REFERENCE DOCUMENT 1

Annual Summary Statistics

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Ohio Environmental Protection Agency
Office of Wastewater Pollution Control
Division of Surveillance and Water Quality Standards
Columbus, Ohio 43216
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Introduction for Annual Summary Statistics Tables

REFERENCE DOCUMENT 1 (RD1) - Yearly Summary Statistics

This document contains yearly summary statistics for chemical/physical parameters monitored in Ohio's ambient monitoring network, i.e., at monthly, quarterly and low-flow stations. Station information includes: STORET station number, latitude and longitude, a narrative description of the station's location, major drainage basin, State river basin and station river mile index (RMI) or river mile location.

STATION NUMBER 610000	STORET CODE
40 33 50.0 084 48 10.0 2	LATITUDE LONGITUDE
WABASH R AT STATE LINE	STATION DESCRIPTION
OHIO RIVER (WABASH RIVER)	MAJOR DRAINAGE BASIN (STATE RIVER BASIN)
MILES 0953.80 0133.10 465.60	RIVER MILE INDEX (RMI)

Statistical data for each parameter includes: parameter units, number of samples for the reporting period, mean, standard deviation, minimum and maximum values and the year and month for the beginning and end of the reporting period.

REFERENCE DOCUMENT 1 ORGANIZATION

Mainstem monitoring stations are arranged in alphabetical order by state river basin, and within each river basin by decreasing RMI or river mile. Mainstem followed by stations are located on tributaries arranged in alphabetical order and by decreasing RMI or river mile. (Table of Contents pages).

STATISTICAL REPORTING PROCEDURES

The lowest, detectable concentrations routinely analyzed by the Ohio Department of Health Laboratories (ODHL) are listed on page RD1- __. Parameter concentrations reported by ODHL to Ohio EPA that are below detectable limits are preceded by a less than notation on the original data sheets. The data are entered into the STORET System by the Ohio EPA with a letter code in place of the less than notation. The less than letter code was omitted when the summary statistics were processed, therefore, statistical summaries for each parameter may include lowest detectable limit values.

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ASHTABULA RIVER							
Ashtabula River near Ashtabula (State Rd)	5.5 (F-3)	502760 (04212500)	NEDO	NAWQMN, IJC (M)	WWH	1-2	3-5
Fields Brook near Ashtabula (15th St)	0.3 (F-3)	502780	NEDO	OEPA (M)	WWH	3	6-7
BLACK RIVER							
Black River at Elyria (Cascade Pk)	15.6 (D-4)	501520 (04200500)	NEDO	NAWQMN (M)	WWH	5-6	9-10
Black River below Elyria (Ford Rd)	10.4 (D-4)	501510 (04200550)	NEDO	IJC (M)	WWH	7-8	11-12
French Creek near Lorain (Rt 301)	0.7 (D-4)	501530	NEDO	OEPA (LF)	WWH	9	13
CHAGRIN RIVER							
Chagrin River at Willoughby (Rt 84)	5.0 (E-3)	502400 (04209000)	NEDO	NAWQMN, IJC (M)	EWH	10-11	14-16
CONNEAUT CREEK							
Conneaut Creek at Conneaut (Keefus Rd)	6.4 (F-3)	502870 (04213000)	NEDO	NAQMN, IJC (M)	CWH	12-13	17-19
CUYAHOGA RIVER							
Cuyahoga River at Independence (Old Rockside Rd.)	13.5 (E-2)	502020 (04208000)	NEDO	NAWQMN, NASQAN (M)	WWH	14-17	20-23

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CUYAHOGA RIVER (CONTINUED)							
Cuyahoga River near Akron (USGS gage, Old Portage Trail)	40.3 (E-2)	502160 (04206000)	NEDO	OEPA (LF)	WWH	22-23	28-29
Cuyahoga River at Cleveland (Lower Harvard Ave.)	7.3 (E-2)	502130 (04208503)	NEDO	IJC (M)	WWH	18-19	24-25
Cuyahoga River at Cleveland (W. Third St)	3.0 (E-2)	502140 (04208506)	NEDO	OEPA (LF)	WWH	20-21	26-27
Big Creek at Cleveland (Jennings Ave)	0.3 (E-2)	502120	NEDO	OEPA (Q)	WWH	24	30
Little Cuyahoga River near Akron (Otto St. gage)	2.0 (E-1)	502080 (04205700)	NEDO	OEPA (Q)	WWH	25-26	31-32
Mill Creek at Garfield Heights (Canal Road)	0.1 (E-2)	502110	NEDO	OEPA (Q)	WWH	27-28	33-34
Tinkers Creek at Bedford (USGS gage at SR 14)	5.5 (E-2)	502220 (04207200)	NEDO	OEPA (LF)	WWH	29-30	35-36
EUCLID CREEK							
Euclid Creek at Euclid (St. Clair Ave.)	1.7 (E-2)	504250 (04208690)	NEDO	OEPA (M)	WWH	31-32	37-38

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GRAND RIVER							
Grand River near Painesville (Rt 84)	8.7 (F-2)	502530 (04212100)	NEDO	NAWQMN, NASQAN (M)	WWH	33-34	39-40
Grand River at Painesville (Rt 535)	2.3 (F-2)	502520 (04212200)	NEDO	IJC (M)	WWH	35-38	41-44
GREAT MIAMI RIVER							
Great Miami River Below Lakeview (Rt 33)	156.2 (H-1)	600000	SWDO	OEPA (M)	WWH	39-40	45-46
Great Miami River below Piqua (Peterson Rd)	108.8	600090	SWDO	OEPA (LF)	WWH	41-42	47-48
Great Miami River near Taylorsville (SR 440)	90.7	610050 (03263000)	SWDO	OEPA (M)	WWH	43	49
Great Miami River at Dayton (Main St. Bridge)	80.0 (H-9)	610060 (03270500)	SWDO	NAWQMN (M)	WWH	44	50
Great Miami River at Miamisburg (SR 725)	66.4 (H-9)	600150 (03271500)	SWDO	OEPA (M)	WWH	45-46	51-52
Great Miami River at Hamilton (Columbia Bridge)	34.9	600270 (03274000)	SWDO	OEPA (M)	WWH	47-48	53-54
Great Miami River at New Baltimore (Blue Rock Road)	20.8	600030 (03274600)	SWDO	NAWQMN, NASQAN (M)	WWH	49-51	55-57
Great Miami River near Lawrenceburg (Lost Bridge)	5.2	600300	SWDO	OEPA (M)	WWH	52-53	58-59

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GREAT MIAMI RIVER (CONTINUED)							
Buck Creek near Springfield (U.S. 40 and SR 4)	0.2 (H-3)	600350	SWDO	OEPA (Q)	WWH	54-55	60-61
Dicks Creek near Excello (Yankee Rd)	2.5 (H-9)	600250	SWDO	OEPA (M)	WWH	56-57	62-63
Four Mile Creek at New Miami (Jacksonburg Rd)	0.3 (H-10)	600260	SWDO	OEPA (Q)	WWH	58-59	64-65
Greenville Creek near Covington (Rangeline Rd)	3.4 (H-6,7 2	600060	SWDO	OEPA (Q)	WWH	60-61	66-67
Indian Creek near Ross (SR 128)	0.5 (H-1)	600280	SWDO	OEPA (Q)	EWH	62-63	68-69
Loramie Creek near Lockington (Harding-Wapak Rd)	0.4 (H-2)	600320	SWDO	OEPA (Q)	WWH	64-65	70-71
Mad River near Urbana (SR 36)	39.0 (H-3)	600130	SWDO	OEPA (LF)	CWH	66-67	72-73
Mad River at Eagle City (St. Paris Pike)	28.7 (H-3)	610040	SWDO	NAWQMN (M)	CWH	68-69	74-75
Mad River below Springfield (lower Valley Pike)	23.5	610010	SWDO	OEPA (LF)	WWH	70-71	76-77
Mad River above Dayton (Rt 444)	5.9	600190	SWDO	OEPA (M)	WWH	72-73	78-79

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GREAT MIAMI RIVER (CONTINUED)							
Seven Mile Creek near Seven Mile (Taylor School Rd)	1.3	600340	SWDO	OEPA (Q)	WWH	73-74	79-80
Stillwater River near Englewood (U.S. 40)	8.9 (H-6,7_1)	600110 (03266000)	SWDO	OEPA (M)	WWH	75	81
Twin Creek near Franklin (Dayton-Oxford Rd)	0.6 (H-8,11a)	600180	SWDO	OEPA (Q)	EWH	76-77	82-83
Whitewater River near Hoover (Suspension Bridge Rd)	0.5	600290	SWDO	OEPA (Q)	WWH	78-79	84-85
HOCKING							
Hocking River below Lancaster (U.S. 33)	86.7 (O-1)	601550	CDO	OEPA (M)	WWH	80-81	86-88
Hocking River at Enterprise (CR 31 Bridge)	72.5 (O-1)	601530 (03157500)	SEDO	OEPA (M)	WWH	82-83	89-91
Hocking River at Athens (U.S. 33)	39.6 (O-2)	601650 (03159510)	SEDO	NAMWQN, NASQAN (M)	WWH	84	92-93
HURON RIVER							
Huron River below Milan (Mud Brook Rd)	1.6 (D-2)	501050	NWDO	NAWQMN, IJC (M)	EWH	85-86	94-95
East Branch Huron River below Norwalk (Schaeffer Rd)	2.0 (D-2)	501070	NWDO	OEPA (LF)	WWH	87-88	96-97
Rattlesnake Creek at Norwalk (Lais Rd)	1.7 (D-2)	501080	NWDO	OEPA (Q)	WWH	89-90	98-99

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LAKE ERIE							
Turkey Creek near Conneaut (Lake Rd)	0.1 (F-3)	504260	NEDO	OEPA (Q)	CWH	91-92	100-101
LITTLE BEAVER CREEK							
Little Beaver Creek near East Liverpool (Grimms Bridge Road)	4.6 (S-1)	602000 (03109500)	NEDO	NAWQMN (M)	WWH	93-94	102-104
Middle Fork near Salem (Beachwood Rd)	52.8 (S-1)	602120	NEDO	OEPA (LF)	WWH	95-96	105-106
North Fork at Fredericktown (Fredericktown Rd)	0.2 (S-1)	612010	NEDO	OEPA (Q)	CWH	97-98	107-108
West Fork near Guilford (SR 30)	6.6 (S-1)	612000	NEDO	OEPA (Q)	WWH	99-100	109-110
Chemline Tributary near Lisbon (SR 518)	0.1 (S-1)	602090	NEDO	OEPA (M)	WWH	101-102	111-113
Stateline Creek East Branch near Negley (Twp. Rd 1024)	0.1 (S-1)	602060	NEDO	OEPA (M)	WWH	103-104	114-115
Stateline Creek West Branch near Negley (Twp. Rd 1024)	0.1 (S-1)	602050 (03109320)	NEDO	OEPA (M)	WWH	105-106	116-117

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LITTLE MIAMI RIVER							
Little Miami River at Oldtown (U.S. 68)	79.5 (K-1)	600570	SWDO	NAWQMN (M)	EWH	107-108	118-119
Little Miami River near Xenia (Bellbrook Rd)	68.2 (K-1)	610550	SWDO	OEPA (Q)	WWH	109-110	120-121
Little Miami River at Spring Valley (Roxanna-New Burlington Rd)	59.3 (K-1)	600600	SWDO	OEPA (M)	WWH	111-112	122-123
Little Miami River near Morrow (Stubbs Mill Rd)	35.7 (K-5)	610520	SWDO	OEPA (M)	WWH	113-114	124-125
Little Miami River at Milford (U.S. 50)	12.7 (K-5)	600520 (03245500)	SWDO	NAWQMN, NASQAN (M)	WWH	115-117	126-128
East Fork Little Miami River at South Milford (near Terrace Park Country Club)	0.8 (K-5)	610530	SWDO	OEPA (M)	WWH	118-119	129-130
Beaver Creek near Xenia (Factory Rd)	0.1 (K-1)	600510	SWDO	OEPA (Q)	WWH	120-121	131-132
Caesar's Creek near Oregonia (Corwin Rd)	0.2 (K-2)	600550	SWDO	OEPA (M)	EWH	122-123	133-134

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MAHONING RIVER							
Mahoning River at Leavittsburg (Leavitt Rd)	45.0 (T-2)	602280 (03094000)	NEDO	NAWQMN (M)	MRS	124-125	135-136
Mahoning River at Warren (South St. gage)	37.4 (T-2)	602400	NEDO	OEPA (Q)	MRS	126-127	137-138
Mahoning River at Niles (W. Park Ave)	33.1 (T-2)	602290	NEDO	OEPA (Q)	MRS	128-129	139-140
Mahoning River at Lowellville (First St)	11.6 (T-3_1)	602300 (03099500)	NEDO	NAWQMN (M)	MRS	130-131	141-142
MAUMEE RIVER							
Maumee River at Antwerp (SR 49)	100.3 (A-7)	500140 (04183500)	NWDO	NAWQMN (M)	WWH	132-133	143-144
Maumee River at Defiance (WTP)	65.6 (A-7)	500180 (04184100)	NWDO	OEPA (LF)	WWH	134-135	145-146
Maumee River near Florida (CR 18)	54.6 (A-10)	510210	NWDO	OEPA (LF)	WWH	136-137	147-148

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MAUMEE RIVER (CONTINUED)							
Maumee River at Waterville (Rt 64)	20.8 (A-11)	500080 (04193500)	NWDO	NAWQMN, NASQAN IJC (M)	WWH	138	149
Auglaize River at Wapakoneta (Water St)	74.5 (A-3)	510240	NWDO	OEPA (Q)	WWH	139-140	150-151
Auglaize River at Wapakoneta (Fox Ranch Rd)	70.8 (A-3)	510250	NWDO	OEPA (Q)	WWH	141-142	152-153
Auglaize River near Fort Jennings (SR 224)	39.5 (A-3)	500070	NWDO	OEPA (LF)	WWH	143-144	154-155
Auglaize River near Cloverdale (SR 114)	28.5 (A-3)	500110	NWDO	OEPA (LF)	WWH	145-146	156-157
Auglaize River near Oakwood (SR 613)	19.3 (A-3)	500130	NWDO	OEPA (LF)	WWH	147-148	158-159
Auglaize River above Defiance (Power Dam, Harding Road)	4.1 (A-7)	500290 (04191500)	NWDO	NAWQMN (M)	WWH	149-150	160-161
Blanchard River below Findlay (County Rd)	53.0 (A-6)	500040 (04189000)	NWDO	OEPA (M)	WWH	151-152	162-163
Blanchard River near Dupont (CR 21)	2.5 (A-5)	500090	NWDO	OEPA (LF)	WWH	153-154	164-165
Little Auglaize River below Melrose (SR 613)	2.0 (A-2)	510200	NWDO	OEPA (LF)	WWH	155-156	166-167

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MAUMEE RIVER (CONTINUED)							
Ottawa River above Lima (Thayer Rd)	45.4 (A-4)	500270	NWDO	OEPA (LF)	WWH	157-158	168-169
Ottawa River at Allentown (SR 81)	28.4 (A-4)	500050 (04187500)	NWDO	OEPA (M)	WWH	159-160	170-171
Ottawa River near Kalida (CR 19)	0.7 (A-4)	500150	NWDO	OEPA (LF)	WWH	161-162	172-173
St. Joseph River below Edgerton (SR 49)	8.9 (A-9)	510180	NWDO	OEPA (LF)	WWH	163-164	174-175
St. Marys River at St. Marys (Aqueduct Rd)	47.2 (A-1)	510010	NWDO	OEPA (Q)	WWH	165-166	176-177
St. Marys River at St. Marys (Glynwood Rd)	43.0 (A-1)	510020	NWDO	OEPA (Q)	WWH	167-168	178-179
St. Marys River near Willshire (SR 81)	1.3 (A-1)	510170	NWDO	OEPA (LF)	WWH	169-170	180-181
Tiffin River at Defiance (W. High St)	0.8 (A-8)	500160	NWDO	OEPA (LF)	WWH	171-172	182-183
MILL CREEK							
Mill Creek near Hamilton (Tylersville Rd)	24.5 (J)	600440	SWDO	OEPA (M)	WWH	173-174	184-185
Mill Creek at Carthage (Anthony Wayne Avenue)	11.0 (J)	600410 (03259000)	SWDO	OEPA (M)	WWH	175-176	186-187
Mill Creek at Cincinnati (Gest Rd)	0.5 (J)	600430	SWDO	OEPA (M)	WWH	177-178	188-189

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MUSKINGUM RIVER							
Muskingum River below Coshocton (SR 83)	107.3	611740 (03140500)	SEDO	NAWQMN (M)	WWH	179-180	190-192
Muskingum River at Dresden (SR 208)	91.3	611750 (03144500)	SEDO	OEPA (M)	WWH	181-182	193-195
Muskingum River at McConnelsville (SR 37)	48.2	601860 (03150000)	SEDO	NAWQMN, NASQAN (M)	WWH	183-185	196-199
Chippewa Creek at Easton (USGS gage at SR 585)	6.8	611810 (03116200)	NEDO	OEPA (LF)	WWH	186-187	200-201
Hurford Run at Canton (Church St)	0.2	611850	NEDO	OEPA (Q)	WWH	188-189	202-203
Jerome Fork near Ashland (Rt 42)	13.0	611860	NWDO	OEPA (Q)	WWH	191	205
Jerome Fork near Ashland (CR 1032)	10.5	611870	NWDO	OEPA (Q)	WWH	190	204
Killbuck Creek near Wooster (Willow Rd)	44.8	601880	NEDO	OEPA (LF)	WWH	192-193	206-208
Kokosing River near Mt. Vernon (SR 661)	23.6 (P-12)	611880	NWDO	OEPA (Q)	WWH	194-195	209-210
Kokosing River near Mt. Vernon (Twp Rd 257)	21.6 (P-12)	611890	NWDO	OEPA (Q)	WWH	196-197	211-212
Licking River below Newark (Stadden Bridge)	25.6 (P-13)	601770 (031416500)	CDO	NAWQMN (M)	WWH	198-199	213-215
Mohican River at Greer (Rt 514)	16.6	601870 (03136000)	SEDO	NAWQMN (M)	WWH	200-201	216-218

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MUSKINGUM RIVER (CONTINUED)							
Nimishillen Creek at North Industry (Cheyenne St)	8.2	601940 (03118500)	NEDO	NAWQMN (M)	WWH	202-203	219-221
Rocky Fork near Mansfield (SR 39)	12.5	611900	NWDO	OEPA (Q)	WWH	206-207	224-225
Rocky Fork near Mansfield (Illinois Ave)	10.1	611910	NWDO	OEPA (Q)	WWH	204-205	222-223
Sandy Creek at Waynesburg (USGS gage)	17.4	611800 (03117500)	NEDO	OEPA (LF)	WWH	208-209	226-227
Tuscarawas River at Canal Fulton (Market St)	95.9	611830	NEDO	OEPA (LF)	WWH	210	228
Tuscarawas River at Massillon (Walnut St)	88.4	611840	NEDO	OEPA (Q)	WWH	211-212	229-230
Tuscarawas River near Massillon (Warmington St.)	85.3	601930 (03117000)	NEDO	NAWQMN (M)	WWH	213-214	231-233
Tuscarawas River at Newcomerstown (SR 83)	21.3	611790 (031129000)	SEDO	NAWQMN (M)	WWH	215-216	234-235
Walhounding River at Nellie (U.S. 36)	14.7	601901 (03138500)	SEDO	NAWQMN (M)	WWH	217-218	236-238
Wills Creek at Cambridge (Twp Rd 452)	54.9	611760	SEDO	OEPA (LF)	WWH	219-220	239-241
Wills Creek below Dam (Twp Rd 274)	6.2	611770 (03143500)	SEDO	OEPA (LF)	WWH	221-222	242-244
Wolf Creek at Barberton (Snyder Ave)	0.2	611820	NEDO	OEPA (Q)	WWH	223-224	245-246

