designated water bodies, to assess current Beneficial Uses (e.g., aquatic life, recreational, water supply), Table 2,
- 3 Collect fish tissue samples at selected stations as listed in Table 3 (tentative listing),

- 4 Verify the appropriateness of existing, unverified, Beneficial Use Designations,
- 5 Establish baseline ambient biological conditions at selected reference stations to evaluate the effectiveness of future pollution abatement efforts, and
- 6 Document any changes in the biological, chemical, and physical conditions of the study areas where historical information exists, thus expanding the Ohio EPA data base for statewide trends analysis (e.g., 305[b]).

The components of the TMDL process supported by this survey are primarily the identification of impaired waters, verification (and redesignating if necessary) of beneficial use designations, and sources of use impairment. These data are necessary precursors to the development of effective control or abatement strategies.

Water chemistry, biology, bacteriology, and effluent sampling will be conducted from 71 locations (63 biological, 66 chemistry) in the basin and is summarized below:

Sample Type	Passes	No. Sites
Conventional Water Quality (total)	5	66
Bacteriological	5	34
Water Column Organics	1	12 (Sentinel Sites)
New Age Pesticides	1	12 (Sentinel Sites)
BNA, Pesticides, PCBs	1	12 (Sentinel Sites)
Datasonde®	-	24
Sediment	1	12 (Sentinel Sites)
Sediment Metals	1	12 (Sentinel Sites)
Sediment Organic	1	12 (Sentinel Sites)
Fish Stations (total)	1-2	63 (97 passes)
2x	2	34
1x	1	29
Macrobenthos (total)†	Qnt. & Ql.	63
Quantitative (Hester Dendy)	NA	36
Qualitative (Natural Substrates)	NA	27
Chlorophyl-a	1	15

A list of NPDES facilities in the basin can be found in Table 1. These facilities, particularly the larger or major (>1 mgd) municipal dischargers in Kenton, Marion, Rushsylvania, and Richwood, are targeted for evaluation of their potential aquatic influences. Effluent samples will be collected from the Kenton, Marion, and Richwood plants.

A number of Ohio EPA or Ohio Department of Agriculture (ODA) permitted livestock facilities are also located in the basin:

http://www.epa.state.oh.us/dsw/cafo/FacilityLocations_8x14_061308a.pdf.

Among the largest are Ohio Fresh Egg (20449 County Road 245, Mt. Victory, Ohio) that includes 2 stormwater outfalls on McDonald Creek (see aerial photo) and Van Duerzen Dairy on Twin Branch (Scioto River Trib. @ RM 223.08) just south of McGuffey. Van Duerzen is covered by a permit-to-operate issued by the Ohio Department of Agriculture but should have no outfall. Both facilities will be bracketed by 2009 sampling.



Datasonde® continuous monitors are scheduled for deployment at 24 locations, primarily to assist in assessments of major point and nonpoint source dischargers. Chlorophyll-a sampling will also be used to evaluate background nutrient levels and is slated for the twelve Sentinel sites and selected sites downstream from the larger point sources and animal farms. Fish tissue samples will be collected from the Scioto River mainstem, the Little Scioto River and Rush Creek; a tentative list of sites is found in Table 3.

Total Maximum Daily Load (TMDL)

Information collected as part of this survey will support TMDL development for the study areas. The objectives of the TMDL process are to estimate pollutant loads from the various sources within the basin, define or characterize allowable loads to support the various beneficial uses, and to allocate pollutant loads among different pollutant sources through appropriate controls (e.g., NPDES permitting, storm water management, 319 proposals, NPS controls or other abatement strategies).

Aquatic Life Use Designations

Most Upper Scioto basin streams scheduled for sampling are designated WWH (Warm Water Habitat) either based on past biological surveys (verified/ +) or the original 1978 Water Quality Standards (unverified/ *). Exceptions include:

Cottonwood Ditch: CR 35 (RM 4.5) to mouth; MWH (Modified Warm Water Habitat)

Big Swale: LRW (Limited Resource Water) small drainage maintenance

Little Scioto River: Dst. Hillman Ford Rd (RM 9.0) to mouth - MWH

North Rockswale Ditch: RM 4.4 to mouth – MWH

Ottawa Creek: Headwaters to Mooney Rd (RM 1.6); LRW-small drainage maint.