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OHIO BRUSH CREEK							
Ohio Brush Creek near West Union (SR 348)	13.1 (L-2)	600660 (03237500)	SEDO	NAWQMN (M)	EWH	225-226	247-248
PORTAGE RIVER							
Portage River at Woodville (U.S. 20)	28.2 (B-2)	500510 (04195500)	NWDO	NAWQMN, IJC (M)	WWH	227-228	249-250
North Branch Portage River at Pemberville (N. River Rd)	0.1 (B-1)	500520	NWDO	OEPA (LF)	WWH	229-230	251-252
RACCOON CREEK							
Raccoon Creek at Adamsville (U.S. Rt 35)	29.6 (N-2)	601400 (03202000)	SEDO	NAWQMN (M)	WWH	231-232	253-254
ROCKY RIVER							
Rocky River near Berea (Cedar Pt Rd)	12.0 (D-5)	501800 (04201500)	NEDO	NAWQMN, IJC (M)	WWH	235-236	257-259
West Branch Rocky River near Medina (Fenn Rd)	28.0 (D-5)	501820	NEDO	OEPA (Q)	WWH	233-234	255-256
Abrams Creek near Berea (Cedar Point Rd)	0.9 (D-5)	501830	NEDO	OEPA (LF)	WWH	237	260
SANDUSKY RIVER							
Sandusky River below Upper Sandusky (CR 121)	78.7 (C-2)	500860	NWDO	OEPA (LF)	WWH	238-239	261-262
Sandusky River below Mexico (Scott Bridge Rd)	48.0 (C-2)	500830	NWDO	OEPA (LF)	WWH	240-241	263-264

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SANDUSKY RIVER (CONTINUED)							
Sandusky River above Fremont (Rice Rd)	20.3 (C-4)	500820 (04198000)	NWDO	NAWQMN, NASQAN IJC (M)	WWH	242-243	265-266
Sandusky River at Fremont (Twp Rd 549)	13.0 (C-4)	500890	NWDO	OEPA (Q)	WWH	244-245	267-268
SCIOTO RIVER							
Scioto River near Kenton (CR 175)	206.8	610760	NWDO	OEPA (Q)	WWH	246	269
Scioto River near Kenton (CR 106)	201.0	610770	NWDO	OEPA (Q)	WWH	247	270
Scioto River near Circleville (Florence Chapel Rd)	101.8	601340	CDO	NAWQMN (M)	WWH	248-249	271-272
Scioto River near Richmondale (Higby Rd)	56.0	600770 (03234500)	SEDO	NAWQMN, NASQAN (M)	WWH	250-251	273-275
Big Darby Creek below Plain City (Cemetary Pike Rd)	50.3	600790	CDO	OEPA (LF)	EWH		
Big Darby Creek at Darbyville (SR 316)	13.2	601300 (03230500)	CDO	NAWQMN (M)	EWH	252-253	276-278
Little Scioto River near Marion (SR 309)	8.9	610750	NWDO	OEPA (Q)	WWH	255	280
Little Scioto River near Marion (SR 739)	2.6	610740	NWDO	OEPA (Q)	WWH	254	279
Mill Creek below Marysville (Radnor Rd)	17.2 (M-5)	601350	CDO	OEPA (M)	WWH	256-257	281-282

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SCIOTO RIVER (CONTINUED)							
Olentangy River near Worthington (I-270)	11.5 (M-3)	601290 (03226800)	CDO	NAWQMN (M)	WWH	258-259	283-285
Paint Creek below Washington C.H. (SR 35)	64.3	600740	CDO	OEPA (LF)	WWH	260	286
Paint Creek near Bournesville (Jones-Levee Rd)	22.1	601320 (03234000)	SEDO	OEPA (M)	EWH	261-262	287-289
Rocky Fork of Paint Creek near Barrett's Mills (Browning Rd)	2.8 (M-14)	610800 (03232500)	SEDO	OEPA (Q)	EWH	263-264	290-291
Walnut Creek below Baltimore (Leonard Rd)	36.6	600750	CDO	OEPA (LF)	WWH	265	292
Whetstone Creek near Mt. Gilead (SR 61)	21.5	610780	NWDO	OEPA (Q)	WWH	266	293
Whetstone Creek near Mt. Gilead (Cardington Rd)	19.9	610790	NWDO	OEPA (Q)	WWH	267	294
VERMILION RIVER							
Vermilion River at Vermilion (N. Ridge Rd)	4.5 (D-3)	501260 (04199500)	NWDO	NAWQMN, IJC (M)	EWH	268-269	295-296
WABASH RIVER							
Wabash River near New Corydon, Ind (State Line)	465.6 (G)	610000	NWDO	OEPA (LF)	WWH	270-271	297-298

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STATION DESCRIPTION	RM (MAP)	STATION #	DISTRICT	PURPOSE	USE DESIGNATION	TABLES RD 1-	PAGES RD 1-
WABASH RIVER (CONTINUED)							
Beaver Creek at Celina - (SR 703)	10.7 (G)	605010	NWDO	OEPA (Q)	WWH	272-273	299-300
Beaver Creek at Celina-Meyer Rd.	9.6 (G)	605020	NWDO	OEPQ (Q)	WWH	274-275	301-302
MINOR OHIO TRIBUTARIES							
Bullskin Creek near Cedron (Cedron Rd)	3.1 (K-6)	609100	SWDO	OEPA (LF)	WWH	276	303
Captina Creek near Powhatan Point (SR 148)	3.2 (S-4)	609210	SEDO	OEPA (LF)	WWH	277	304
Cross Creek near Mingo Junction (Twp Rd 167)	1.7 (S-2)	609250	SEDO	OEPA (LF)	WWH	278	305
Duck Creek near Marietta (SR 26)	1.8 (R-1,2)	609180	SEDO	OEPA (LF)	WWH	279	306
Eagle Creek near Ripley (CR 49)	3.7 (L-3)	609120	SEDO	OEPA (LF)	EWH	280	307
Indian Guyan Creek near Bradrick (SR 243)	2.5 (N-5)	609150	SEDO	OEPA (LF)	WWH	281-282	308-309
Leading Creek near Middleport (SR 7)	1.4 (O-4)	609160	SEDO	OEPA (LF)	WWH	283	310
Little Muskingum River near Reno (CR 9)	2.3 (R-2)	609190	SEDO	OEPA (LF)	WWH	284	311

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STATION DESCRIPTION	RM (MAP)	STATION #	DISTRICT	PURPOSE	USE DESIGNATION	TABLES RD 1-	PAGES RD 1-
Little Scioto River near Sciotoville (Twp Rd 248)	2.1 (N-4)	609130	SEDO	OEPA (LF)	EWH	285	312
McMahon Creek near Bellaire (SR 147)	1.3 (S-4)	609220	SEDO	OEPA (LF)	WWH	286-287	313-314
Pine Creek near Garden City (SR 52)	4.1 (N-4)	609140	SEDO	OEPA (LF)	WWH	288	315
Shade River near Keno (Twp Rd 114)	5.9 (O-4)	609170	SEDO	OEPA (LF)	EWH	289	316
Short Creek near Rayland (SR 150)	3.9 (S-3)	609240	SEDO	OEPA (LF)	WWH	290	317
Sunfish Creek near Cameron (SR 78)	6.8 (S-4)	609200	SEDO	OEPA (LF)	WWH	291-292	318-319
Symmes Creek near Chesapeake (SR 7)	0.4 (N-3)	609270	SEDO	OEPA (LF)		293	320
Ten Mile Creek near New Palestine (SR 749)	1.1	609050	SWDO	OEPA (LF)	WWH	294	321
Wheeling Creek near Bridgeport (CR 24)	1.5	609230	SEDO	OEPA (LF)	WWH	295-296	322-323
White Oak Creek below Georgetown (Rt. 221)	5.7 (L-1)	609110	SEDO	OEPA (LF)	WWH	297	324
Yellow Creek near Hammondsville (SR 213)	2.5 (S-2)	609260	SEDO	OEPA (LF)	WWH	298	325

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STATION DESCRIPTION	RM (MAP)	STATION #	DISTRICT	PURPOSE	USE DESIGNATION	TABLES RD 1-	PAGES RD 1-
LAKE ERIE							
Ashtabula Water Intake	- -	504160	NEDO	IJC (M)	EWH (LE), PWS	299-300	326-327
Conneaut Water Intake	- -	504170	NEDO	OEPA (M)	EWH (LE), PWS	301-302	328-329
Cleveland Crown Water Intake	- -	504090	NEDO	IJC (M)	EWH (LE), PWS	4, 303	8, 330
Mentor Water Intake	- -	504130	NEDO	NAWQMN, IJC (M)	EWH (LE), PWS	304-305	331-332
Oregon Water Intake	- -	504240	NWDO	NAWQMN, IJC (M)	EWH (LE), PWS	306-307	333-334
Sandusky Water Intake	- -	504030	NWDO	IJC (M)	EWH (LE), PWS	308-309	335-336

Lowest detectable limits for parameters routinely monitored by the Ohio Department of Health Laboratories.

VALUE	PARAMETER	UNIT	OLD VALUE (2/77)		NEW
WATER	TEMP	CENT			
STREAM	FLOW	CFS			
TURB	JKSN	JTU	1.		(7/79)
CNDUCTVY	FIELD	MICROMHO			
CNDUCTVY	AT 25C	MICROMHO	1.		(3/80)
DO		MG/L	/.		
BOD	5 DAY	MG/L	1.		
COD	LOWLEVEL	MG/L			
PH		SU			
LAB	PH	SU			
T ALK	CACO3	MG/L	1.		(2/80)
T ACDITY	CACO3	MG/L	1.		(2/80)
RESIDUE	TOTAL	MG/L	10.		(10/80)
RESIDUE	DISS-105	C MG/L	10.		(10/80)
RESIDUE	TOT NFLT	MG/L	10.		
NH3+NH4-	N TOTAL	MG/L	0.05		
NO2-N	TOTAL	MG/L	0.05		(2/79)
NO3-N	TOTAL	MG/L	0.05		
TOT KJEL	N	MG/L	0.05		
PHOS-TOT		MG/L P	0.05	(10/79)	(1/80)
PHOS-DIS		MG/L P	0.05	(10/79)	(1/80)
T ORG C	C	MG/L	1.		
TOT HARD	CACO3	MG/L	2.		
CALCIUM	CA-TOT	MG/L	2.		
MGNSIUM	MG,TOT	MG/L	2.		
SODIUM	NA,TOT	MG/L	5.		
PTSSIUM	K,TOT	MG/L	1.		
CHLORIDE	CL	MG/L	5.		
SULFATE	SO4-TOT	MG/L	10.		
FLUORIDE	F,DISS	MG/L	0.02		(8/78)
SILICA	DISOLVED	MG/L			(7/79)
ARSENIC	AS,TOT	UG/L	10.		
BARIUM	BA,TOT	UG/L	200.		
CADMIUM	CD,TOT	UG/L	5.		
CHROMIUM	HEX-VAL	UG/L	30.		
CHROMIUM	CR,TOT	UG/L	30.		
COPPER	CU,TOT	UG/L	30.		
IRON	FE,TOT	UG/L	30.		
LEAD	PB,TOT	UG/L	5.		
MANGNESE	MN	UG/L	30.		
SILVER	AG,TOT	UG/L	30.		
ZINC	ZN,TOT	UG/L	30.		
SELENIUM	SE,TOT	UG/L	5.		
FEC COLI	MFM-FCBR	/100ML	1.		
FECSTREP	MF M-ENT	/100ML	1.		
PHENOLS	TOTAL	UG/L	2.		
MBAS		MG/L	0.05		
PCBS	WHL SMPL	UG/L			
MERCURY	HG,TOTAL	UR/L	0.5		
CYANIDE	CN	MG/L	0.01		
OIL	GREASE,TOT	MG/L	5.0		

TABLE RD 1-1

STATION NUMBER 502760
41 51 20.0 080 45 44.0 2
ASHTABULA R AT ASHTABULA
LAKE ERIE (ASHTABULA RIVER)
MILES 0005.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	16	9.84375	8.61533	23.0000	.000000	77/03	78/06
STREAM	FLOW	CFS	14	315.272	472.307	1460.00	1.81000	77/01	78/06
TURB	JKSN	JTU	4	2.10000	.930950	3.40000	1.20000	77/03	77/10
CNDUCTVY	FIELD	MICROMHO	9	119.778	64.2589	223.000	20.0000	77/09	78/05
CNDUCTVY	AT 25C	MICROMHO	5	323.000	95.2287	433.000	210.000	77/05	78/06
DO		MG/L	16	10.6437	3.83110	17.3000	5.00000	77/03	78/06
BOD	5 DAY	MG/L	11	1.16364	.269342	1.70000	1.00000	77/03	78/05
COD	LOWLEVEL	MG/L	15	15.9333	8.43857	40.0000	4.00000	77/03	78/06
PH		SU	16	6.95624	.359556	8.00000	6.50000	77/03	78/06
LAB	PH	SU	1	7.50000		7.50000	7.50000	77/05	77/05
T ALK	CACO3	MG/L	3	40.0000	13.2288	55.0000	30.0000	77/04	77/10
T ACDITY	CACO3	MG/L	3	2.00000	1.73205	4.00000	1.00000	77/04	77/10
RESIDUE	TOTAL	MG/L	8	193.625	44.0452	260.000	134.000	77/03	77/10
RESIDUE	DISS-105	C MG/L	16	153.750	57.5424	315.000	86.0000	77/03	78/06
RESIDUE	TOT NFLT	MG/L	16	16.1250	21.6175	97.0000	10.0000	77/03	78/06
NH3+NH4-	N TOTAL	MG/L	16	.112500	.074342	.340000	.050000	77/03	78/06
NO2-N	TOTAL	MG/L	14	.010000	.000007	.010000	.010000	77/03	78/06
NO3-N	TOTAL	MG/L	13	.464615	.521546	1.92000	.050000	77/03	78/06
TOT KJEL	N	MG/L	13	.392307	.225320	1.00000	.100000	77/03	78/06
PHOS-TOT		MG/L P	14	.180714	.206042	.680000	.050000	77/03	78/06
PHOS-DIS		MG/L P	11	.130909	.172363	.620000	.050000	77/05	78/06
T ORG C	C	MG/L	10	9.40000	2.71621	13.0000	5.00000	77/03	78/04
TOT HARD	CACO3	MG/L	13	87.1538	27.9281	146.000	38.0000	77/03	78/06
CALCIUM	CA-TOT	MG/L	3	24.6667	5.50764	30.0000	19.0000	77/04	77/10
MGNSIUM	MG,TOT	MG/L	3	6.00000	2.00000	8.00000	4.00000	77/04	77/10
SODIUM	NA,TOT	MG/L	3	12.0000	3.46410	16.0000	10.0000	77/04	77/10
PTSSIUM	K,TOT	MG/L	3	2.60000	.781025	3.10000	1.70000	77/04	77/10
CHLORIDE	CL	MG/L	14	23.3571	9.82629	39.0000	11.0000	77/03	78/06
SULFATE	SO4-TOT	MG/L	2	24.0000	2.82843	26.0000	22.0000	77/04	77/10

TABLE RD 1-1 (Continued)

STATION NUMBER 502760
41 51 20.0 080 45 44.0 2
ASHTABULA R AT ASHTABULA
LAKE ERIE (ASHTABULA RIVER)
MILES 0005.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
FLUORIDE	F,DISS	MG/L	5	.150000	.063640	.230000	.080000	77/03	77/10
SILICA	DISOLVED	MG/L	6	3.71833	2.39443	7.00000	.750000	77/12	78/06
ARSENIC	AS,TOT	UG/L	10	10.0000	.000000	10.0000	10.0000	77/04	78/06
BARIUM	BA,TOT	UG/L	3	200.000	.000000	200.000	200.000	77/04	77/10
CADMIUM	CD,TOT	UG/L	10	5.00000	.000000	5.00000	5.00000	77/04	78/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/04	77/07
CHROMIUM	CR,TOT	UG/L	10	30.0000	.000000	30.0000	30.0000	77/04	78/06
COPPER	CU,TOT	UG/L	10	32.0000	6.32456	50.0000	30.0000	77/04	78/06
IRON	FE,TOT	UG/L	9	957.778	1173.30	4040.00	220.000	77/04	78/06
LEAD	PB,TOT	UG/L	11	9.63636	7.25635	28.0000	5.00000	77/04	78/06
MANGNESE	MN	UG/L	3	46.6667	15.2753	60.0000	30.0000	77/04	77/10
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/10	77/10
ZINC	ZN,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	77/04	78/03
SELENIUM	SE,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/04	77/10
FEC COLI	MFM-FCBR	/100ML	12	667.333	1903.04	6700.00	5.00000	77/03	78/06
FECSTREP	MF M-ENT	/100ML	12	1411.67	3029.09	8900.00	3.00000	77/03	78/06
PHENOLS	TOTAL	UG/L	17	4.05882	4.60259	18.0000	2.00000	77/03	78/06
MBAS		MG/L	15	.079333	.034324	.150000	.050000	77/03	78/06
PCBS	WHL SMPL	UG/L	1	2.50000		2.50000	2.50000	77/04	77/04
MERCURY	HG,TOTAL	UG/L	9	.500000	.000000	.500000	.500000	77/04	78/06

TABLE RD 1-2

STATION NUMBER 502760
41 51 20.0 080 45 44.0 2
ASHTABULA R AT ASHTABULA
LAKE ERIE (ASHTABULA RIVER)
MILES 0005.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	8.80000	8.61627	23.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	10	104.170	153.843	378.000	.000000	78/07	79/06
TURB	JKSN	JTU	8	17.8875	31.5917	93.0000	.800000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	11	233.636	141.458	570.000	110.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	200.000		200.000	200.000	79/03	79/03
DO		MG/L	11	10.7000	3.00000	14.2000	5.60000	78/07	79/06
BOD	5 DAY	MG/L	2	1.50000	.141426	1.60000	1.40000	78/07	78/10
COD	LOWLEVEL	MG/L	11	13.0636	8.18942	30.0000	4.00000	78/07	79/06
PH		SU	11	7.34545	.395902	8.00000	6.80000	78/07	79/06
T ALK	CACO3	MG/L	9	34.0000	7.72981	45.0000	24.0000	78/10	79/06
RESIDUE	DISS-105	C MG/L	9	216.889	79.5621	350.000	115.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	11	39.0909	54.8497	188.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	10	.061000	.020248	.110000	.050000	78/08	79/06
NO2-N	TOTAL	MG/L	10	.010000	.000007	.010000	.010000	78/08	79/06
NO3-N	TOTAL	MG/L	10	.380000	.298961	.890000	.050000	78/08	79/06
TOT KJEL	N	MG/L	11	.689090	.599424	2.00000	.080000	78/07	79/06
PHOS-TOT		MG/L P	10	.191999	.397094	1.32000	.050000	78/08	79/06
PHOS-DIS		MG/L P	9	.087778	.106040	.370000	.050000	78/08	79/05
T ORG C	C	MG/L	8	22.7125	28.0287	68.0000	5.00000	78/10	79/06
TOT HARD	CACO3	MG/L	10	124.800	49.5083	212.000	59.0000	78/07	79/06
CHLORIDE	CL	MG/L	11.	31.5454	18.4573	56.0000	6.00000	78/07	79/06
SULFATE	SO4-TOT	MG/L	9	69.3333	32.8330	128.000	25.0000	78/10	79/06
FLUORIDE	F,DISS	MG/L	1	3.84000		3.84000	3.84000	79/05	79/05
SILICA	DISOLVED	MG/L	10	3.99499	2.03637	6.85000	.480000	78/07	79/06
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	78/07	78/09
CADMIUM	CD,TOT	UG/L	7	5.00000	.000000	5.00000	5.00000	78/07	79/05
CHROMIUM	CR,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/07	79/05
COPPER	CU,TOT	UG/L	12	30.0000	.000000	30.0000	30.0000	78/07	79/06
IRON	FE,TOT	UG/L	7	1384.29	2435.75	6900.00	310.000	78/07	79/05
LEAD	PB,TOT	UG/L	12	33.4167	46.6914	150.000	5.00000	78/07	79/06
MANGNESE	MN	UG/L	1	30.0000		30.0000	30.0000	79/05	79/05
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/10	79/03
ZINC	ZN,TOT	UG/L	8	30.0000	.000000	30.0000	30.0000	78/10	79/06
FEC COLI	MFM-FCBR	/100ML	10	253.600	257.578	700.000	4.00000	78/08	79/06
FECSTREP	MF M-ENT	/100ML	10	413.700	471.904	1500.00	4.00000	78/08	79/06
PHENOLS	TOTAL	UG/L	11	5.63636	9.48971	34.0000	2.00000	78/07	79/06
MBAS		MG/L	2	.055000	.007071	.060000	.050000	78/07	78/08
MERCURY	HG,TOTAL	UG/L	7	.514286	.037799	.600000	.500000	78/07	79/05

TABLE RD 1-3

STATION NUMBER 502780
41 53 36.0 080 47 34.0 2
FIELDS BROOK IN ASHTABULA
LAKE ERIE (ASHTABULA RIVER)
MILES 0001.50 0000.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	19.2273	8.57721	31.0000	7.00000	77/01	77/10
TURB	JKSN	JTU	6	11.3833	4.72797	16.0000	3.60000	77/02	77/10
CNDUCTVY	FIELD	MICROMHO	4	2337.50	763.082	3350.00	1500.00	77/01	77/10
CNDUCTVY	AT 25C	MICROMHO	6	2332.33	1265.34	3500.00	190.000	77/05	77/08
DO		MG/L	10	8.47999	2.41697	13.7000	5.80000	77/02	77/10
BOD	5 DAY	MG/L	7	10.2143	11.0935	34.1000	2.20000	77/01	77/09
COD	LOWLEVEL	MG/L	11	12.5455	5.22233	20.0000	4.00000	77/01	77/10
PH		SU	12	6.93333	.641508	8.70000	6.10000	77/01	77/10
LAB	PH	SU	3	7.40000	.346502	7.60000	7.00000	77/03	77/09
T ALK	CACO3	MG/L	4	262.750	371.544	820.000	72.0000	77/04	77/10
T ACDITY	CACO3	MG/L	4	5.50000	4.43471	11.0000	1.00000	77/04	77/10
RESIDUE	TOTAL	MG/L	11	2008.91	395.828	2590.00	1430.00	77/01	77/10
RESIDUE	DISS-105	C MG/L	11	1906.00	388.396	2522.00	1310.00	77/01	77/10
RESIDUE	TOT NFLT	MG/L	11	23.8182	11.0256	43.0000	10.0000	77/01	77/10
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/02	77/02
NH3+NH4-	N TOTAL	MG/L	11	.413636	.286261	.990000	.050000	77/01	77/10
NO2-N	TOTAL	MG/L	6	.040000	.035214	.090000	.010000	77/01	77/07
NO3-N	TOTAL	MG/L	6	.923333	1.22627	3.41000	.210000	77/01	77/07
TOT KJEL	N	MG/L	6	1.05000	.308221	1.30000	.500000	77/01	77/07
PHOS-TOT		MG/L P	6	.081667	.041191	.150000	.050000	77/01	77/07
PHOS-DIS		MG/L P	2	.080000	.042427	.110000	.050000	77/06	77/07
T ORG C	C	MG/L	11	8.09091	3.70013	13.0000	3.00000	77/01	77/10
CYANIDE	CN-TOT	MG/L	4	.032500	.020616	.060000	.010000	77/01	77/06
TOT HARD	CACO3	MG/L	6	837.333	277.507	1272.00	578.000	77/03	77/10
CALCIUM	CA-TOT	MG/L	7	316.714	100.544	480.000	172.000	77/01	77/10
MGNSIUM	MG,TOT	MG/L	4	14.5000	1.73205	17.0000	13.0000	77/01	77/10
SODIUM	NA,TOT	MG/L	7	237.143	34.8112	276.000	190.000	77/01	77/10
PTSSIUM	K.TOT	MG/L	4	75.5000	97.2711	220.000	9.00000	77/01	77/10
CHLORIDE	CL	MG/L	12	713.333	310.209	1100.00	114.000	77/01	77/10
SULFATE	SO4-TOT	MG/L	4	385.250	503.387	1140.00	114.000	77/01	77/09
FLUORIDE	F,DISS	MG/L	5	.510000	.317411	1.01000	.190000	77/03	77/09
ARSENIC	AS,TOT	UG/L	5	10.4000	.894454	12.0000	10.0000	77/01	77/10
BARIUM	BA,TOT	UG/L	9	644.555	576.730	1800.00	1.00000	77/01	78/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/01	77/10

TABLE RD 1-3 (Continued)

STATION NUMBER 502780
41 53 36.0 080 47 34.0 2
FIELDS BROOK IN ASHTABULA
LAKE ERIE (ASHTABULA RIVER)
MILES 0001.50 0000.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
CHROMIUM	HEX-VAL	UG/L	3	30.0000	.000000	30.0000	30.0000	77/01	77/07
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/01	77/10
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/01	77/10
IRON	FE,TOT	UG/L	7	1205.71	1021.30	3050.00	100.000	77/01	77/10
LEAD	PB,TOT	UG/L	7	10.1429	5.14551	18.0000	5.00000	77/01	77/10
MANGNESE	MN	UG/L	8	1000.00	417.578	1650.00	530.000	77/01	78/06
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	77/01	77/01
ZINC	ZN,TOT	UG/L	5	72.0000	37.0135	130.000	30.0000	77/01	77/10
ALUMINUM	AL,TOT	UG/L	1	800.000		800.000	800.000	77/03	77/03
SELENIUM	SE,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	77/01	77/10
FEC COLI	MFM-FCBR	/100ML	9	136.889	155.336	390.000	2.00000	77/01	77/09
FECSTREP	MF M-ENT	/100ML	9	316.000	535.360	1500.00	2.00000	77/01	77/09
PHENOLS	TOTAL	UG/L	13	89.3846	98.0047	380.000	2.00000	77/01	78/06
MBAS		MG/L	13	.530769	.396851	1.42000	.260000	77/01	78/06
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	77/06	77/06
CHLORINE	TOT RESD	MG/L	1	2.50000		2.50000	2.50000	77/04	77/04
MERCURY	HG,TOTAL	UG/L	7	25.7428	65.8192	175.000	.500000	77/01	78/06

Table RD 1-4

STATION NUMBER 504090
41 31 08.0 081 52 46.0 2
CROWN WATER SUPPLY INTAKE
LAKE ERIE (CENTRAL BASIN CLEVELAND AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	6	8.63333	7.51124	19.0000	1.10000	78/11	79/06
TURB	JKSN	JTU	8	7.58750	9.09418	28.0000	1.60000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	5	244.400	11.1053	260.000	230.000	78/12	79/06
CNDUCTVY	AT 25C	MICROMHO	2	238.500	21.9203	254.000	223.000	78/11	79/01
DO		MG/L	7	11.2571	1.88757	13.0000	8.10000	78/11	79/06
PH		SU	8	7.77499	.212194	8.00000	7.30000	78/11	79/06
T ALK	CACO3	MG/L	8	92.2500	4.43203	100.000	84.0000	78/11	79/06
NH3+NH4-	N TOTAL	MG/L	8	.071250	.032705	.140000	.050000	78/11	79/06
NO2-N	TOTAL	MG/L	8	.010000	.000008	.010000	.010000	78/11	79/06
NO3-N	TOTAL	MG/L	8	.410000	.335176	1.11000	.150000	78/11	79/06
TOT KJEL	N	MG/L	8	.650000	.821149	2.60000	.100000	78/11	79/06
PHOS-TOT		MG/L P	8	.057500	.014881	.090000	.050000	78/11	79/06
PHOS-DIS		MG/L P	5	.056000	.013417	.080000	.050000	79/01	79/06
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	79/03	79/04
TOT HARD	CACO3	MG/L	4	126.250	7.58837	134.000	116.000	79/01	79/04
CHLORIDE	CL	MG/L	8	14.2500	7.04577	23.0000	6.00000	78/11	79/06
SULFATE	SO4-TOT	MG/L	8	20.7500	5.99404	30.0000	10.0000	78/11	79/06
FLUORIDE	F,DISS	MG/L	5	.192000	.063403	.270000	.130000	79/01	79/05
SILICA	DISOLVED	MG/L	8	.295000	.171047	.490000	.050000	78/11	79/06
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	79/01	79/04
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	79/01	79/04
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/04
COPPER	CU,TOT	UG/L	3	46.6667	20.8167	70.0000	30.0000	79/01	79/04
IRON	FE,TOT	UG/L	3	276.666	155.671	440.000	130.000	79/01	79/04
LEAD	PB,TOT	UG/L	3	16.3333	14.7422	33.0000	5.00000	79/01	79/04
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	79/01	79/04
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/04
ALUMINUM	AL,TOT	UG/L	3	200.000	.000000	200.000	200.000	79/01	79/04
SELENIUM	SE,TOT	UG/L	3	6.66667	2.88676	10.0000	5.00000	79/01	79/04
FEC COLI	MFM-FCBR	/100ML	4	6.87500	8.75000	20.0000	2.50000	79/03	79/06
FECSTREP	MF M-ENT	/100ML	4	8.25000	7.39932	18.0000	2.50000	79/03	79/06
PHENOLS	TOTAL	UG/L	3	2.00000	.000000	2.00000	2.00000	79/01	79/04
PCBS	WHL SMPL	UG/L	3	.500000	.000000	.500000	.500000	79/01	79/04
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	79/01	79/04

TABLE RD 1-5

STATION NUMBER 501520
41 22 50.0 082 06 17.0 2
BLACK R AT ELYRIA
LAKE ERIE (BLACK RIVER)
MILES 0015.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	17	11.2588	8.97114	24.5000	.000000	77/02	78/06
STREAM	FLOW	CFS	17	1433.82	2642.82	9225.00	22.0000	77/01	78/06
CNDUCTVY	FIELD	MICROMHO	12	408.833	274.135	1100.00	70.0000	77/03	78/05
CNDUCTVY	AT 25C	MICROMHO	1	722.000		722.000	722.000	78/06	78/06
DO		MG/L	17	9.97646	3.46312	14.8000	4.60000	77/02	78/06
BOD	5 DAY	MG/L	15	4.33333	3.07564	13.0000	1.30000	77/01	78/06
COD	LOWLEVEL	MG/L	16	26.9937	14.8544	72.0000	8.00000	77/02	78/06
PH		SU	10	7.47000	.447371	8.00000	6.90000	77/04	78/06
LAB	PH	SU	10	7.79599	.312283	8.20000	7.20000	77/01	78/06
RESIDUE	TOTAL	MG/L	2	434.000	98.9949	504.000	364.000	77/03	77/06
RESIDUE	DISS-105	C MG/L	17	409.588	208.255	831.000	141.000	77/01	78/06
RESIDUE	TOT NFLT	MG/L	17	90.6470	125.546	512.000	10.0000	77/01	78/06
NH3+NH4-	N TOTAL	MG/L	17	.820000	.937326	3.27000	.050000	77/01	78/06
NO2-N	TOTAL	MG/L	13	.126153	.136170	.480000	.030000	77/05	78/06
NO3-N	TOTAL	MG/L	17	1.81235	1.03325	3.90000	.640000	77/01	78/06
TOT KJEL	N	MG/L	17	2.04117	1.41557	5.30000	.900000	77/01	78/06
PHOS-TOT		MG/L P	17	.442941	.369184	1.47000	.050000	77/01	78/06
PHOS-DIS		MG/L P	14	.226428	.198673	.670000	.050000	77/03	78/06
T ORG C	C	MG/L	8	13.1625	6.85647	21.0000	3.00000	77/01	78/04
CYANIDE	CN-TOT	MG/L	10	.010000	.000007	.010000	.010000	77/01	78/06
TOT HARD	CACO3	MG/L	18	232.111	89.4186	420.000	72.0000	77/01	78/06
CHLORIDE	CL	MG/L	16	50.3125	38.9388	147.000	16.0000	77/01	78/06
FLUORIDE	F,DISS	MG/L	11	.425454	.298609	1.17000	.150000	77/01	77/11
SILICA	DISOLVED	MG/L	12	6.48749	1.84689	9.34000	4.38000	77/07	78/06
ARSENIC	AS,TOT	UG/L	11	10.0000	.000000	10.0000	10.0000	77/05	78/06
CADMIUM	CD,TOT	UG/L	12	5.00000	.000000	5.00000	5.00000	77/05	78/06
CHROMIUM	CR,TOT	UG/L	16	30.6250	2.50000	40.0000	30.0000	77/01	78/06
COPPER	CU,TOT	UG/L	18	37.2222	17.0831	100.000	30.0000	77/01	78/06
IRON	FE,TOT	UG/L	9	4158.89	5958.06	19200.0	400.000	77/02	78/06
LEAD	PB,TOT	UG/L	18	15.5556	12.0793	40.0000	5.00000	77/01	78/06
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/03	78/03
ZINC	ZN,TOT	UG/L	13	56.1538	42.7275	160.000	30.0000	77/01	78/05
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/02	77/02
FEC COLI	MFM-FCBR	/100ML	14	6047.14	6514.88	22000.0	860.000	77/03	78/06
FECSTREP	MF M-ENT	/100ML	14	5621.42	10200.1	40000.0	140.000	77/03	78/06
PHENOLS	TOTAL	UG/L	17	7.70588	5.50868	18.0000	2.00000	77/01	78/06
MBAS		MG/L	17	.139411	.060361	.260000	.000000	77/01	78/06
PCBS	WHL SMPL	UG/L	5	.500000	.000000	.500000	.500000	77/04	78/06
MERCURY	HG,TOTAL	UG/L	16	.500000	.000000	.500000	.500000	77/01	78/06

TABLE RD 1-6

STATION NUMBER 501520
41 22 50.0 082 06 17.0 2
BLACK R AT ELYRIA
LAKE ERIE (BLACK RIVER)
MILES 0015.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	11.2500	9.62360	23.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	11	135.364	200.894	689.000	17.0000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	12	582.500	228.468	900.000	250.000	78/07	79/06
DO		MG/L	12	9.84166	3.01345	14.6000	3.80000	78/07	79/06
BOD	5 DAY	MG/L	4	5.37500	2.79330	9.00000	2.60000	78/07	78/10
COD	LOWLEVEL	MG/L	12	22.7000	8.82245	36.0000	6.00000	78/07	79/06
PH		SU	10	7.80000	.447220	8.60000	7.20000	78/07	79/06
RESIDUE	DISS-105	C MG/L	10	533.300	174.278	913.000	312.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	28.0000	26.8294	90.0000	9.00000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	11	.467272	.374916	1.02000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	10	.111000	.075196	.210000	.010000	78/07	79/05
NO3-N	TOTAL	MG/L	12	1.92750	1.72497	5.95000	.100000	78/07	79/06
TOT KJEL	N	MG/L	12	1.93333	.869004	4.10000	.800000	78/07	79/06
PHOS-TOT		MG/L P	12	.579999	.387181	1.14000	.110000	78/07	79/06
PHOS-DIS		MG/L P	4	.445000	.073260	.550000	.390000	78/07	78/10
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	78/09	78/10
TOT HARD	CACO3	MG/L	8	307.875	118.666	550.000	158.000	78/07	79/04
CHLORIDE	CL	MG/L	4	77.0000	11.3431	93.0000	68.0000	78/08	79/02
SILICA	DISOLVED	MG/L	3	3.84667	1.18001	5.03000	2.67000	78/07	78/10
ARSENIC	AS,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	78/07	78/10
CADMIUM	CD,TOT	UG/L	7	5.28571	.755939	7.00000	5.00000	78/07	79/04
CHROMIUM	CR,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/07	79/04
COPPER	CU,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/07	79/04
IRON	FE,TOT	UG/L	7	935.714	553.139	1930.00	420.000	78/07	79/04
LEAD	PB,TOT	UG/L	7	26.0000	16.8325	56.0000	9.00000	78/07	79/04
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	79/01	79/04
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/04
FEC COLI	MFM-FCBR	/100ML	11	5009.09	2491.77	11000.0	1300.00	78/07	79/06
FECSTREP	MF M-ENT	/100ML	11	7147.27	7296.51	22000.0	220.000	78/07	79/06
PHENOLS	TOTAL	UG/L	7	8.28571	4.02965	14.0000	3.00000	78/07	79/04
MBAS		MG/L	5	.188000	.010954	.200000	.170000	78/07	79/02
PCBS	WHL SMPL	UG/L	3	.500000	.000000	.500000	.500000	78/07	78/09
MERCURY	HG,TOTAL	UG/L	7	.500000	.000000	.500000	.500000	78/07	79/04