The Ohio EPA is obligated to review, evaluate, or recommend (where appropriate) Beneficial Uses prior to basing any permitting actions on existing, unverified designations, or entirely unclassified water bodies. Much of the sampling effort for this survey is allocated to fulfill this obligation.

SAMPLING ACTIVITIES

Chemical/Physical Water and Sediment

The 66 chemical sampling locations within the study area are listed in Table 2; chemical parameters to be tested are listed in Table 4. Conventional chemical/physical water quality samples will be collected 5 times at each routine monitoring site and more frequently at 12 selected Sentinel Site locations (see description below). Water column organics (1x – spring 2009) and sediment samples will be collected from the Sentinel sites and Datasonde® continuous monitors will be deployed at 24 locations. Surface water sampling will occur across a variety of flow conditions, from lower flows to moderate and higher flows.

Sentinel Site Monitoring Program

Typically, Ohio EPA sampling occurs within the critical low flow period of the year during the summer season when the attainment status for biological water quality criteria can be assessed. However, recognizing the impact of non-point pollution sources on streams and the lack of water chemistry data available under varying flow and seasonal conditions, Ohio EPA developed a “sentinel site” approach in an effort to develop data sets over an annual period of varying climatic and flow conditions. In addition to assisting in the analysis of causes and sources of any observed non-attainment, the resulting data set supports water quality modeling efforts for pollutants where total maximum daily loads (TMDLs) may be necessary.

Sentinel site selection is based on several factors including proximity to the watershed boundary, drainage area size (≥ 20 mi²), and varying land use (urban, agricultural, etc). If possible, locations are selected that have USGS flow stations. Typically, however, bridge to water measurements are taken at each site using a weighted tape in conjunction with periodic instream flow measurements in order to develop predictive gage height to stream flow relationships.

Bacteriological Sampling

Water samples will be collected at 30 selected chemistry sites (5x) for bacteriological analyses to determine the Primary Contact recreational use attainment status. The Kenton and Marion WWTP effluent discharges will also be sampled. Stream sampling locations include all 12 Sentinel sites, all designated Class A sites (*i.e.*, ODNR listed canoeable river reaches), and smaller Class B primary contact recreation sites as designated by Ohio EPA (OAC 3745-1-07, proposed) from the most downstream end of each 12 digit HUC. Testing will include *Escherichia coli* (E. coli) bacteria.

Macroinvertebrate and Fish Assemblages

Macroinvertebrate and fish sampling methods will be used as listed in Table 2. QHEI scores will be calculated on the habitat at all fish sampling locations.

Fish Tissue

Fish tissue samples will be collected from the study area as part of the Ohio Fish Tissue Consumption Monitoring Program. The Scioto River, Little Scioto River and Rush Creek are scheduled for sampling and a tentative list of sites is found in Table 3. Fillet samples of edible size sport fish will be tested for organochlorinated pesticides, PCBs, mercury, lead, cadmium, arsenic, and selenium.

Ohio EPA Manuals

All biological, chemical, EPA laboratory, data processing, and data analysis methods and procedures adhere to those specified in the Manual of Ohio EPA Surveillance Methods and Quality Assurance Practices (Ohio EPA 2006), Biological Criteria for the Protection of Aquatic Life, Volumes II – III (Ohio Environmental Protection Agency 1987, 1989a, 1989b), The Qualitative Habitat Evaluation Index (QHEI); Rationale, Methods, and Application (Rankin 1989) for habitat assessment, Ohio EPA Sediment Sampling Guide and Methodologies (Ohio EPA 2001), and Ohio EPA Fish Collection Guidance Manual (Ohio EPA 2004) .

Use Attainment

Attainment/non-attainment of aquatic life uses will be determined by using biological criteria codified in Ohio Administrative Code (OAC) 3745-1-07, Table 7-17. Numerical biological criteria are based on multimetric biological indices including the Index of Biotic Integrity (IBI) and modified Index of Well-Being (MiwB), indices measuring the response of the fish community, and the

Invertebrate Community Index (ICI), which indicates the response of the macroinvertebrate community.

Performance expectations for the basic aquatic life uses (Warmwater Habitat [WWH], Exceptional Warmwater Habitat [EWH], and Modified Warmwater Habitat [MWH] were developed using the regional reference site approach (Hughes et al. 1986; Omernik 1987). This fits the practical definition of biological integrity as the biological performance of the natural habitats within a region (Karr and Dudley 1981). Attainment of an aquatic life use is FULL if all three indices (or those available) meet the applicable criteria, PARTIAL if at least one of the indices did not attain and performance did not fall below the fair category, and NON if all indices either fail to attain or any index indicates poor or very poor performance. The results will be compared to WWH biocriteria for the Eastern Corn Belt Plain (ECBP) ecoregion.

Recreational use attainment will be determined using and *E. coli* bacteria.

Stream Habitat Evaluation

Physical habitat is evaluated using the Qualitative Habitat Evaluation Index (QHEI) developed by the Ohio EPA for streams and rivers in Ohio (Rankin 1989). Various attributes of the available habitat are scored based on their overall importance to the establishment of viable, diverse aquatic faunas. Evaluations of type and quality of substrate, amount of instream cover, channel morphology, extent of riparian canopy, pool and riffle development and quality, and stream gradient are among the metrics used to evaluate the characteristics of a stream segment, not just the characteristics of a single sampling site. As such, individual sites may have much poorer physical habitat due to a localized disturbance yet still support aquatic communities closely resembling those sampled at adjacent sites with better habitat, provided water quality conditions are similar. QHEI scores from hundreds of segments around the state have indicated that values higher than 60 were generally conducive to the establishment of warmwater faunas while those which scored in excess of 75-80 often typify habitat conditions which have the ability to support exceptional faunas.

Biological Community Assessment

Macroinvertebrates will be collected from artificial substrates and from the natural habitats. Quantitative sampling will be conducted at reference sites and at sites with drainage areas in excess of 20 mi². Qualitative sampling will be conducted in headwater sites with drainages smaller than 20 mi². The artificial substrate collection provides quantitative data and consists of a composite sample of 5 modified Hester-Dendy (HD) multiple-plate samplers colonized for six weeks. At the time of the artificial substrate collection, a qualitative multihabitat composite sample is also collected. This sampling effort consists of an inventory of all observed macroinvertebrate taxa from the natural habitats at each site with no attempt to quantify populations other than notations on the predominance of specific taxa or taxa groups within major macrohabitat types (e.g., riffle, run, pool, margin). Fish will be sampled at each sampling location with pulsed DC current.

Two passes will be conducted at sites larger than 20 mi² and at reference sites. Detailed biological sampling protocols are documented in the Ohio EPA manual Biological Criteria for the Protection of Aquatic Life, Volume III (1989).

Sediment

Fine grained multi-incremental sediment samples will be collected in the upper 4 inches of bottom material using either decontaminated stainless steel scoops or Ekman dredges. Collected sediment will be placed into appropriate containers, placed on ice (to maintain 4°C) and shipped to the Ohio EPA lab. Sampling and decontamination protocols will follow those listed in the Ohio EPA Sediment Sampling Guide and Methodologies, November, 2001.

Surface Water

Surface water grab samples will be collected from the upper 12 inches of river water into appropriate containers. Collected water will be preserved using appropriate methods, as outlined in Parts II and III of the Manual of Ohio EPA Surveillance Methods and Quality Assurance Practices (Ohio EPA 2006) and shipped overnight via courier to the Ohio EPA lab for analysis. Field measurements of dissolved oxygen, pH, temperature, and conductivity will be made using YSI 600XL multi-parameter water quality sondes along with all grab samples for surface water chemistry. Datasonde® continuous recorders will be placed at select locations to evaluate diurnal measurements of dissolved oxygen, pH, temperature, and conductivity.