TABLE RD 1-7

STATION NUMBER 501510
41 24 42.0 082 05 45.0 2
BLACK R. BELOW ELYRIA
LAKE ERIE (BLACK RIVER)
(RIVER MILE 10.4)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	17	11.3882	8.64638	24.0000	.000000	77/02	78/06
STREAM	FLOW	CFS	1	570.000		570.000	570.000	78/01	78/01
TURB	JKSN	JTU	1	9.50000		9.50000	9.50000	77/01	77/01
CNDUCTVY	FIELD	MICROMHO	15	527.866	337.117	1428.00	90.0000	77/02	78/05
CNDUCTVY	AT 25C	MICROMHO	1	880.000		880.000	880.000	78/06	78/06
DO		MG/L	17	9.35294	4.30496	15.2000	.500000	77/02	78/06
BOD	5 DAY	MG/L	10	6.98000	5.13480	17.0000	2.20000	77/01	78/06
COD	LOWLEVEL	MG/L	16	35.9312	14.8713	76.0000	20.0000	77/02	78/06
PH		SU	11	7.59090	.552206	8.90000	6.90000	77/03	78/03
LAB	PH	SU	10	7.68499	.228633	8.00000	7.30000	77/01	78/06
RESIDUE	TOTAL	MG/L	2	433.000	106.066	508.000	358.000	77/03	77/06
RESIDUE	DISS-105	C MG/L	16	457.937	250.939	958.000	136.000	77/01	78/06
RESIDUE	TOT NFLT	MG/L	17	121.235	194.820	681.000	10.0000	77/01	78/06
NH3+NH4-	N TOTAL	MG/L	18	2.66944	2.80126	10.1000	.050000	77/01	78/06
NO2-N	TOTAL	MG/L	12	.111666	.065897	.250000	.040000	77/06	78/06
NO3-N	TOTAL	MG/L	18	1.67333	.941222	3.90000	.610000	77/01	78/06
TOT KJEL	N	MG/L	18	4.41111	3.22434	10.9000	1.10000	77/01	78/06
PHOS-TOT		MG/L P	18	1.00166	.599543	2.55000	.150000	77/01	78/06
PHOS-DIS		MG/L P	5	.610000	.383145	1.11000	.220000	77/03	77/07
T ORG C	C	MG/L	9	15.3333	7.01784	28.0000	7.00000	77/01	77/10
CYANIDE	CN-TOT	MG/L	8	.013750	.007440	.030000	.010000	77/01	77/10
TOT HARD	CACO3	MG/L	17	233.353	73.9273	374.000	73.0000	77/01	78/06
CHLORIDE	CL	MG/L	9	90.1111	59.3874	223.000	26.0000	77/01	78/01
FLUORIDE	F,DISS	MG/L	12	.495000	.237698	.830000	.150000	77/01	78/01
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	77/01	78/03
CHROMIUM	CR,TOT	UG/L	6	33.3333	8.16500	50.0000	30.0000	77/01	78/03
COPPER	CU,TOT	UG/L	16	35.6250	19.9896	110.000	30.0000	77/01	78/06
IRON	FE,TOT	UG/L	7	1768.57	2234.65	5560.00	410.000	77/01	78/03
LEAD	PB,TOT	UG/L	17	13.7647	11.3827	42.0000	5.00000	77/01	78/06
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/03	78/03
ZINC	ZN,TOT	UG/L	9	41.2222	20.1481	80.0000	21.0000	77/01	78/03
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/02	77/02
FEC COLI	MFM-FCBR	/100ML	13	11411.2	22395.4	81000.0	9.00000	77/03	78/06
FECSTREP	MF M-ENT	/100ML	13	15712.1	29882.4	100000	21.0000	77/03	78/06
PHENOLS	TOTAL	UG/L	15	11.2667	7.46866	32.0000	2.00000	77/01	78/04
MBAS		MG/L	13	.436923	.245030	.800000	.090000	77/01	78/01
MERCURY	HG,TOTAL	UG/L	10	.720000	.695701	2.70000	.500000	77/01	78/03

TABLE RD 1-8

STATION NUMBER 501510
41 24 42.0 082 05 45.0 2
BLACK R. BELOW ELYRIA
LAKE ERIE (BLACK RIVER)
(RIVER MILE 10.4)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	11.5833	8.85960	23.0000	1.00000	78/07	79/06
TURB	JKSN	JTU	8	12.4125	10.5952	28.0000	2.20000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	11	779.091	273.769	1200.00	340.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	590.000		590.000	590.000	79/03	79/03
DO		MG/L	12	8.27500	3.66312	14.8000	3.50000	78/07	79/06
BOD	5 DAY	MG/L	2	110.900	107.622	187.000	34.8000	78/07	78/08
COD	LOWLEVEL	MG/L	12	43.8499	18.2840	78.0000	19.9000	78/07	79/06
PH		SU	12	7.54999	.278035	8.00000	7.10000	78/07	79/06
T ALK	CACO3	MG/L	8	145.875	47.1243	225.000	77.0000	78/11	79/06
RESIDUE	DISS-105	C MG/L	10	563.200	143.763	836.000	358.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	25.9167	26.3558	103.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	7.78166	6.22790	18.6000	.600000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.125000	.104142	.380000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.51333	1.59804	5.14000	.100000	78/07	79/06
TOT KJEL	N	MG/L	12	10.1183	6.83667	22.8000	2.22000	78/07	79/06
PHOS-TOT		MG/L P	11	1.52182	.952898	3.25000	.480000	78/07	79/06
PHOS-DIS		MG/L P	8	.684999	.495724	1.49000	.160000	78/11	79/06
T ORG C	C	MG/L	7	18.8143	8.93170	35.7000	10.3000	78/11	79/05
CYANIDE	CN-TOT	MG/L	6	.015000	.005477	.020000	.010000	79/01	79/06
TOT HARD	CACO3	MG/L	12	254.250	45.1948	322.000	165.000	78/07	79/06
CHLORIDE	CL	MG/L	8	83.6250	58.6148	173.000	13.0000	78/11	79/06
SULFATE	SO4-TOT	MG/L	8	169.625	52.6007	248.000	93.0000	78/11	79/06
FLUORIDE	F,DISS	MG/L	1	.550000		.550000	.550000	79/06	79/06
SILICA	DISOLVED	MG/L	7	14.6457	20.4014	60.6000	3.10000	78/11	79/06
CADMIUM	CD,TOT	UG/L	8	10.6250	7.00892	24.0000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	10	34.0000	9.66092	60.0000	30.0000	78/08	79/06
COPPER	CU,TOT	UG/L	11	36.3636	14.3337	70.0000	30.0000	78/07	79/06
IRON	FE,TOT	UG/L	6	866.666	639.990	1880.00	410.000	78/08	79/05
LEAD	PB,TOT	UG/L	9	26.8333	12.3845	56.0000	16.0000	78/07	79/05
NICKEL	NI,TOTAL	UG/L	5	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	10	76.0000	89.4675	310.000	30.0000	78/08	79/06
FEC COLI	MFM-FCBR	/100ML	10	19314.1	33503.3	110000	14.0000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	10	22829.1	45641.5	150000	45.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	11	11.6364	5.67931	19.0000	5.00000	78/07	79/06
MBAS		MG/L	1	1.10000		1.10000	1.10000	79/02	79/02
PCBS	WHL SMPL	UG/L	6	.500000	.000000	.500000	.500000	78/11	79/06
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-9

STATION NUMBER 501530
41 27 29.0 082 06 20.0 2
FRENCH CR NEAR LORAIN
LAKE ERIE (BLACK RIVER)
MILES 0005.30 0000.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	22.0000		22.0000	22.0000	78/07	78/07
CNDUCTVY	FIELD	MICROMHO	1	1000.00		1000.00	1000.00	78/07	78/07
DO		MG/L	1	8.50000		8.50000	8.50000	78/07	78/07
BOD	5 DAY	MG/L	1	1.50000		1.50000	1.50000	78/07	78/07
COD	LOWLEVEL	MG/L	1	30.0000		30.0000	30.0000	78/07	78/07
PH		SU	1	8.10000		8.10000	8.10000	78/07	78/07
RESIDUE	DISS-105	C MG/L	1	585.000		585.000	585.000	78/07	78/07
RESIDUE	TOT NFLT	MG/L	1	78.0000		78.0000	78.0000	78/07	78/07
NH3+NH4-	N TOTAL	MG/L	1	.290000		.290000	.290000	78/07	78/07
NO2-N	TOTAL	MG/L	1	.030000		.030000	.030000	78/07	78/07
NO3-N	TOTAL	MG/L	1	12.0000		12.0000	12.0000	78/07	78/07
TOT KJEL	N	MG/L	1	1.00000		1.00000	1.00000	78/07	78/07
PHOS-TOT		MG/L P	1	1.48000		1.48000	1.48000	78/07	78/07
TOT HARD	CACO3	MG/L	1	257.000		257.000	257.000	78/07	78/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
IRON	FE,TOT	UG/L	1	80.0000		80.0000	80.0000	78/07	78/07
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/07	78/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
FEC COLI	MFM-FCBR	/100ML	1	240.000		240.000	240.000	78/07	78/07
FECSTREP	MF M-ENT	/100ML	1	280.000		280.000	280.000	78/07	78/07
PHENOLS	TOTAL	UG/L	1	6.00000		6.00000	6.00000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/07	78/07

TABLE RD 1-10

STATION NUMBER 502400
41 37 51.0 081 24 13.0 2
CHAGRIN R AT WILLOUGHBY
LAKE ERIE (CHAGRIN RIVER)
MILES 0005.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	17	10.2294	8.90546	26.0000	.000000	77/02	78/06
STREAM	FLOW	CFS	16	744.125	781.931	2640.00	87.0000	77/02	78/06
TURB	JKSN	JTU	2	26.8500	32.7391	50.0000	3.70000	77/08	77/10
CNDUCTVY	FIELD	MICROMHO	11	284.545	131.253	550.000	50.0000	77/03	78/05
CNDUCTVY	AT 25C	MICROMHO	2	942.000	520.431	1310.00	574.000	77/06	78/06
DO		MG/L	16	10.9437	3.05571	15.4000	5.80000	77/02	78/06
BOD	5 DAY	MG/L	16	2.03750	1.24840	5.20000	1.00000	77/02	78/06
COD	LOWLEVEL	MG/L	15	14.7333	5.45720	24.0000	4.00000	77/02	78/05
PH		SU	9	7.11111	.231624	7.50000	6.70000	77/05	78/06
LAB	PH	SU	6	7.65166	.218303	7.90000	7.30000	77/02	78/05
T ALK	CACO3	MG/L	1	109.000		109.000	109.000	77/08	77/08
RESIDUE	TOTAL	MG/L	1	365.000		365.000	365.000	77/06	77/06
RESIDUE	DISS-105	C MG/L	16	318.375	115.321	574.000	156.000	77/02	78/06
RESIDUE	TOT NFLT	MG/L	16	76.5000	185.536	766.000	10.0000	77/02	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/11	77/11
NH3+NH4-	N TOTAL	MG/L	17	.191764	.217349	.910000	.050000	77/02	78/06
NO2-N	TOTAL	MG/L	14	.032143	.039454	.130000	.010000	77/02	78/06
NO3-N	TOTAL	MG/L	16	.630625	.486805	1.83000	.050000	77/02	78/06
TOT KJEL	N	MG/L	17	.729411	.706898	2.90000	.100000	77/02	78/06
PHOS-TOT		MG/L P	16	.582500	1.04602	3.88000	.050000	77/02	78/06
PHOS-DIS		MG/L P	11	.441818	.854679	2.20000	.050000	77/03	78/05
T ORG C	C	MG/L	6	7.66667	3.14113	14.0000	6.00000	77/02	77/10
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	77/08	77/08
TOT HARD	CACO3	MG/L	17	173.353	45.1567	265.000	93.0000	77/02	78/06
CALCIUM	CA-TOT	MG/L	1	52.0000		52.0000	52.0000	77/08	77/08
MGNSIUM	MG,TOT	MG/L	1	10.0000		10.0000	10.0000	77/08	77/08
SODIUM	NA,TOT	MG/L	1	17.0000		17.0000	17.0000	77/08	77/08
PTSSIUM	K,TOT	MG/L	1	3.00000		3.00000	3.00000	77/08	77/08
CHLORIDE	CL	MG/L	16	64.5000	46.7005	192.000	28.0000	77/02	78/06
SULFATE	SO4-TOT	MG/L	2	81.5000	50.2046	117.000	46.0000	77/08	77/10
FLUORIDE	F,DISS	MG/L	6	.220000	.114018	.440000	.120000	77/02	77/10
SILICA	DISOLVED	MG/L	9	6.88888	1.84475	8.93000	3.89000	77/07	78/06

TABLE RD 1-10 (Continued)

STATION NUMBER 502400
41 37 51.0 081 24 13.0 2
CHAGRIN R AT WILLOUGHBY
LAKE ERIE (CHAGRIN RIVER)
MILES 0005.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	12	10.0000	.000000	10.0000	10.0000	77/05	78/06
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	12	5.25000	.866025	8.00000	5.00000	77/05	78/06
CHROMIUM	CR,TOT	UG/L	13	30.0000	.000000	30.0000	30.0000	77/05	78/06
COPPER	CU,TOT	UG/L	15	30.0000	.000000	30.0000	30.0000	77/04	78/06
IRON	FE,TOT	UG/L	7	33968.6	86450.6	230000	250.000	77/06	78/06
LEAD	PB,TOT	UG/L	13	15.9231	15.2450	55.0000	5.00000	77/05	78/06
MANGNESE	MN	UG/L	2	100.000	28.2843	120.000	80.0000	77/06	77/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/03	78/03
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	10	31.0000	3.16228	40.0000	30.0000	77/02	78/03
SELENIUM	SE,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	77/06	77/08
FEC COLI	MFM-FCBR	/100ML	15	1044.00	900.989	3600.00	150.000	77/02	78/06
FECSTREP	MF M-ENT	/100ML	15	1369.67	1954.91	6700.00	35.0000	77/02	78/06
PHENOLS	TOTAL	UG/L	17	8.41176	18.8880	81.0000	2.00000	77/02	78/06
MBAS		MG/L	17	.093529	.060822	.310000	.050000	77/02	78/06
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	77/05	77/05
MERCURY	HG,TOTAL	UG/L	11	.500000	.000000	.500000	.500000	77/05	78/06

TABLE RD 1-11

STATION NUMBER 502400
41 37 51.0 081 24 13.0 2
CHAGRIN R AT WILLOUGHBY
LAKE ERIE (CHAGRIN RIVER)
MILES 0005.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	10.0000	8.62343	23.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	12	437.166	579.169	1694.00	60.0000	78/07	79/06
TURB	JKSN	JTU	8	4.92500	2.86993	9.00000	2.30000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	12	401.666	203.005	1000.00	220.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	2	1460.00	622.254	1900.00	1020.00	79/01	79/02
DO		MG/L	12	10.9417	2.72647	15.0000	7.70000	78/07	79/06
BOD	5 DAY	MG/L	4	1.45000	.420318	2.00000	1.00000	78/07	78/10
COD	LOWLEVEL	MG/L	12	13.6000	9.54873	32.0000	2.90000	78/07	79/06
PH		SU	12	7.83333	.234753	8.20000	7.50000	78/07	79/06
LAB	PH	SU	2	7.90000	.141436	8.00000	7.80000	79/01	79/02
T ALK	CACO3	MG/L	8	122.250	24.3824	162.000	83.0000	78/11	79/06
RESIDUE	DISS-105	C MG/L	11	406.182	254.946	1123.00	246.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	22.4167	26.8987	105.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.119166	.106554	.360000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.017500	.010553	.040000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	.663333	.390997	1.58000	.280000	78/07	79/06
TOT KJEL	N	MG/L	12	.572500	.343250	1.20000	.200000	78/07	79/06
PHOS-TOT		MG/L P	12	.208333	.261736	.960000	.050000	78/07	79/06
PHOS-DIS		MG/L P	11	.153636	.236105	.850000	.050000	78/07	79/06
T ORG C	C	MG/L	5	18.6800	21.1532	55.0000	5.00000	78/11	79/05
TOT HARD	CACO3	MG/L	9	180.667	30.8181	231.000	124.000	78/07	79/06
CHLORIDE	CL	MG/L	11	98.4545	144.584	496.000	13.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	8	64.0000	19.1311	89.0000	37.0000	78/11	79/06
FLUORIDE	F,DISS	MG/L	1	.240000		.240000	.240000	78/11	78/11
SILICA	DISOLVED	MG/L	12	5.01083	1.95622	7.52000	1.39000	78/07	79/06
ARSENIC	AS,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	78/07	78/10
CADMIUM	CD,TOT	UG/L	7	6.14286	3.02372	13.0000	5.00000	78/07	79/05
CHROMIUM	CR,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/07	79/05
COPPER	CU,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/07	79/05
IRON	FE,TOT	UG/L	7	2215.71	3025.30	7800.00	350.000	78/07	79/05
LEAD	PB,TOT	UG/L	6	30.1667	49.0935	130.000	5.00000	78/07	79/05
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	79/01	79/05
ZINC	ZN,TOT	UG/L	3	73.3333	51.3160	130.000	30.0000	79/01	79/05
FEC COLI	MFM-FCBR	/100ML	12	1161.67	1744.48	4600.00	70.0000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	12	2477.50	4633.01	14000.0	20.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	11	4.00000	4.49444	17.0000	2.00000	78/07	79/06
MBAS		MG/L	5	.102000	.055408	.180000	.050000	78/07	79/03
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	7	.500000	.000000	.500000	.500000	78/07	79/05

TABLE RD 1-12

STATION NUMBER 502870
41 55 37.0 080 36 15.0 2
CONNEAUT CRK. AT CONNEAUT
LAKE ERIE (CONNEAUT CREEK)
MILES 0006.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	15	10.5333	8.59707	23.0000	.000000	77/03	78/06
STREAM	FLOW	CFS	15	560.666	785.920	3000.00	22.0000	77/03	78/06
TURB	JKSN	JTU	5	4.81999	6.81484	17.0000	1.40000	77/03	77/10
CNDUCTVY	FIELD	MICROMHO	9	118.333	71.4143	280.000	45.0000	77/09	78/05
CNDUCTVY	AT 25C	MICROMHO	6	258.666	88.1860	353.000	125.000	77/04	78/06
DO		MG/L	15	11.0667	2.78611	15.4000	7.30000	77/03	78/06
BOD	5 DAY	MG/L	12	1.57500	1.07121	4.80000	1.00000	77/03	78/06
COD	LOWLEVEL	MG/L	15	14.3333	11.7331	44.0000	4.00000	77/03	78/06
PH		SU	14	7.06428	.423563	8.00000	6.50000	77/03	78/06
LAB	PH	SU	2	7.20000	.424255	7.50000	6.90000	77/05	77/07
T ALK	CACO3	MG/L	4	62.5000	12.1244	80.0000	53.0000	77/04	77/10
T ACDITY	CACO3	MG/L	3	2.66667	2.08167	5.00000	1.00000	77/04	77/10
RESIDUE	TOTAL	MG/L	8	243.250	169.196	650.000	142.000	77/03	77/10
RESIDUE	DISS-105	C MG/L	16	190.875	270.345	1192.00	56.0000	77/03	78/06
RESIDUE	TOT NFLT	MG/L	16	79.4375	161.151	533.000	10.0000	77/03	78/06
NH3+NH4-	N TOTAL	MG/L	16	.092500	.055678	.190000	.050000	77/03	78/06
NO2-N	TOTAL	MG/L	14	.015000	.013445	.060000	.010000	77/03	78/06
NO3-N	TOTAL	MG/L	13	.719230	.742512	2.14000	.050000	77/03	78/06
TOT KJEL	N	MG/L	15	.580000	.778460	3.30000	.200000	77/03	78/06
PHOS-TOT		MG/L P	15	.220666	.263722	.920000	.050000	77/03	78/06
PHOS-DIS		MG/L P	10	.174000	.177401	.610000	.050000	77/05	78/06
T ORG C	C	MG/L	8	8.00000	6.39196	23.0000	3.00000	77/03	77/10
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	77/12	77/12
TOT HARD	CACO3	MG/L	13	90.3077	29.0442	143.000	32.0000	77/03	78/06
CALCIUM	CA-TOT	MG/L	3	24.0000	4.00000	28.0000	20.0000	77/04	77/10
MGNSIUM	MG,TOT	MG/L	3	6.33333	.577399	7.00000	6.00000	77/04	77/10
SODIUM	NA,TOT	MG/L	3	5.36666	2.47051	8.00000	3.10000	77/04	77/10
PTSSIUM	K,TOT	MG/L	3	3.50000	3.05123	7.00000	1.40000	77/04	77/10
CHLORIDE	CL	MG/L	15	14.6000	7.90841	38.0000	6.00000	77/03	78/06
SULFATE	SO4-TOT	MG/L	4	31.7500	8.09835	41.0000	24.0000	77/04	77/10
FLUORIDE	F,DISS	MG/L	5	.128000	.043243	.180000	.080000	77/03	77/10
SILICA	DISOLVED	MG/L	7	4.15714	2.19331	6.99000	1.42000	77/12	78/06

TABLE RD 1-12 (Continued)