Bacteria

Water samples will be collected into appropriate containers, cooled to 4°C, and transported to the transported to Ohio EPA DES lab in Reynoldsburg, Ohio or the Alloway environmental testing lab in Marion, Ohio within 6 hours of sample collection. All samples will be analyzed for *E. coli* bacteria using U.S.EPA approved methods (STORET Parameter Code 31648).

Fish Tissue

Tissue fillet samples will be collected from fish of edible size, and species preferred for analysis may include spotted bass, largemouth bass, smallmouth bass, flathead catfish, walleye, saugeye, white bass, common carp, freshwater drum, and channel catfish. When possible, composite samples (by species) will be collected using a minimum of three fish and a minimum of 150 grams of material. At each sampling location, an attempt will be made to collect five fish species for fillet tissue analysis. Fish will be sampled using electrofishing boat methods at the reservoir and wading method at the remainder sites.

Fish used for tissue analysis will be filleted in the field using decontaminated stainless steel fillet knives. Filleted samples will be wrapped in aluminum foil, placed in a sealed plastic bag, and placed on dry ice. Sampling and decontamination protocols will follow those listed in the Ohio EPA Fish Collection Guidance Manual (2004); however, it is not necessary to clean aluminum foil

which is used directly from the roll. Fish tissue samples will be stored in chest freezers at the Ohio EPA Groveport Field Facility prior to delivery to DES.

Field Quality Control Samples

Ten percent of the sediment, water, and bacteria samples will be submitted to the lab as field duplicates. One Datasonde® recorder site will have two instruments placed in the river as field duplicates. Field blanks will occur at a minimum of 5 percent of the water samples. Field instruments will be calibrated daily, using manufacturer guidelines and requirements noted in the Manual of Ohio EPA Surveillance Methods and Quality Assurance Practices (Ohio EPA 2006). Matrix spike duplicates will be collected for organic water samples at a minimum of 5 percent.

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ER "Spill Reporting Hot Line Number" 1 (800) 282-9378

Please contact Jack Freda for any updates to this study plan

Table 1. Facilities regulated by the National Pollutant Discharge Elimination System which discharge to the Upper Scioto River watershed.

Facility Name	Type	NPDES Number	Receiving Stream	Flows Into	RM	Lat.	Long.
Marion County						outfall	outfall
Marion WWTP	Major	2PD00011	Little Scioto R	Scioto R	6.39	40.58984	-83.18368
Ridgedale Local Schools	Minor	2PT00049	Little Scioto R	Scioto R			
Pleasant Local Schools	Minor	2PT00048	Honey Ck	Little Scioto R	3.98	40.525634	-83.151789
Harmony WWTP	Minor	2PG00072	Honey Ck	Little Scioto R	1.81		
Pleasant Acres MHP	Minor	2PR00040	Honey Ck	Little Scioto R			
Morning View Care Center	Minor	2PR00240	Honey Ck	Little Scioto R	2.70		
North Quarry Subdivision	Minor	2PW00004	Honey Ck	Little Scioto R	3.42		
Marion Ethanol LLC	Minor	2IF00025	N Rock Swale Ditch (6.55)	Little Scioto R			
Asphalt Materials, Marion Div	Minor	2IN00163	N Rock Swale Ditch (6.55)	Little Scioto R			
BP Marion	Minor	2IN00170	R. Swale Ditch (storm sewer)	Little Scioto R			
Sypris Technologies	Minor	2II00104	Rock Swale Ditch (2.89)	Little Scioto R	2.22		
Whirlpool- Marion	Minor	2IC00009	Rock Swale Ditch (2.89)	Little Scioto R	2.23		
Star Lanes	Minor	2PR00194	Little Scioto R Trib () ?	Little Scioto R			
Nucor Steel Marion LLC	Minor	2ID00017	Little Scioto R Trib ()	Little Scioto R			
Grandview Estates	Minor	2PG00036	Rock Fork Trib (6.00)	Rock Fork	4.15		
National Lime & Stone	Minor	2IJ00027	Harvey Ditch (1.49)	Rock Fork Trib (2.50)	0.86		
Sim Brothers	Minor	2IN00052	Sawyer Lake Trib ()	Sawyer Lake		40.56547	-83.13497
Village of Prospect	Minor	2PA00041	Scioto R	Ohio River	170.93	40.44035	-83.19153
New Bloomington WWTP	Minor	2PA00065	Scioto R	Ohio River		40.56438	-83.31516
LaRue WWTP	Minor	2PA00051	Scioto R	Ohio River			
Hickory Grove Lake Cmpgrd	Minor	2GS00008	Scioto R Trib (180.24)	Scioto R			
Elgin High School	Minor	2PT00052	Glade Run	Scioto R			
Hardin County							
Kenton WWTP (001 dst bypass)	Major	2PD00020	Scioto R		211.40	40.63636	-83.59795
Kenton WWTP (001 ust bypass)	Major	2PD00020	Scioto R		211.40		
Durez Corp.	Major	2IF00002	Taylor Ck	Scioto R	2.08	40.62304	-83.61846
Ridgemont High School	Minor	2PT00027	Swallow Ditch (trib @ 8.84)	Panther Ck	2.54	40.51205	-83.56895
Mt. Victory WWTP	Minor	2PA00046	Panther Ck		6.78	40.55688	-83.5237
Eldridge Station Hills WWTP	Minor	2PG00005	Scioto R			40.62303	-83.49439
Fairwayview Subd. WWTP	Minor	2PG00012	Scioto R		209.92	40.63814	-83.5715
Reed Road Subd. WWTP	Minor	2PG00004	Scioto R			40.57242	-83.82468