STATION NUMBER 502870
41 55 37.0 080 36 15.0 2
CONNEAUT CRK. AT CONNEAUT
LAKE ERIE (CONNEAUT CREEK)
MILES 0006.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	10	10.0000	.000000	10.0000	10.0000	77/04	78/06
BARIUM	BA,TOT	UG/L	3	200.000	.000000	200.000	200.000	77/04	77/10
CADMIUM	CD,TOT	UG/L	10	5.00000	.000000	5.00000	5.00000	77/04	78/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/04	77/07
CHROMIUM	CR,TOT	UG/L	10	30.0000	.000000	30.0000	30.0000	77/04	78/06
COPPER	CU,TOT	UG/L	10	31.0000	3.16228	40.0000	30.0000	77/04	78/06
IRON	FE,TOT	UG/L	11	3631.82	6691.63	19500.0	310.000	77/03	78/06
LEAD	PB,TOT	UG/L	12	11.0833	7.98246	27.0000	5.00000	77/03	78/06
MANGNESE	MN	UG/L	5	130.000	129.035	330.000	30.0000	77/03	77/10
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	77/04	77/04
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/07	77/10
ZINC	ZN,TOT	UG/L	4	45.0000	30.0000	90.0000	30.0000	77/04	78/03
ALUMINUM	AL,TOT	UG/L	2	550.000	494.975	900.000	200.000	77/03	77/04
SELENIUM	SE,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/03	77/10
FEC COLI	MFM-FCBR	/100ML	14	3242.00	11731.4	44000.0	23.0000	77/03	78/06
FECSTREP	MF M-ENT	/100ML	13	4123.69	13247.8	48000.0	12.0000	77/03	78/06
PHENOLS	TOTAL	UG/L	16	2.87500	2.27669	10.0000	2.00000	77/03	78/06
MBAS		MG/L	15	.063333	.016330	.110000	.050000	77/03	78/06
PCBS	WHL SMPL	UG/L	2	3.35000	4.03051	6.20000	.500000	77/04	77/04
MERCURY	HG,TOTAL	UG/L	10	.500000	.000000	.500000	.500000	77/04	78/06

TABLE RD 1-13

STATION NUMBER 502870
41 55 37.0 080 36 15.0 2
CONNEAUT CRK. AT CONNEAUT
LAKE ERIE (CONNEAUT CREEK)
MILES 0006.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	8.63636	8.30088	21.5000	.000000	78/07	79/06
STREAM	FLOW	CFS	8	107.750	116.184	297.000	20.0000	78/07	79/06
TURB	JKSN	JTU	8	13.0250	16.2135	48.0000	2.00000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	11	200.909	86.2792	365.000	105.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	200.000		200.000	200.000	79/03	79/03
DO		MG/L	11	11.1364	2.46954	14.0000	7.10000	78/07	79/06
BOD	5 DAY	MG/L	2	1.25000	.353553	1.50000	1.00000	78/07	78/10
COD	LOWLEVEL	MG/L	11	9.46364	5.06484	19.7000	2.00000	78/07	79/06
PH		SU	11	7.50908	.457121	8.20000	6.70000	78/07	79/06
T ALK	CACO3	MG/L	9	59.6667	25.0250	107.000	32.0000	78/10	79/06
RESIDUE	DISS-105	C MG/L	6	175.833	41.1557	226.000	124.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	10	36.7000	30.4158	88.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.065000	.031479	.160000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.010000	.000008	.010000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	.362500	.273832	.830000	.050000	78/07	79/06
TOT KJEL	N	MG/L	11	.577272	.690914	2.60000	.100000	78/07	79/06
PHOS-TOT		MG/L P	12	.135833	.227575	.850000	.050000	78/07	79/06
PHOS-DIS		MG/L P	11	.095454	.137722	.510000	.050000	78/07	79/06
T ORG C	C	MG/L	5	5.91999	2.83145	9.50000	2.40000	78/11	79/04
TOT HARD	CACO3	MG/L	8	119.000	43.1145	178.000	65.0000	78/07	79/05
CHLORIDE	CL	MG/L	12	17.4167	7.73963	26.0000	5.00000	78/07	79/06
SULFATE	SO4-TOT	MG/L	7	47.0000	16.5529	69.0000	23.0000	78/11	79/06
SILICA	DISOLVED	MG/L	11	3.79090	2.18023	7.40000	.800000	78/07	79/06
ARSENIC	AS,TOT	UG/L	3	13.3333	5.77352	20.0000	10.0000	78/07	78/09
CADMIUM	CD,TOT	UG/L	7	5.00000	.000000	5.00000	5.00000	78/07	79/05
CHROMIUM	CR,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/07	79/05
COPPER	CU,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/07	79/05
IRON	FE,TOT	UG/L	7	1130.00	1380.29	4200.00	260.000	78/07	79/05
LEAD	PB,TOT	UG/L	7	7.57143	2.63675	13.0000	5.00000	78/07	79/05
MANGNESE	MN	UG/L	1	30.0000		30.0000	30.0000	79/05	79/05
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/10	79/03
ZINC	ZN,TOT	UG/L	4	155.000	250.000	530.000	30.0000	78/10	79/05
FEC COLI	MFM-FCBR	/100ML	10	212.300	193.505	580.000	10.0000	78/08	79/06
FECSTREP	MF M-ENT	/100ML	10	774.900	1257.43	4000.00	20.0000	78/08	79/06
PHENOLS	TOTAL	UG/L	12	2.66667	1.37069	6.00000	2.00000	78/07	79/06
MBAS		MG/L	3	.056667	.011547	.070000	.050000	78/07	78/09
MERCURY	HG,TOTAL	UG/L	7	.500000	.000000	.500000	.500000	78/07	79/05

TABLE RD 1-14

STATION NUMBER 502020 (04208000)
41 23 43.0 081 37 48.0 2
CUYAHOGA R AT INDEPENDENCE OH
LAKE ERIE (CUYAHOGA RIVER)
MILES 13.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	18	11.5278	8.66954	26.5000	.500000	77/01	78/06
TURB	JKSN	JTU	12	31.0000	46.9042	150.000	2.00000	77/01	78/06
CNDUCTVY	AT 25C	MICROMHO	18	876.666	235.379	1290.00	480.000	77/01	78/06
DO		MG/L	18	9.44999	2.58623	13.3000	5.80000	77/01	78/06
COD	LOWLEVEL	MG/L	3	33.3333	15.2753	50.0000	20.0000	78/04	78/06
PH		SU	18	7.71666	.154261	8.00000	7.49999	77/01	78/06
T ALK	CACO3	MG/L	12	107.500	22.9921	137.000	66.0000	77/01	78/06
NH3+NH4-	N TOTAL	MG/L	9	.965556	.665810	2.30000	.270000	77/10	78/06
TOT KJEL	N	MG/L	14	2.20000	.775595	3.70000	1.30000	77/01	78/06
PHOS-TOT		MG/L P	18	.403889	.132982	.700001	.270000	77/01	78/06
PHOS-DIS		MG/L P	9	.175555	.099010	.300000	.030000	77/10	78/06
T ORG C	C	MG/L	8	10.4000	2.39822	15.0000	6.80000	77/01	78/06
TOT HARD	CACO3	MG/L	12	203.333	45.1933	260.000	110.000	77/01	78/06
CHLORIDE	CL	MG/L	12	126.750	54.6295	250.000	65.0000	77/01	78/06
SULFATE	SO4-TOT	MG/L	12	84.3333	18.7101	110.000	50.0000	77/01	78/06
FLUORIDE	F,DISS	MG/L	12	.233333	.077851	.300000	.100000	77/01	78/06
SILICA	DISOLVED	MG/L	12	7.18333	2.08974	11.0000	4.20000	77/01	78/06
ARSENIC	AS,TOT	UG/L	6	2.33333	1.03280	4.00000	1.00000	77/01	78/05
BARIUM	BA,TOT	UG/L	3	66.6667	57.7350	100.000	.000000	77/10	78/05
CADMIUM	CD,TOT	UG/L	6	.333333	.816497	2.00000	.000000	77/01	78/05
CHROMIUM	CR,TOT	UG/L	6	15.0000	5.47723	20.0000	10.0000	77/01	78/05
COPPER	CU,TOT	UG/L	6	11.6667	3.38626	18.0000	9.00000	77/01	78/05
IRON	FE,TOT	UG/L	6	1446.67	805.623	2800.00	690.000	77/01	78/05
LEAD	PB,TOT	UG/L	6	11.5000	6.09097	20.0000	4.00000	77/01	78/05
MANGNESE	MN	UG/L	6	160.000	26.0768	200.000	120.000	77/01	78/05
SILVER	AG,TOT	UG/L	3	.000000	.000000	.000000	.000000	77/10	78/05
ZINC	ZN,TOT	UG/L	6	31.6667	7.52781	40.0000	20.0000	77/01	78/05
SELENIUM	SE,TOT	UG/L	6	.000000	.000000	.000000	.000000	77/01	78/05
PCBS	WHL SMPL	UG/L	3	.000000	.000000	.000000	.000000	78/02	78/05
MERCURY	HG,TOTAL	UG/L	6	.333333	.258199	.500000	.000000	77/01	78/05

TABLE RD 1-15

STATION NUMBER 502020 (04208000)
41 23 43.0 081 37 48.0 2
CUYAHOGA R AT INDEPENDENCE OH
LAKE ERIE (CUYAHOGA RIVER)
MILES 13.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	13.2917	8.97587	25.0000	1.00000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	12	914.750	319.206	1480.00	370.000	78/07	79/06
DO		MG/L	12	8.96666	2.62448	12.6000	5.30000	78/07	79/06
COD	LOWLEVEL	MG/L	1	22.0000		22.0000	22.0000	78/07	78/07
PH		SU	12	7.57499	.200707	7.90000	7.30000	78/07	79/06
T ALK	CACO3	MG/L	12	115.667	29.8310	150.000	53.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.710000	.479849	1.50000	.180000	78/07	79/06
TOT KJEL	N	MG/L	12	1.90000	.874906	4.10000	1.10000	78/07	79/06
PHOS-TOT		MG/L P	12	.393333	.162500	.800001	.180000	78/07	79/06
PHOS-DIS		MG/L P	12	.245000	.210129	.760001	.020000	78/07	79/06
T ORG C	C	MG/L	8	7.50000	1.27615	9.30000	6.00000	78/08	79/06
TOT HARD	CACO3	MG/L	12	223.333	53.6544	310.000	120.000	78/07	79/06
CHLORIDE	CL	MG/L	12	148.167	70.2021	280.000	68.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	12	88.2500	23.5454	130.000	51.0000	78/07	79/06
FLUORIDE	F,DISS	MG/L	12	.291666	.099622	.500000	.100000	78/07	79/06
SILICA	DISOLVED	MG/L	12	7.71666	1.76681	10.0000	3.60000	78/07	79/06
ARSENIC	AS,TOT	UG/L	4	2.25000	.500000	3.00000	2.00000	78/07	79/04
BARIUM	BA,TOT	UG/L	4	50.0000	57.7350	100.000	.000000	78/07	79/04
CADMIUM	CD,TOT	UG/L	4	3.25000	4.03113	9.00000	.000000	78/07	79/04
CHROMIUM	CR,TOT	UG/L	4	12.5000	5.00001	20.0000	10.00000	78/07	79/04
COPPER	CU,TOT	UG/L	4	13.7500	8.22091	26.0000	8.99999	78/07	79/04
IRON	FE,TOT	UG/L	4	3085.00	4611.50	10000.0	660.000	78/07	79/04
LEAD	PB,TOT	UG/L	4	9.00000	10.7083	25.0000	3.00000	78/07	79/04
MANGNESE	MN	UG/L	4	170.000	64.8074	240.000	110.000	78/07	79/04
SILVER	AG,TOT	UG/L	4	1.25000	2.50000	5.00000	.000000	78/07	79/04
ZINC	ZN.TOT	UG/L	4	55.0000	31.0913	90.0000	20.0000	78/07	79/04
SELENIUM	SE,TOT	UG/L	4	.000000	.000000	.000000	.000000	78/07	79/04
PCBS	WHL SMPL	UG/L	3	.000000	.000000	.000000	.000000	78/08	79/02
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/07	79/04

TABLE RD 1-16

STATION NUMBER 502020
41 23 43.0 081 37 48.0 2
CUYAHOGA R AT INDEPENDENCE
LAKE ERIE (CUYAHOGA RIVER)
MILES 0013.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	10	15.2600	9.15256	27.0000	.200000	77/01	77/09
STREAM	FLOW	CFS	10	726.900	512.303	1910.00	308.000	77/01	77/09
TURB	JKSN	JTU	1	3.20000		3.20000	3.20000	77/09	77/09
CNDUCTVY	FIELD	MICROMHO	10	999.200	251.786	1320.00	606.000	77/01	77/09
DO		MG/L	10	7.66000	2.75446	11.9000	4.20000	77/01	77/09
BOD	5 DAY	MG/L	9	7.53333	2.60144	11.0000	4.00000	77/01	77/09
COD	LOWLEVEL	MG/L	9	19.1111	4.37168	28.0000	16.0000	77/01	77/09
PH		SU	10	7.83999	.353438	8.80000	7.50000	77/01	77/09
LAB	PH	SU	9	7.75555	.101713	7.90000	7.60000	77/01	77/08
RESIDUE	DISS-105	C MG/L	9	570.444	164.567	778.000	314.000	77/01	77/09
RESIDUE	TOT NFLT	MG/L	9	24.4444	14.2926	53.0000	10.0000	77/01	77/09
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/06	77/06
NH3+NH4-	N TOTAL	MG/L	10	1.14800	.904357	2.87000	.220000	77/01	77/09
NO2-N	TOTAL	MG/L	8	.257500	.140688	.530000	.080000	77/01	77/09
NO3-N	TOTAL	MG/L	9	2.09444	1.18904	4.61000	.780000	77/01	77/09
TOT KJEL	N	MG/L	9	1.94444	1.26205	4.10000	.900000	77/01	77/09
PHOS-TOT		MG/L P	10	.395000	.253564	.730000	.050000	77/01	77/09
PHOS-DIS		MG/L P	8	.295000	.195376	.550000	.050000	77/03	77/09
T ORG C	C	MG/L	7	13.1429	3.62531	16.0000	6.00000	77/01	77/09
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	77/02	77/03
TOT HARD	CACO3	MG/L	10	236.300	37.4020	298.000	168.000	77/01	77/09
CHLORIDE	CL	MG/L	8	181.250	56.8651	262.000	104.000	77/01	77/09
FLUORIDE	F,DISS	MG/L	7	.404286	.114580	.510000	.200000	77/01	77/09
SILICA	DISOLVED	MG/L	3	10.7533	1.57313	11.9000	8.96000	77/07	77/09
ARSENIC	AS,TOT	UG/L	6	10.0000	.000000	10.0000	10.0000	77/05	77/09
CADMIUM	CD,TOT	UG/L	6	5.00000	.000000	5.00000	5.00000	77/05	77/09
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	77/05	77/09
COPPER	CU,TOT	UG/L	10	30.0000	.000000	30.0000	30.0000	77/01	77/09
IRON	FE,TOT	UG/L	1	660.000		660.000	660.000	77/09	77/09
LEAD	PB,TOT	UG/L	8	9.75000	4.92080	18.0000	5.00000	77/01	77/09
ZINC	ZN,TOT	UG/L	9	33.3333	7.07117	50.0000	30.0000	77/01	77/09
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/02	77/02
FEC COLI	MFM-FCBR	/100ML	10	7840.00	7239.42	26000.0	2300.00	77/01	77/09
FECSTREP	MF M-ENT	/100ML	10	2426.00	4128.01	14000.0	340.000	77/01	77/09
PHENOLS	TOTAL	UG/L	10	16.0000	8.85689	31.0000	5.00000	77/01	77/09
MBAS		MG/L	10	.245000	.070751	.330000	.110000	77/01	77/09
PCBS	WHL SMPL	UG/L	2	.500000	.000000	.500000	.500000	77/06	77/07
MERCURY	HG,TOTAL	UG/L	7	.500000	.000000	.500000	.500000	77/03	77/09

TABLE RD 1-17

STATION NUMBER 502020
41 23 43.0 081 37 48.0 2
CUYAHOGA R AT INDEPENDENCE
LAKE ERIE (CUYAHOGA RIVER)
MILES 0013.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	10.2143	8.05635	21.5000	.500000	78/10	79/06
STREAM	FLOW	CFS	6	810.333	687.078	2080.00	288.000	78/11	79/06
TURB	JKSN	JTU	3	13.0000	7.81025	18.0000	4.00000	79/04	79/06
CNDUCTVY	FIELD	MICROMHO	5	656.800	252.194	1000.00	290.000	78/10	79/06
DO		MG/L	7	9.27142	3.16530	13.0000	5.50000	78/10	79/06
BOD	5 DAY	MG/L	1	9.00000		9.00000	9.00000	79/03	79/03
COD	LOWLEVEL	MG/L	5	21.6600	4.22830	27.5000	16.0000	78/11	79/06
PH		SU	7	7.55714	.161878	7.90000	7.40000	78/10	79/06
T ALK	CACO3	MG/L	3	97.3333	20.5267	120.000	80.0000	79/03	79/06
RESIDUE	DISS-105	C MG/L	5	496.400	119.720	640.000	320.000	78/11	79/06
RESIDUE	TOT NFLT	MG/L	6	35.3333	21.4445	62.0000	10.0000	78/11	79/06
NH3+NH4-	N TOTAL	MG/L	6	.920000	.369703	1.31000	.290000	78/10	79/06
NO2-N	TOTAL	MG/L	6	.211667	.153286	.370000	.010000	78/10	79/06
NO3-N	TOTAL	MG/L	6	1.69333	.946564	3.35000	.810000	78/10	79/06
TOT KJEL	N	MG/L	6	2.28333	.996827	3.60000	.900000	78/10	79/06
PHOS-TOT		MG/L P	6	.395000	.123410	.540000	.240000	78/10	79/06
PHOS-DIS		MG/L P	4	.230000	.169509	.480000	.120000	78/11	79/06
T ORG C	C	MG/L	3	24.8666	14.1938	41.0000	14.3000	79/03	79/06
CYANIDE	CN-TOT	MG/L	7	.012857	.007559	.030000	.010000	78/10	79/06
TOT HARD	CACO3	MG/L	7	212.857	38.3643	265.000	152.000	78/10	79/06
CHLORIDE	CL	MG/L	5	72.8000	47.1244	124.000	21.0000	79/01	79/06
SULFATE	SO4-TOT	MG/L	3	77.0000	6.92820	85.0000	73.0000	79/03	79/05
FLUORIDE	F,DISS	MG/L	6	.346666	.094376	.510000	.250000	78/11	79/06
SILICA	DISOLVED	MG/L	3	4.80000	1.49332	6.50000	3.70000	79/03	79/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	79/03	79/03
CADMIUM	CD,TOT	UG/L	6	6.50000	3.67423	14.0000	5.00000	78/10	79/06
CHROMIUM	CR,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	78/10	79/06
COPPER	CU,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	78/10	79/06
IRON	FE,TOT	UG/L	6	1713.33	926.039	3100.00	260.000	78/10	79/06
LEAD	PB,TOT	UG/L	6	18.3333	10.5198	35.0000	10.0000	78/10	79/06
MANGNESE	MN	UG/L	3	153.333	35.1194	190.000	120.000	79/03	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/11	79/06
ZINC	ZN,TOT	UG/L	6	36.6667	8.16505	50.0000	30.0000	78/10	79/06
ALUMINUM	AL,TOT	UG/L	1	600.000		600.000	600.000	79/03	79/03
SELENIUM	SE,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	79/03	79/06
FEC COLI	MFM-FCBR	/100ML	3	28433.3	27343.4	59000.0	6300.00	79/03	79/06
FECSTREP	MF M-ENT	/100ML	3	6533.33	2417.30	9100.00	4300.00	79/03	79/06
PHENOLS	TOTAL	UG/L	7	13.0000	7.04746	22.0000	2.00000	78/10	79/06
MBAS		MG/L	6	.145000	.056125	.230000	.070000	78/10	79/06
PCBS	WHL SMPL	UG/L	5	.500000	.000000	.500000	.500000	78/11	79/06
MERCURY	HG,TOTAL	UG/L	6	.500000	.000000	.500000	.500000	78/10	79/06