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Facility Name	Type	NPDES Number	Receiving Stream	Flows Into	RM	Lat.	Long.
Green Hills Coach Park	Minor	2PY00041	Taylor Ck Trib (5.13)	Taylor Ck		40.58776	-83.6416
Sypris Technologies Kenton (001)	Minor	2IS00000	Taylor Ck	Scioto R	1.32	40.63123	-83.61743
Sypris Technologies Kenton (002)	Minor	2IS00000	Taylor Ck	Scioto R	1.23	40.63192	-83.61818
BP Kenton Bulk Plant	Minor	2IN00168	Scioto R Trib ()	Scioto R		40.6472	-83.62527
Andover Inc.	Minor	2IN00115	Scioto R via storm sewer	Scioto R		40.63994	-83.61465
Alger WWTP	Minor	2PB00064	Cottonwood Ditch Trib ()	Cottonwood Ditch		40.69844	-83.8471
McGuffey WWTP	Minor	2PA00006	Cottonwood Ditch			40.68959	-83.77792
Jumpin' Jims	Minor	2IN00215	Scioto R Trib ()	Scioto R		40.63434	-83.60135
Morton Buildings	Minor	2PR00233	Gander Run	Scioto R	1.95	40.6119	-83.58809
Logan County							
Rushsylvania WWTP	Minor	1PB00025	Rush Creek	Scioto R	37.3	40.463	-83.664
Union County							
Richwood WWTP	Minor	4PB00018	Fulton Creek	Scioto R	9.5	40.417	-83.295
Richwood WTP	Minor	4IW00121	Fulton Creek	Scioto R	9.43	40.417	-83.294
Tawa Estates WWTP	Minor	4PB00018	Ottawa Cr. via Ottawa Ditch	Scioto R	4.15	40.415	-83.262

Table 2. Upper Scioto River sample locations for the 2009 sampling season.

SEE ACCOMPANYING EXCEL FILE (.pdf Version)

Table 3. Tentative list of Fish Tissue sample locations in the Upper Scioto River basin study area, 2009.

Stream	River Mile	Location
Scioto River	211.2	dst. Kenton WWTP
Scioto River	207.3	dst. Kenton at Twp Rd. 199
Scioto River	201.0	dst. Kenton
Scioto River	196.2	at LaRue, ust. St. Rt. 37
Scioto River	186.0	at WTP, at refuge
Scioto River	178.7	ust. L. Scioto R., ust. St. Rt. 739
Scioto River	178.1	at Greencamp, at St. Rt. 739
Scioto River	169.2	at Hoskins Rd.
L. Scioto River	11.2	ust. Marion at Kenton-Galion Rd.
L. Scioto River	9.2	at Hillman-Ford Rd.
L. Scioto River	6.5	at Holland Rd.
L. Scioto River	6.3	adj. Marion WWTP
L. Scioto River	2.7	at St. Rt. 739
Rush Creek	0.55	at LaRue-Greencamp Rd.

Table 4. Chemical/physical water quality parameters to be analyzed/measured in surface water, sediment, and fish tissue from Upper Scioto River basin sample locations. Not all sites will be samples for all parameters. Water samples will be collected 5 times (organics once), sediment once. Bacteria samples will be collected 5 times during the recreation season (5– 10 times at sentinel sites). Select sampling locations will be monitored for dissolved oxygen, pH, temperature, and conductivity using Datasonde® continuous recorders (Table 2).

Parameters	Test Method	Water	Sediment	Fish Tissue
Cbod, 20 day	?	X		
SOLIDS, DISSOLVED (TDS)	USEPA 160.1	X		
SOLIDS, SUSPENDED (TSS)	USEPA 160.2	X		
AMMONIA	USEPA 350.1	X		
TKN	USEPA 351.2	X		
NITRATE-NITRITE	USEPA 353.1	X		
Nitrite	USEPA 354.1	X		
Chloride	USEPA 325.1	X		
COD	USEPA 410.4	X		
TOTAL PHOSPHORUS	USEPA 365.4	X		
ORTHOPOSPHATE, Dissolved	?	X		
GLYPHOSATE	USEPA 547	X		
ICP 1 (Al,Ba,Ca, Fe, Mg, Mn, Na, Ni, K, Sr, Zn, Hardness)	USEPA 200.7	X		
ICP 3 (Al,Ba,Ca,Fe,Mg,Mn,Na,K,Sr,Zn)	USEPA 200.7		X	
ICPMS 1 (As,Cd,Cr,Cu,Ni,Pb,Se)	USEPA 200.9, SM 3113B	X		X
ICPMS 2 (As,Cd,Cr,Cu,Ni,Pb,Se)	USEPA 200.9, SM 3113B		X	
MERCURY, TOTAL	USEPA 245.1,7470A,7471A	X	X	X (245.1)
pH – grab	YSI 600XL meter	X – field		
Conductivity – grab	YSI 600XL meter/ USEPA 120.1	X – field / lab		
Dissolved Oxygen – grab	YSI 600XL meter	X – field		
Temperature – grab	YSI 600XL meter	X – field		
VOCs	USEPA 624/USEPA 8260	X		
Herbicides	USEPA 525.2	X		
SVOCs (BNAS)	USEPA 625/ USEPA 8270C	X	X	
Pesticides/PCBs/ Chlordanes	USEPA 608/ USEPA 8081A, 8082	X (PCBs only)	X (PCBs only)	X (OEPA 590.1)
CARBAMATE	USEPA 531.1	X	X	
E.coli	USEPA 1103.1/ 640.1	X		
Percent Solids	SM 2540G		X	X

ODNR Wildlife Officers

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- Delaware Co.: Vacant (614) 644-3929 x1225
- Marion Co.: Chad Grote 614) 644-3929 x1210
- Union Co.: Chris Rice (614) 644-3929 x1213
- Logan Co.: Kevin Russell (614) 644-3929 x1213

District 2: (419) 424-5000

- Hardin Co.: Ryan Kennedy (419) 429-8385
- Crawford Co.: Jason Parr (419) 429-8380

District 5: (937) 372-9261

- Augalaize Co.: Matthew Hoehn (937) 372-5639 x5218

Hospitals

- Marion General Hospital, 1000 McKinley Park Drive, Marion, Ohio 43302
740-383-8400

Map and Directions



- **Hardin Memorial Hospital**, 921 E Franklin St, Kenton, OH 43326
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