TABLE RD 1-18

STATION NUMBER 502130
41 26 52.0 081 41 06.0 2
CUYAHOGA R CLEVELAND-HARVARD AVE
LAKE ERIE (CUYAHOGA RIVER)
MILES 0007.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	8	17.6625	8.07960	26.6000	1.00000	77/01	77/09
CNDUCTVY	FIELD	MICROMHO	3	1006.67	115.039	1120.00	890.000	77/06	77/09
CNDUCTVY	AT 25C	MICROMHO	1	890.000		890.000	890.000	77/09	77/09
DO		MG/L	8	5.77499	3.12445	11.9000	1.70000	77/01	77/09
BOD	5 DAY	MG/L	9	12.5889	6.07216	23.0000	5.70000	77/01	77/09
COD	LOWLEVEL	MG/L	9	26.6667	8.48534	48.0000	20.0000	77/01	77/09
PH		SU	4	7.39999	.141760	7.60000	7.30000	77/04	77/08
LAB	PH	SU	9	7.62222	.178751	7.80000	7.30000	77/01	77/09
RESIDUE	DISS-105	C MG/L	9	565.333	128.625	742.000	380.000	77/01	77/09
RESIDUE	TOT NFLT	MG/L	9	47.6667	34.0991	123.000	16.0000	77/01	77/09
NH3+NH4-	N TOTAL	MG/L	10	3.26499	1.62822	6.89000	1.19000	77/01	77/09
NO2-N	TOTAL	MG/L	6	.270000	.171348	.550000	.120000	77/01	77/09
NO3-N	TOTAL	MG/L	9	1.54555	.782992	2.87000	.600000	77/01	77/09
TOT KJEL	N	MG/L	9	5.16666	2.30055	9.90000	3.30000	77/01	77/09
PHOS-TOT		MG/L P	10	.668000	.555773	1.72000	.110000	77/01	77/09
PHOS-DIS		MG/L P	4	.102500	.080571	.220000	.050000	77/04	77/07
T ORG C	C	MG/L	8	17.7500	5.31171	28.0000	12.0000	77/01	77/09
CYANIDE	CN-TOT	MG/L	9	.015556	.005270	.020000	.010000	77/01	77/09
TOT HARD	CACO3	MG/L	9	238.667	34.3295	298.000	192.000	77/01	77/09
SODIUM	NA,TOT	MG/L	1	163.000		163.000	163.000	77/01	77/01
CHLORIDE	CL	MG/L	7	172.429	60.7451	287.000	119.000	77/01	77/09
FLUORIDE	F,DISS	MG/L	9	.706666	.249149	1.03000	.350000	77/01	77/09
SILICA	DISOLVED	MG/L	1	9.90000		9.90000	9.90000	77/07	77/07
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	77/05	77/09
BARIUM	BA,TOT	UG/L	2	200.000	.000000	200.000	200.000	77/07	77/09
CADMIUM	CD,TOT	UG/L	4	5.75000	1.50000	8.00000	5.00000	77/05	77/09
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/05	77/09
COPPER	CU,TOT	UG/L	8	40.0000	19.2725	80.0000	30.0000	77/01	77/09
IRON	FE,TOT	UG/L	6	2295.00	1334.15	4800.00	1120.00	77/01	77/09
LEAD	PB,TOT	UG/L	10	30.3000	31.5280	114.000	7.00000	77/01	77/09
MANGNESE	MN	UG/L	2	180.000	42.4264	210.000	150.000	77/07	77/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	77/07	77/07
ZINC	ZN,TOT	UG/L	9	130.000	105.119	380.000	50.0000	77/01	77/09
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/02	77/02
FEC COLI	MFM-FCBR	/100ML	10	19239.0	29744.0	100000	150.000	77/01	77/09
FECSTREP	MF M-ENT	/100ML	10	3727.30	5133.76	14000.0	73.0000	77/01	77/09
PHENOLS	TOTAL	UG/L	10	122.500	322.515	1040.00	7.00000	77/01	77/09
MBAS		MG/L	9	.364444	.137124	.600000	.150000	77/01	77/09
MERCURY	HG,TOTAL	UG/L	7	.500000	.000000	.500000	.500000	77/01	77/08

TABLE RD 1-19

STATION NUMBER 502130
41 26 52.0 081 41 06.0 2
CUYAHOGA R CLEVELAND-HARVARD AVE
LAKE ERIE (CUYAHOGA RIVER)
MILES 0007.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	10.6571	7.54362	21.0000	1.00000	78/10	79/06
TURB	JKSN	JTU	2	10.6500	7.56605	16.0000	5.30000	79/04	79/05
CNDUCTVY	FIELD	MICROMHO	4	683.750	277.230	1000.00	350.000	78/10	79/05
DO		MG/L	7	9.00000	2.68515	12.2000	5.00000	78/10	79/06
BOD	5 DAY	MG/L	1	10.0000		10.0000	10.0000	79/03	79/03
COD	LOWLEVEL	MG/L	5	22.9200	6.93667	33.1000	16.9000	78/11	79/06
PH		SU	7	7.31428	.371676	7.70000	6.60000	78/10	79/06
T ALK	CACO3	MG/L	4	119.500	31.5119	153.000	87.0000	78/11	79/05
RESIDUE	DISS-105	C MG/L	6	511.833	92.4619	612.000	362.000	78/11	79/06
RESIDUE	TOT NFLT	MG/L	6	32.8333	17.3138	60.0000	10.0000	78/11	79/06
OIL-GRSE	TOT-SXLT	MG/L	1	1340.00		1340.00	1340.00	78/11	78/11
NH3+NH4-	N TOTAL	MG/L	7	2.14714	1.11934	4.24000	.660000	78/10	79/06
NO2-N	TOTAL	MG/L	7	.221428	.174684	.500000	.010000	78/10	79/06
NO3-N	TOTAL	MG/L	6	1.53500	.717239	2.53000	.900000	78/10	79/06
TOT KJEL	N	MG/L	7	3.59999	1.58431	5.40000	1.10000	78/10	79/06
PHOS-TOT		MG/L P	7	.462857	.299818	1.00000	.180000	78/10	79/06
PHOS-DIS		MG/L P	3	.126667	.030551	.160000	.100000	78/11	79/05
T ORG C	C	MG/L	4	15.2000	5.49606	19.1000	7.10000	78/11	79/05
CYANIDE	CN-TOT	MG/L	7	.021429	.030237	.090000	.010000	78/10	79/06
TOT HARD	CACO3	MG/L	7	217.571	33.9210	269.000	167.000	78/10	79/06
CHLORIDE	CL	MG/L	6	89.8333	56.4391	149.000	25.0000	78/11	79/06
SULFATE	SO4-TOT	MG/L	3	101.333	28.7289	134.000	80.0000	78/11	79/05
FLUORIDE	F,DISS	MG/L	5	.527999	.264046	.940000	.300000	78/11	79/05
SILICA	DISOLVED	MG/L	2	5.71000	1.45664	6.74000	4.68000	79/03	79/05
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	78/11	79/03
CADMIUM	CD,TOT	UG/L	7	5.42857	1.13390	8.00000	5.00000	78/10	79/06
CHROMIUM	CR,TOT	UG/L	7	32.8571	7.55936	50.0000	30.0000	78/10	79/06
COPPER	CU,TOT	UG/L	7	31.4286	3.77983	40.0000	30.0000	78/10	79/06
IRON	FE,TOT	UG/L	7	2482.86	1520.62	5600.00	910.000	78/10	79/06
LEAD	PB,TOT	UG/L	7	35.1428	42.3652	130.000	12.0000	78/10	79/06
MANGNESE	MN	UG/L	3	170.000	40.0000	210.000	130.000	78/11	79/04
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	79/03	79/05
ZINC	ZN,TOT	UG/L	7	174.286	213.452	600.000	50.0000	78/10	79/06
ALUMINUM	AL,TOT	UG/L	2	500.000	141.421	600.000	400.000	78/11	79/03
SELENIUM	SE,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/11	79/04
FEC COLI	MFM-FCBR	/100ML	4	10825.0	8789.53	24000.0	6000.00	78/11	79/06
FECSTREP	MF M-ENT	/100ML	4	5025.00	2889.49	7800.00	1100.00	78/11	79/06
PHENOLS	TOTAL	UG/L	7	17.4286	15.0539	50.0000	6.00000	78/10	79/06
MBAS		MG/L	7	.242857	.130986	.500000	.090000	78/10	79/06
PCBS	WHL SMPL	UG/L	3	.500000	.000000	.500000	.500000	78/11	79/05
MERCURY	HG,TOTAL	UG/L	6	.500000	.000000	.500000	.500000	78/10	79/05

TABLE RD 1-20

STATION NUMBER 502140
41 29 17.0 081 41 07.0 2
CUYAHOGA R AT CLEVELAND-W THIRD
LAKE ERIE (CUYAHOGA RIVER)
MILES 0003.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	10	19.4900	9.11182	30.0000	5.30000	77/01	77/09
CNDUCTVY	FIELD	MICROMHO	8	1101.25	300.076	1632.00	774.000	77/01	77/09
DO		MG/L	10	4.17999	4.21051	10.3000	.200000	77/01	77/09
BOD	5 DAY	MG/L	9	5.96666	2.37961	9.90000	3.40000	77/01	77/09
COD	LOWLEVEL	MG/L	9	19.5555	5.45696	28.0000	12.0000	77/01	77/09
PH		SU	10	7.50999	.223352	7.80000	7.20000	77/01	77/09
LAB	PH	SU	8	7.61250	.112673	7.80000	7.50000	77/01	77/08
RESIDUE	DISS-105	C MG/L	9	562.555	154.518	864.000	368.000	77/01	77/09
RESIDUE	TOT NFLT	MG/L	9	18.5555	11.6524	45.0000	10.0000	77/01	77/09
NH3+NH4-	N TOTAL	MG/L	10	5.54799	3.15781	11.4000	2.25000	77/01	77/09
NO2-N	TOTAL	MG/L	5	.228000	.107098	.350000	.100000	77/01	77/09
NO3-N	TOTAL	MG/L	8	1.23125	.615502	1.98000	.050000	77/01	77/09
TOT KJEL	N	MG/L	8	7.66249	4.79493	15.4000	3.30000	77/01	77/09
PHOS-TOT		MG/L P	10	.372000	.454283	1.60000	.050000	77/01	77/09
PHOS-DIS		MG/L P	4	.110000	.100995	.260000	.050000	77/04	77/07
T ORG C	C	MG/L	8	13.7500	3.84522	18.0000	7.00000	77/01	77/09
CYANIDE	CN-TOT	MG/L	10	.096000	.051251	.220000	.040000	77/01	77/09
TOT HARD	CACO3	MG/L	8	252.750	61.9902	375.000	178.000	77/01	77/09
SODIUM	NA,TOT	MG/L	1	159.000		159.000	159.000	77/01	77/01
CHLORIDE	CL	MG/L	5	202.000	94.0027	353.000	116.000	77/01	77/09
FLUORIDE	F,DISS	MG/L	10	1.19500	.354505	1.65000	.580000	77/01	77/09
SILICA	DISOLVED	MG/L	1	.800000		.800000	.800000	77/07	77/07
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	77/07	77/09
BARIUM	BA,TOT	UG/L	2	200.000	.000000	200.000	200.000	77/07	77/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	77/09
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/06	77/07
COPPER	CU,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	77/01	77/09
IRON	FE,TOT	UG/L	7	1027.14	985.068	2830.00	30.0000	77/01	77/09
LEAD	PB,TOT	UG/L	9	12.0000	4.63681	20.0000	5.00000	77/01	77/09
MANGNESE	MN	UG/L	3	260.000	10.0000	270.000	250.000	77/07	77/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	77/07	77/07
ZINC	ZN,TOT	UG/L	8	126.250	61.8610	250.000	60.0000	77/01	77/09
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/02	77/02
FEC COLI	MFM-FCBR	/100ML	9	22195.6	22771.0	71000.0	1860.00	77/02	77/09
FECSTREP	MF M-ENT	/100ML	10	5401.00	5943.83	16000.0	290.000	77/01	77/09
PHENOLS	TOTAL	UG/L	10	63.8000	85.6567	282.000	12.0000	77/01	77/09
MBAS		MG/L	10	.408999	.185080	.700000	.090000	77/01	77/09
MERCURY	HG,TOTAL	UG/L	6	.500000	.000000	.500000	.500000	77/01	77/08

TABLE RD 1-21

STATION NUMBER 502140
41 29 17.0 081 41 07.0 2
CUYAHOGA R AT CLEVELAND-W THIRD
LAKE ERIE (CUYAHOGA RIVER)
MILES 0003.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	22.4000	10.7480	30.0000	14.8000	78/08	78/10
CNDUCTVY	FIELD	MICROMHO	2	999.500	317.492	1224.00	775.000	78/08	78/10
DO		MG/L	2	2.85000	3.74767	5.50000	.200000	78/08	78/10
COD	LOWLEVEL	MG/L	1	20.0000		20.0000	20.0000	78/08	78/08
PH		SU	2	6.90000	.141382	7.00000	6.80000	78/08	78/10
T ALK	CACO3	MG/L	1	140.000		140.000	140.000	78/10	78/10
RESIDUE	TOT NFLT	MG/L	1	11.0000		11.0000	11.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	2	4.74000	2.87085	6.77000	2.71000	78/08	78/10
NO2-N	TOTAL	MG/L	2	.395000	.162634	.510000	.280000	78/08	78/10
NO3-N	TOTAL	MG/L	2	2.05000	.127276	2.14000	1.96000	78/08	78/10
TOT KJEL	N	MG/L	2	5.55000	2.75772	7.50000	3.60000	78/08	78/10
PHOS-TOT		MG/L P	2	.250000	.141421	.350000	.150000	78/08	78/10
CYANIDE	CN-TOT	MG/L	1	.140000		.140000	.140000	78/10	78/10
TOT HARD	CACO3	MG/L	2	294.500	86.9741	356.000	233.000	78/08	78/10
CHLORIDE	CL	MG/L	1	128.000		128.000	128.000	78/10	78/10
FLUORIDE	F,DISS	MG/L	1	.920000		.920000	.920000	78/10	78/10
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	78/10	78/10
CADMIUM	CD,TOT	UG/L	2	7.50000	3.53553	10.0000	5.00000	78/08	78/10
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	78/10
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	78/10
IRON	FE,TOT	UG/L	2	1170.00	226.274	1330.00	1010.00	78/08	78/10
LEAD	PB,TOT	UG/L	2	31.5000	12.0208	40.0000	23.0000	78/08	78/10
MANGNESE	MN	UG/L	1	310.000		310.000	310.000	78/10	78/10
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/08	78/10
ZINC	ZN,TOT	UG/L	2	105.000	7.07107	110.000	100.000	78/08	78/10
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	78/10	78/10
PHENOLS	TOTAL	UG/L	2	9.50000	.707107	10.0000	9.00000	78/08	78/10
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/08	78/10

TABLE RD 1-22

STATION NUMBER 502160
41 08 07.0 081 32 51.0 2
CUYAHOGA R. AT OLD PORTAGE TRAIL
LAKE ERIE (CUYAHOGA RIVER)
(RIVER MILE 40.3)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	26.0000		26.0000	26.0000	78/08	78/08
STREAM	FLOW	CFS	1	142.000		142.000	142.000	78/08	78/08
DO		MG/L	1	6.90000		6.90000	6.90000	78/08	78/08
COD	LOWLEVEL	MG/L	1	12.0000		12.0000	12.0000	78/08	78/08
PH		SU	1	6.80000		6.80000	6.80000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.260000		.260000	.260000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.090000		.090000	.090000	78/08	78/08
NO3-N	TOTAL	MG/L	1	1.00000		1.00000	1.00000	78/08	78/08
TOT KJEL	N	MG/L	1	.800000		.800000	.800000	78/08	78/08
PHOS-TOT		MG/L P	1	.100000		.100000	.100000	78/08	78/08
TOT HARD	CACO3	MG/L	1	266.000		266.000	266.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	350.000		350.000	350.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	10.0000		10.0000	10.0000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	7.00000		7.00000	7.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-23

STATION NUMBER 502120
41 26 48.0 081 41 18.0 2
BIG CRK. AT CLEVELAND
LAKE ERIE (CUYAHOGA RIVER)
(RIVER MILE 0.3)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	8.16666	7.05290	15.1000	1.00000	77/09	78/04
CNDUCTVY	FIELD	MICROMHO	3	906.333	583.672	1498.00	331.000	77/09	78/04
DO		MG/L	3	9.86666	2.75928	13.0000	7.80000	77/09	78/04
BOD	5 DAY	MG/L	3	9.80000	7.43439	18.0000	3.50000	77/09	78/04
COD	LOWLEVEL	MG/L	3	37.3333	26.6333	68.0000	20.0000	77/09	78/04
PH		SU	1	7.20000		7.20000	7.20000	78/04	78/04
LAB	PH	SU	1	7.50000		7.50000	7.50000	78/02	78/02
RESIDUE	DISS-105	C MG/L	3	782.000	643.842	1500.00	256.000	77/09	78/04
RESIDUE	TOT NFLT	MG/L	3	189.000	310.037	547.000	10.0000	77/09	78/04
OIL-GRSE	TOT-SXLT	MG/L	1	6.00000		6.00000	6.00000	78/02	78/02
NH3+NH4-	N TOTAL	MG/L	3	1.15000	.649000	1.87000	.610000	77/09	78/04
NO2-N	TOTAL	MG/L	3	.180000	.113578	.310000	.100000	77/09	78/04
NO3-N	TOTAL	MG/L	3	1.000000	.186817	1.20000	.830000	77/09	78/04
TOT KJEL	N	MG/L	3	2.93333	.986578	3.60000	1.80000	77/09	78/04
PHOS-TOT		MG/L P	3	.909999	.633167	1.64000	.510000	77/09	78/04
T ORG C	C	MG/L	1	15.0000		15.0000	15.0000	77/09	77/09
TOT HARD	CACO3	MG/L	3	223.000	92.0815	300.000	121.000	77/09	78/04
CHLORIDE	CL	MG/L	3	285.666	338.595	675.000	60.0000	77/09	78/04
FLUORIDE	F,DISS	MG/L	2	1.91000	2.10718	3.40000	.420000	77/09	78/04
CADMIUM	CD,TOT	UG/L	3	6.66667	2.88676	10.0000	5.00000	77/09	78/04
CHROMIUM	CR,TOT	UG/L	2	40.0000	14.1421	50.0000	30.0000	78/02	78/04
COPPER	CU,TOT	UG/L	3	50.0000	26.4575	80.0000	30.0000	77/09	78/04
IRON	FE,TOT	UG/L	2	10285.0	10345.0	17600.0	2970.00	78/02	78/04
LEAD	PB,TOT	UG/L	3	40.3333	38.0832	84.0000	14.0000	77/09	78/04
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/02	78/04
ZINC	ZN,TOT	UG/L	3	293.333	243.379	510.000	30.0000	77/09	78/04
FEC COLI	MFM-FCBR	/100ML	3	72666.6	93297.0	180000	11000.0	77/09	78/04
FECSTREP	MF M-ENT	/100ML	3	48666.7	70691.8	130000	2000.00	77/09	78/04
PHENOLS	TOTAL	UG/L	3	14.6667	7.50556	22.0000	7.00000	77/09	78/04
MBAS		MG/L	3	.436666	.275380	.720000	.170000	77/09	78/04
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/09	78/04

TABLE RD 1-24

STATION NUMBER 502120
41 26 48.0 081 41 18.0 2
BIG CRK. AT CLEVELAND
LAKE ERIE (CUYAHOGA RIVER)
(RIVER MILE 0.3)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	8.33333	5.13161	14.0000	4.00000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	2	731.500	26.1725	750.000	713.000	78/11	79/06
DO		MG/L	3	10.5000	3.08062	13.8000	7.70000	78/11	79/06
BOD	5 DAY	MG/L	1	10.0000		10.0000	10.0000	79/03	79/03
COD	LOWLEVEL	MG/L	3	34.2000	15.5026	43.3000	16.3000	78/11	79/06
PH		SU	3	7.76666	.808344	8.50000	6.90000	78/11	79/06
LAB	PH	SU	1	8.50000		8.50000	8.50000	79/03	79/03
RESIDUE	DISS-105	C MG/L	2	875.000	380.423	1144.00	606.000	79/03	79/06
RESIDUE	TOT NFLT	MG/L	3	16.3333	5.68627	21.0000	10.0000	78/11	79/06
NH3+NH4-	N TOTAL	MG/L	3	2.27000	1.81083	4.36000	1.17000	78/11	79/06
NO2-N	TOTAL	MG/L	3	.176667	.057735	.210000	.110000	78/11	79/06
NO3-N	TOTAL	MG/L	3	.703333	.223683	.900000	.460000	78/11	79/06
TOT KJEL	N	MG/L	3	5.20000	1.44222	6.80000	4.00000	78/11	79/06
PHOS-TOT		MG/L P	3	.783333	.711501	1.52000	.100000	78/11	79/06
TOT HARD	CACO3	MG/L	3	253.667	47.5224	302.000	207.000	78/11	79/06
CHLORIDE	CL	MG/L	3	188.667	194.500	411.000	50.0000	78/11	79/06
FLUORIDE	F,DISS	MG/L	3	1.37667	.393235	1.82000	1.07000	78/11	79/06
CADMIUM	CD,TOT	UG/L	3	13.3333	9.23761	24.0000	8.00000	78/11	79/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/11	79/03
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/11	79/06
IRON	FE,TOT	UG/L	3	2066.67	1941.58	4300.00	780.000	78/11	79/06
LEAD	PB,TOT	UG/L	3	39.6667	4.50954	44.0000	35.0000	78/11	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/11	79/06
ZINC	ZN,TOT	UG/L	3	350.000	420.000	830.000	50.0000	78/11	79/06
FEC COLI	MFM-FCBR	/100ML	3	57666.7	11676.3	68000.0	45000.0	78/11	79/06
FECSTREP	MF M-ENT	/100ML	3	19433.3	9862.22	29000.0	9300.00	78/11	79/06
PHENOLS	TOTAL	UG/L	3	72.6667	100.201	188.000	7.00000	78/11	79/06
MBAS		MG/L	2	.869999	.551543	1.26000	.480000	78/11	79/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/11	79/06

TABLE RD 1-25

STATION NUMBER 502080
41 05 39.0 081 31 44.0 2
L CUYAHOGA BELOW CANAL (AKRON)
LAKE ERIE (CUYAHOGA RIVER)
MILES 0044.20 0002.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	10	18.4700	8.31507	25.8000	3.50000	77/01	78/04
STREAM	FLOW	CFS	10	49.1000	27.6946	122.000	24.0000	77/01	78/04
CNDUCTVY	FIELD	MICROMHO	5	1889.20	1135.33	3080.00	610.000	77/03	78/02
DO		MG/L	10	7.88999	2.37321	12.3000	4.50000	77/01	78/04
BOD	5 DAY	MG/L	9	15.2000	16.3330	48.0000	3.70000	77/01	78/04
COD	LOWLEVEL	MG/L	11	45.0909	33.6139	112.000	16.0000	77/01	78/04
PH		SU	4	8.22500	.670238	9.20000	7.70000	77/05	77/09
LAB	PH	SU	9	7.74888	.164434	8.00000	7.44000	77/01	78/04
RESIDUE	DISS-105	C MG/L	11	789.454	453.525	1620.00	330.000	77/01	78/04
RESIDUE	TOT NFLT	MG/L	11	39.9091	56.2538	204.000	10.0000	77/01	78/04
NH3+NH4-	N TOTAL	MG/L	11	1.23636	1.55795	3.83000	.110000	77/01	78/04
NO2-N	TOTAL	MG/L	7	.094286	.044668	.170000	.060000	77/01	78/04
NO3-N	TOTAL	MG/L	10	.603000	.464663	1.45000	.080000	77/01	78/04
TOT KJEL	N	MG/L	10	2.55000	2.38945	6.90000	.700000	77/01	78/04
PHOS-TOT		MG/L P	10	.364000	.359759	1.18000	.120000	77/01	78/04
PHOS-DIS		MG/L P	2	.275000	.247487	.450000	.100000	77/06	77/07
T ORG C	C	MG/L	8	26.3750	16.8008	52.0000	8.00000	77/01	77/09
CYANIDE	CN-TOT	MG/L	5	.010000	.000000	.010000	.010000	77/01	77/06
TOT HARD	CACO3	MG/L	10	250.500	46.6434	328.000	173.000	77/01	78/04
SODIUM	NA,TOT	MG/L	1	150.000		150.000	150.000	77/01	77/01
CHLORIDE	CL	MG/L	9	336.333	249.102	748.000	65.0000	77/01	78/04
FLUORIDE	F,DISS	MG/L	10	.437000	.214479	.850000	.200000	77/01	78/04
SILICA	DISOLVED	MG/L	1	9.60000		9.60000	9.60000	77/07	77/07
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	300.000		300.000	300.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/08	78/04
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/09	78/04
COPPER	CU,TOT	UG/L	10	65.0000	81.5475	290.000	30.0000	77/01	78/04
IRON	FE,TOT	UG/L	4	2210.00	1828.93	4800.00	570.000	77/08	78/04
LEAD	PB,TOT	UG/L	10	24.9000	15.2421	50.0000	6.00000	77/01	78/04
MANGNESE	MN	UG/L	1	230.000		230.000	230.000	77/08	77/08
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/02	78/04
ZINC	ZN,TOT	UG/L	7	61.4286	23.4013	90.0000	30.0000	77/03	78/04
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/02	77/02
FEC COLI	MFM-FCBR	/100ML	10	398360	666726	2100000	4600.00	77/01	78/04
FECSTREP	MF M-ENT	/100ML	11	119011	236996	750000	920.000	77/01	78/04
PHENOLS	TOTAL	UG/L	10	47.3000	57.6504	180.000	5.00000	77/01	78/04
MBAS		MG/L	11	.448181	.509310	1.82000	.120000	77/01	78/04
PCBS	WHL SMPL	UG/L	1	.050000		.050000	.050000	77/09	77/09
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/01	78/04

TABLE RD 1-26

STATION NUMBER 502080
41 05 39.0 081 31 44.0 2
L CUYAHOGA BELOW CANAL (AKRON)
LAKE ERIE (CUYAHOGA RIVER)
MILES 0044.20 0002.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	14.0000	5.40833	20.0000	9.50000	78/11	79/06
STREAM	FLOW	CFS	2	33.5000	9.19239	40.0000	27.0000	79/03	79/06
CNDUCTVY	FIELD	MICROMHO	1	600.000		600.000	600.000	79/06	79/06
DO		MG/L	3	10.2000	1.53952	11.5000	8.50000	78/11	79/06
BOD	5 DAY	MG/L	1	6.00000		6.00000	6.00000	79/03	79/03
COD	LOWLEVEL	MG/L	3	42.7667	47.9244	98.0000	12.2000	78/11	79/06
PH		SU	3	8.10000	.173641	8.20000	7.90000	78/11	79/06
LAB	PH	SU	1	8.20000		8.20000	8.20000	79/03	79/03
RESIDUE	DISS-105	C MG/L	2	547.000	60.8112	590.000	504.000	79/03	79/06
RESIDUE	TOT NFLT	MG/L	3	10.0000	.000000	10.0000	10.0000	78/11	79/06
NH3+NH4-	N TOTAL	MG/L	3	.496667	.174739	.690000	.350000	78/11	79/06
NO2-N	TOTAL	MG/L	3	.146667	.055076	.200000	.090000	78/11	79/06
NO3-N	TOTAL	MG/L	3	.686666	.145030	.830000	.540000	78/11	79/06
TOT KJEL	N	MG/L	3	2.06667	.986578	3.20000	1.40000	78/11	79/06
PHOS-TOT		MG/L P	3	.143333	.063508	.180000	.070000	78/11	79/06
TOT HARD	CACO3	MG/L	3	250.000	33.8083	271.000	211.000	78/11	79/06
CHLORIDE	CL	MG/L	3	99.6667	47.6901	142.000	48.0000	78/11	79/06
FLUORIDE	F,DISS	MG/L	2	.245000	.007076	.250000	.240000	79/03	79/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/11	79/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/11	79/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/11	79/06
IRON	FE,TOT	UG/L	3	480.000	112.694	550.000	350.000	78/11	79/06
LEAD	PB,TOT	UG/L	3	45.6667	39.8037	90.0000	13.0000	78/11	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/11	79/06
ZINC	ZN,TOT	UG/L	3	62.0000	27.0555	90.0000	36.0000	78/11	79/06
FEC COLI	MFM-FCBR	/100ML	3	51666.7	31564.8	76000.0	16000.0	78/11	79/06
FECSTREP	MF M-ENT	/100ML	3	40333.3	30615.9	75000.0	17000.0	78/11	79/06
PHENOLS	TOTAL	UG/L	3	6.33333	6.65833	14.0000	2.00000	78/11	79/06
MBAS		MG/L	2	.190000	.127279	.280000	.100000	78/11	79/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/11	79/06

TABLE RD 1-27

STATION NUMBER 502110
41 25 04.0 081 38 18.0 2
MILL CRK. AT CANAL
LAKE ERIE (CUYAHOGA RIVER)
(RIVER MILE 0.1)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	7.90000	5.75587	13.5000	2.00000	77/09	78/04
CNDUCTVY	FIELD	MICROMHO	3	1117.67	728.039	1829.00	374.000	77/09	78/04
DO		MG/L	3	9.60000	2.38960	12.2000	7.50000	77/09	78/04
BOD	5 DAY	MG/L	3	11.5667	7.16683	19.0000	4.70000	77/09	78/04
COD	LOWLEVEL	MG/L	3	36.6667	13.0129	50.0000	24.0000	77/09	78/04
PH		SU	1	6.90000		6.90000	6.90000	78/04	78/04
LAB	PH	SU	1	7.20000		7.20000	7.20000	78/02	78/02
RESIDUE	DISS-105	C MG/L	3	995.333	781.244	1850.00	318.000	77/09	78/04
RESIDUE	TOT NFLT	MG/L	3	148.667	184.245	361.000	31.0000	77/09	78/04
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	3	5.07000	3.63842	7.26000	.870000	77/09	78/04
NO2-N	TOTAL	MG/L	3	.216667	.236925	.490000	.070000	77/09	78/04
NO3-N	TOTAL	MG/L	3	1.32667	.248262	1.53000	1.05000	77/09	78/04
TOT KJEL	N	MG/L	3	7.06666	4.05506	11.0000	2.90000	77/09	78/04
PHOS-TOT		MG/L P	3	3.25000	3.46433	7.25000	1.21000	77/09	78/04
T ORG C	C	MG/L	1	17.0000		17.0000	17.0000	77/09	77/09
TOT HARD	CACO3	MG/L	3	261.000	135.399	402.000	132.000	77/09	78/04
CHLORIDE	CL	MG/L	3	375.333	400.646	830.000	74.0000	77/09	78/04
FLUORIDE	F,DISS	MG/L	3	.559999	.141070	.710000	.430000	77/09	78/04
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/02	78/04
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/02	78/04
COPPER	CU,TOT	UG/L	3	66.6667	35.1189	100.000	30.0000	77/09	78/04
IRON	FE,TOT	UG/L	3	19766.7	23600.1	47000.0	5300.00	77/09	78/04
LEAD	PB,TOT	UG/L	3	25.0000	18.5203	46.0000	11.0000	77/09	78/04
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/02	78/04
ZINC	ZN,TOT	UG/L	3	336.666	174.738	530.000	190.000	77/09	78/04
FEC COLI	MFM-FCBR	/100ML	2	22100.0	29557.1	43000.0	1200.00	77/09	78/02
FECSTREP	MF M-ENT	/100ML	3	63193.3	58707.5	117000	580.000	77/09	78/04
PHENOLS	TOTAL	UG/L	3	9.33333	3.21458	13.0000	7.00000	77/09	78/04
MBAS		MG/L	3	.706666	.818800	1.65000	.180000	77/09	78/04
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	77/09	77/09
MERCURY	HG,TOTAL	UG/L	3	.633333	.230941	.900000	.500000	77/09	78/04

TABLE RD 1-28

STATION NUMBER 502110
41 25 04.0 081 38 18.0 2
MILL CRK. AT CANAL
LAKE ERIE (CUYAHOGA RIVER)
(RIVER MILE 0.1)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	7.60000	5.28490	12.5000	2.00000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	2	1000.00	.000000	1000.00	1000.00	78/11	79/06
DO		MG/L	3	10.1333	3.30054	13.8000	7.40000	78/11	79/06
BOD	5 DAY	MG/L	1	9.00000		9.00000	9.00000	79/03	79/03
COD	LOWLEVEL	MG/L	3	30.1667	6.72635	34.1000	22.4000	78/11	79/06
PH		SU	3	7.46666	.305650	7.80000	7.20000	78/11	79/06
RESIDUE	DISS-105	C MG/L	3	970.333	195.466	1196.00	854.000	78/11	79/06
RESIDUE	TOT NFLT	MG/L	3	30.6667	13.4289	46.0000	21.0000	78/11	79/06
NH3+NH4-	N TOTAL	MG/L	3	6.19000	2.78557	8.62000	3.15000	78/11	79/06
NO2-N	TOTAL	MG/L	3	.196667	.219621	.450000	.060000	78/11	79/06
NO3-N	TOTAL	MG/L	3	.833333	.412352	1.16000	.370000	78/11	79/06
TOT KJEL	N	MG/L	3	9.53333	2.56973	11.9000	6.80000	78/11	79/06
PHOS-TOT		MG/L P	3	.260000	.190000	.470000	.100000	78/11	79/06
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/11	78/11
TOT HARD	CACO3	MG/L	3	362.666	20.6042	386.000	347.000	78/11	79/06
CHLORIDE	CL	MG/L	2	256.000	258.801	439.000	73.0000	79/03	79/06
FLUORIDE	F,DISS	MG/L	2	.630000	.070717	.680000	.580000	79/03	79/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/11	79/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/11	79/06
COPPER	CU,TOT	UG/L	3	53.3333	32.1455	90.0000	30.0000	78/11	79/06
IRON	FE,TOT	UG/L	3	4400.00	608.276	5100.00	4000.00	78/11	79/06
LEAD	PB,TOT	UG/L	3	8.66667	4.61881	14.0000	6.00000	78/11	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/11	79/06
ZINC	ZN,TOT	UG/L	3	280.000	79.3725	340.000	190.000	78/11	79/06
FEC COLI	MFM-FCBR	/100ML	2	24950.0	22698.1	41000.0	8900.00	79/03	79/06
FECSTREP	MF M-ENT	/100ML	2	23000.0	22627.4	39000.0	7000.00	79/03	79/06
PHENOLS	TOTAL	UG/L	3	4.00000	2.00000	6.00000	2.00000	78/11	79/06
MBAS		MG/L	2	.430000	.240416	.600000	.260000	78/11	79/06
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	79/03	79/06

TABLE RD 1-29

STATION NUMBER 502220
41 23 04.0 081 31 39.0 2
TINKERS CRK AT BEDFORD
LAKE ERIE (CUYAHOGA RIVER)
MILES 0017.80 0005.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	10	13.0200	8.34915	24.8000	.100000	77/01	77/09
STREAM	FLOW	CFS	11	81.6363	67.8974	254.000	26.0000	77/01	78/02
CNDUCTVY	FIELD	MICROMHO	4	651.250	206.171	900.000	405.000	77/03	77/09
DO		MG/L	10	8.82999	2.49491	13.5000	5.30000	77/01	77/09
BOD	5 DAY	MG/L	9	5.78889	2.10799	10.0000	2.60000	77/01	77/09
COD	LOWLEVEL	MG/L	9	25.3333	7.74600	40.0000	16.0000	77/01	77/09
PH		SU	5	7.65999	.114554	7.80000	7.50000	77/04	77/09
LAB	PH	SU	8	7.77500	.167038	8.00000	7.50000	77/01	77/08
RESIDUE	DISS-105	C MG/L	9	521.222	183.798	871.000	314.000	77/01	77/09
RESIDUE	TOT NFLT	MG/L	9	36.6667	38.3764	120.000	10.0000	77/01	77/09
NH3+NH4-	N TOTAL	MG/L	10	1.18400	.688672	2.19000	.290000	77/01	77/09
NO2-N	TOTAL	MG/L	4	.220000	.182392	.450000	.050000	77/01	77/09
NO3-N	TOTAL	MG/L	9	1.49111	.568760	2.23000	.570000	77/01	77/09
TOT KJEL	N	MG/L	9	2.33333	1.11915	4.10000	.600000	77/01	77/09
PHOS-TOT		MG/L P	10	1.16700	.924951	2.79000	.050000	77/01	77/09
PHOS-DIS		MG/L P	5	1.09000	.615508	1.72000	.260000	77/04	77/07
T ORG C	C	MG/L	7	16.7143	4.82062	21.0000	7.00000	77/02	77/09
TOT HARD	CACO3	MG/L	8	234.000	53.1171	307.000	164.000	77/01	77/09
SODIUM	NA,TOT	MG/L	1	153.000		153.000	153.000	77/01	77/01
CHLORIDE	CL	MG/L	5	191.800	118.468	377.000	97.0000	77/01	77/09
FLUORIDE	F,DISS	MG/L	7	.530000	.216872	.830000	.200000	77/01	77/09
SILICA	DISOLVED	MG/L	1	13.4000		13.4000	13.4000	77/07	77/07
ARSENIC	AS,TOT	UG/L	1	.000000		.000000	.000000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	.000000		.000000	.000000	77/09	77/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/01	77/03
CHROMIUM	CR,TOT	UG/L	10	31.0000	3.16228	40.0000	30.0000	77/01	77/09
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/02	77/09
IRON	FE,TOT	UG/L	9	1420.00	1056.14	4000.00	600.000	77/01	77/09
LEAD	PB,TOT	UG/L	9	11.8889	8.43274	30.0000	5.00000	77/01	77/09
MANGNESE	MN	UG/L	1	130.000		130.000	130.000	77/09	77/09
ZINC	ZN,TOT	UG/L	8	41.2500	14.5774	70.0000	30.0000	77/01	77/09
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/02	77/02
FEC COLI	MFM-FCBR	/100ML	10	3140.00	2117.76	7000.00	1000.00	77/01	77/09
FECSTREP	MF M-ENT	/100ML	10	1511.00	1309.02	4800.00	330.000	77/01	77/09
PHENOLS	TOTAL	UG/L	11	14.0909	10.9312	41.0000	2.00000	77/01	78/02
MBAS		MG/L	8	.275000	.091963	.400000	.110000	77/02	77/09
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	77/09	77/09
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	77/01	77/07

TABLE RD 1-30

STATION NUMBER 502220
41 23 04.0 081 31 39.0 2
TINKERS CRK AT BEDFORD
LAKE ERIE (CUYAHOGA RIVER)
MILES 0017.80 0005.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	11.2500	14.4957	21.5000	1.00000	78/08	78/12
STREAM	FLOW	CFS	2	53.5000	41.7193	83.0000	24.0000	78/08	78/12
CNDUCTVY	FIELD	MICROMHO	1	400.000		400.000	400.000	78/12	78/12
DO		MG/L	2	9.55000	4.45479	12.7000	6.40000	78/08	78/12
COD	LOWLEVEL	MG/L	2	29.5000	2.12132	31.0000	28.0000	78/08	78/12
PH		SU	2	7.45000	.636395	7.90000	7.00000	78/08	78/12
RESIDUE	DISS-105	C MG/L	1	465.000		465.000	465.000	78/12	78/12
RESIDUE	TOT NFLT	MG/L	2	14.0000	5.65685	18.0000	10.0000	78/08	78/12
NH3+NH4-	N TOTAL	MG/L	2	1.91000	.707107	2.41000	1.41000	78/08	78/12
NO2-N	TOTAL	MG/L	1	.740000		.740000	.740000	78/08	78/08
NO3-N	TOTAL	MG/L	1	2.86000		2.86000	2.86000	78/08	78/08
TOT KJEL	N	MG/L	2	3.10000	.989947	3.80000	2.40000	78/08	78/12
PHOS-TOT		MG/L P	2	1.96000	.395984	2.24000	1.68000	78/08	78/12
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/12	78/12
TOT HARD	CACO3	MG/L	2	274.500	74.2462	327.000	222.000	78/08	78/12
CHLORIDE	CL	MG/L	1	116.000		116.000	116.000	78/12	78/12
FLUORIDE	F,DISS	MG/L	1	.460000		.460000	.460000	78/12	78/12
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/08	78/12
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	78/12
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	78/12
IRON	FE,TOT	UG/L	2	890.000	410.122	1180.00	600.000	78/08	78/12
LEAD	PB,TOT	UG/L	2	63.5000	79.9031	120.000	7.00000	78/08	78/12
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	2	190.000	183.848	320.000	60.0000	78/08	78/12
FEC COLI	MFM-FCBR	/100ML	1	3000.00		3000.00	3000.00	78/08	78/08
FECSTREP	MF M-ENT	/100ML	1	300.000		300.000	300.000	78/08	78/08
PHENOLS	TOTAL	UG/L	2	11.5000	2.12132	13.0000	10.0000	78/08	78/12
MBAS		MG/L	1	.260000		.260000	.260000	78/12	78/12
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/08	78/12

TABLE RD 1-31

STATION NUMBER 504250
41 34 27.0 081 34 10.0 2
EUCLID CRK AT EUCLID
LAKE ERIE (EUCLID CREEK)
MILES 0001.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	6.22222	6.28108	14.8000	.000000	77/10	78/06
STREAM	FLOW	CFS	5	19.7600	23.2328	59.0000	4.50000	78/02	78/06
CNDUCTVY	FIELD	MICROMHO	8	507.500	305.941	1070.00	150.000	77/10	78/05
CNDUCTVY	AT 25C	MICROMHO	1	530.000		530.000	530.000	78/06	78/06
DO		MG/L	8	11.7750	1.91442	14.4000	9.30000	77/10	78/06
BOD	5 DAY	MG/L	8	2.07500	2.08035	7.00000	1.00000	77/10	78/06
COD	LOWLEVEL	MG/L	9	14.7778	6.03693	24.0000	4.00000	77/10	78/06
PH		SU	4	7.15000	.238100	7.40000	6.90000	78/01	78/06
LAB	PH	SU	5	7.41999	.238889	7.70000	7.10000	77/10	78/05
T ALK	CACO3	MG/L	1	95.0000		95.0000	95.0000	77/10	77/10
RESIDUE	DISS-105	C MG/L	8	481.375	221.119	840.000	265.000	77/10	78/06
RESIDUE	TOT NFLT	MG/L	8	119.250	260.891	763.000	10.0000	77/10	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/11	77/11
NH3+NH4-	N TOTAL	MG/L	9	.897777	.566365	1.78000	.160000	77/10	78/06
NO2-N	TOTAL	MG/L	9	.022222	.009718	.040000	.010000	77/10	78/06
NO3-N	TOTAL	MG/L	9	.955555	.379114	1.32000	.280000	77/10	78/06
TOT KJEL	N	MG/L	9	1.86333	1.39350	5.20000	.300000	77/10	78/06
PHOS-TOT		MG/L P	9	.895555	.999476	3.08000	.050000	77/10	78/06
PHOS-DIS		MG/L P	8	.442500	.680079	2.02000	.050000	77/10	78/05
T ORG C	C	MG/L	2	3.65000	.494970	4.00000	3.30000	77/10	78/03
TOT HARD	CACO3	MG/L	9	177.778	34.9063	223.000	117.000	77/10	78/06
CHLORIDE	CL	MG/L	8	173.000	121.947	376.000	57.0000	77/10	78/06
SULFATE	SO4-TOT	MG/L	1	89.0000		89.0000	89.0000	77/10	77/10
FLUORIDE	F,DISS	MG/L	2	1.10500	.558617	1.50000	.710000	77/10	77/12
SILICA	DISOLVED	MG/L	9	5.95444	1.82309	8.00000	2.63000	77/10	78/06
ARSENIC	AS,TOT	UG/L	9	11.6667	5.00001	25.0000	10.0000	77/10	78/06
CADMIUM	CD,TOT	UG/L	9	5.00000	.000000	5.00000	5.00000	77/10	78/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	78/06	78/06
CHROMIUM	CR,TOT	UG/L	8	32.5000	7.07107	50.0000	30.0000	77/10	78/05
COPPER	CU,TOT	UG/L	9	32.2222	6.66677	50.0000	30.0000	77/10	78/06
IRON	FE,TOT	UG/L	4	8495.00	11721.6	26000.0	1140.00	78/03	78/06
LEAD	PB,TOT	UG/L	9	20.8889	23.7089	75.0000	5.00000	77/10	78/06
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/05	78/05
ZINC	ZN,TOT	UG/L	6	60.0000	59.3296	180.000	30.0000	77/10	78/05
FEC COLI	MFM-FCBR	/100ML	9	2226.22	3436.04	10000.0	75.0000	77/10	78/06
FECSTREP	MF M-ENT	/100ML	9	1753.33	2067.03	5600.00	200.000	77/10	78/06
PHENOLS	TOTAL	UG/L	8	4.50000	3.50510	10.0000	2.00000	77/10	78/06
MBAS		MG/L	9	.130000	.043875	.200000	.070000	77/10	78/06
PCBS	WHL SMPL	UG/L	5	.500000	.000000	.500000	.500000	77/12	78/06
MERCURY	HG,TOTAL	UG/L	7	.500000	.000000	.500000	.500000	77/10	78/06

TABLE RD 1-32

STATION NUMBER 504250
41 34 27.0 081 34 10.0 2
EUCLID CRK AT EUCLID
LAKE ERIE (EUCLID CREEK)
MILES 0001.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	10.9167	8.27327	22.5000	.500000	78/07	79/06
STREAM	FLOW	CFS	12	46.1750	70.2098	190.000	2.00000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	12	608.333	268.221	1300.00	370.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	2420.00		2420.00	2420.00	79/01	79/01
DO		MG/L	12	10.8167	1.98260	13.5000	8.10000	78/07	79/06
BOD	5 DAY	MG/L	4	.975000	.525198	1.70000	.500000	78/07	78/10
COD	LOWLEVEL	MG/L	12	16.6583	7.79960	30.6000	5.60000	78/07	79/06
PH		SU	11	7.37272	.331935	8.10000	6.70000	78/07	79/06
LAB	PH	SU	1	7.60000		7.60000	7.60000	79/01	79/01
RESIDUE	DISS-105	C MG/L	9	534.666	320.359	1356.00	316.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	162.083	476.340	1672.00	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.986666	1.02777	3.58000	.020000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.033636	.024606	.090000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	11	1.12454	.284305	1.45000	.470000	78/07	79/06
TOT KJEL	N	MG/L	11	1.66000	1.13772	4.00000	.500000	78/07	79/06
PHOS-TOT		MG/L P	10	.315000	.317463	1.14000	.050000	78/07	79/06
PHOS-DIS		MG/L P	4	.305000	.444635	.970000	.050000	78/07	78/10
TOT HARD	CACO3	MG/L	12	191.750	25.8074	242.000	148.000	78/07	79/06
CHLORIDE	CL	MG/L	11	175.545	200.722	655.000	35.0000	78/07	79/06
SILICA	DISOLVED	MG/L	3	5.35000	.880563	6.12000	4.39000	78/07	78/10
ARSENIC	AS,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	78/07	78/10
CADMIUM	CD,TOT	UG/L	6	5.00000	.000000	5.00000	5.00000	78/07	79/04
CHROMIUM	CR,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	78/07	79/04
COPPER	CU,TOT	UG/L	12	30.0000	.000000	30.0000	30.0000	78/07	79/06
IRON	FE,TOT	UG/L	11	3790.00	1161.41	5000.00	1870.00	78/07	79/06
LEAD	PB,TOT	UG/L	11	27.2727	45.3962	160.000	6.00000	78/07	79/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	79/01	79/04
ZINC	ZN,TOT	UG/L	8	76.2500	111.475	350.000	30.0000	78/11	79/06
FEC COLI	MFM-FCBR	/100ML	11	6259.09	7185.22	26000.0	550.000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	11	2848.18	2603.06	8100.00	300.000	78/07	79/06
PHENOLS	TOTAL	UG/L	12	4.66667	5.19324	16.0000	2.00000	78/07	79/06
MBAS		MG/L	4	.125000	.038730	.180000	.090000	78/07	78/10
PCBS	WHL SMPL	UG/L	4	.500000	.000000	.500000	.500000	78/07	78/10
MERCURY	HG,TOTAL	UG/L	6	.500000	.000000	.500000	.500000	78/07	79/04

TABLE RD 1-33

STATION NUMBER 502530
41 43 09.0 081 13 41.0 2
GRAND R NR PAINESVILLE - RT 84
LAKE ERIE (GRAND RIVER)
MILES 0008.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	17	10.1118	9.62197	26.7000	.000000	77/01	78/06
STREAM	FLOW	CFS	17	2060.47	2460.30	9460.00	63.0000	77/01	78/06
TURB	JKSN	JTU	1	4.00000		4.00000	4.00000	77/01	77/01
CNDUCTVY	FIELD	MICROMHO	10	175.000	69.9206	270.000	45.0000	77/08	78/05
CNDUCTVY	AT 25C	MICROMHO	2	306.500	228.395	468.000	145.000	77/04	78/06
DO		MG/L	17	10.7235	2.90787	15.0000	6.60000	77/01	78/06
BOD	5 DAY	MG/L	17	1.34706	.679265	3.90000	1.00000	77/01	78/06
COD	LOWLEVEL	MG/L	16	18.7500	7.96241	36.0000	8.00000	77/02	78/06
PH		SU	7	6.98571	.384959	7.40000	6.40000	77/05	78/06
LAB	PH	SU	10	7.28999	.228277	7.60000	6.90000	77/01	78/05
T ALK	CACO3	MG/L	2	68.0000	14.1421	78.0000	58.0000	77/08	77/10
RESIDUE	DISS-105	C MG/L	17	184.941	67.6540	306.000	60.0000	77/01	78/06
RESIDUE	TOT NFLT	MG/L	17	30.8823	34.5541	150.000	10.0000	77/01	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/11	77/11
NH3+NH4-	N TOTAL	MG/L	18	.132222	.128226	.460000	.050000	77/01	78/06
NO2-N	TOTAL	MG/L	13	.013077	.008549	.040000	.010000	77/02	78/06
NO3-N	TOTAL	MG/L	18	.395555	.349961	1.22000	.050000	77/01	78/06
TOT KJEL	N	MG/L	19	.642105	.746335	3.60000	.100000	77/01	78/06
PHOS-TOT		MG/L P	18	.374444	.861163	3.76000	.050000	77/01	78/06
PHOS-DIS		MG/L P	12	.321666	.730303	2.62000	.050000	77/03	78/04
T ORG C	C	MG/L	7	7.00000	2.94392	10.0000	1.00000	77/01	77/10
TOT HARD	CACO3	MG/L	18	113.667	39.5073	176.000	58.0000	77/01	78/06
CHLORIDE	CL	MG/L	18	33.1667	16.0633	72.0000	15.0000	77/01	78/06
SULFATE	SO4-TOT	MG/L	2	36.0000	12.7279	45.0000	27.0000	77/08	77/10
FLUORIDE	F,DISS	MG/L	8	.157500	.054968	.230000	.090000	77/01	77/10
SILICA	DISOLVED	MG/L	11	5.24817	1.86274	8.30000	2.01000	77/07	78/06
ARSENIC	AS,TOT	UG/L	13	10.0000	.000000	10.0000	10.0000	77/05	78/06
CADMIUM	CD,TOT	UG/L	18	5.00000	.000000	5.00000	5.00000	77/01	78/06
CHROMIUM	CR,TOT	UG/L	14	30.0000	.000000	30.0000	30.0000	77/05	78/06
COPPER	CU,TOT	UG/L	17	30.5882	2.42555	40.0000	30.0000	77/01	78/06
IRON	FE,TOT	UG/L	5	1726.00	2698.94	6550.00	350.000	77/02	78/06
LEAD	PB,TOT	UG/L	16	9.56250	8.46931	35.0000	5.00000	77/01	78/06
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/03	78/03
ZINC	ZN,TOT	UG/L	11	30.9091	3.01526	40.0000	30.0000	77/01	78/05
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/02	77/02
FEC COLI	MFM-FCBR	/100ML	14	304.500	323.846	1100.00	44.0000	77/01	78/06
FECSTREP	MF M-ENT	/100ML	15	2617.20	5411.38	20000.0	9.00000	77/01	78/06
PHENOLS	TOTAL	UG/L	18	5.44444	7.47720	32.0000	2.00000	77/01	78/06
MBAS		MG/L	18	.081666	.021489	.120000	.050000	77/01	78/06
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	77/05	77/05
MERCURY	HG,TOTAL	UG/L	17	.500000	.000000	.500000	.500000	77/01	78/06

TABLE RD 1-34

STATION NUMBER 502530
41 43 09.0 081 13 41.0 2
GRAND R NR PAINESVILLE - RT 84
LAKE ERIE (GRAND RIVER)
MILES 0008.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	11.1250	9.26166	24.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	11	603.091	789.090	2350.00	11.0000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	12	316.250	108.211	485.000	150.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	900.000		900.000	900.000	79/02	79/02
DO		MG/L	12	10.1917	2.91688	14.2000	5.50000	78/07	79/06
BOD	5 DAY	MG/L	4	1.52500	.984463	3.00000	1.00000	78/07	78/10
COD	LOWLEVEL	MG/L	12	13.8500	5.57992	24.0000	4.80000	78/07	79/06
PH		SU	12	7.55000	.239295	8.00000	7.10000	78/07	79/06
LAB	PH	SU	1	7.30000		7.30000	7.30000	79/02	79/02
RESIDUE	DISS-105	C MG/L	10	274.500	96.0338	498.000	162.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	24.1667	34.7820	133.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.082500	.045552	.210000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.010000	.000007	.010000	.010000	78/07	79/05
NO3-N	TOTAL	MG/L	11	.481818	.420495	1.39000	.050000	78/07	79/05
TOT KJEL	N	MG/L	11	.472727	.210195	.800000	.200000	78/07	79/05
PHOS-TOT		MG/L P	11	.207272	.373740	1.31000	.050000	78/07	79/05
PHOS-DIS		MG/L P	4	.309999	.493693	1.05000	.050000	78/07	78/10
TOT HARD	CACO3	MG/L	6	148.667	42.8939	195.000	80.0000	78/07	79/04
CHLORIDE	CL	MG/L	4	47.5000	3.69684	52.0000	43.0000	78/07	78/10
SILICA	DISOLVED	MG/L	4	3.71250	1.01234	4.51000	2.40000	78/07	78/10
ARSENIC	AS,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	78/07	78/10
CADMIUM	CD,TOT	UG/L	6	5.16667	.408273	6.00000	5.00000	78/07	79/04
CHROMIUM	CR,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	78/07	79/04
COPPER	CU,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	78/07	79/04
IRON	FE,TOT	UG/L	6	1025.00	598.222	1770.00	340.000	78/07	79/04
LEAD	PB,TOT	UG/L	6	21.0000	29.0723	80.0000	5.00000	78/07	79/04
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	79/01	79/04
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	79/01	79/04
FEC COLI	MFM-FCBR	/100ML	12	125.167	127.612	480.000	4.00000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	12	1226.50	3098.01	11000.0	20.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	6	2.16667	.408254	3.00000	2.00000	78/07	79/04
MBAS		MG/L	4	.067500	.009575	.080000	.060000	78/07	78/10
MERCURY	HG,TOTAL	UG/L	6	.500000	.000000	.500000	.500000	78/07	79/04

TABLE RD 1-35

STATION NUMBER 502520
41 44 09.0 081 15 59.0 2
GRAND R AT PAINESVILLE
LAKE ERIE (GRAND RIVER)
MILES 0002.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	18	10.3889	9.69832	26.5000	.000000	77/01	78/06
TURB	JKSN	JTU	1	4.00000		4.00000	4.00000	77/01	77/01
CNDUCTVY	FIELD	MICROMHO	16	1234.06	1569.65	5700.00	85.0000	77/02	78/06
CNDUCTVY	AT 25C	MICROMHO	2	1477.50	1743.02	2710.00	245.000	77/04	78/06
DO		MG/L	17	9.51764	3.59397	14.4000	3.00000	77/02	78/06
BOD	5 DAY	MG/L	13	3.06153	2.58572	10.0000	1.00000	77/01	78/02
COD	LOWLEVEL	MG/L	16	21.8750	9.56992	44.0000	4.00000	77/02	78/06
PH		SU	13	7.17692	.391951	8.00000	6.70000	77/02	78/06
LAB	PH	SU	10	7.39999	.188510	7.60000	7.10000	77/01	78/05
RESIDUE	DISS-105	C MG/L	14	774.071	670.838	2340.00	142.000	77/01	78/04
RESIDUE	TOT NFLT	MG/L	16	34.7500	48.2431	204.000	3.00000	77/01	78/06
NH3+NH4-	N TOTAL	MG/L	18	.478888	.434848	1.34000	.060000	77/01	78/06
NO2-N	TOTAL	MG/L	11	.022727	.018488	.060000	.010000	77/02	78/06
NO3-N	TOTAL	MG/L	18	.438888	.396008	1.43000	.050000	77/01	78/06
TOT KJEL	N	MG/L	17	1.12353	.839293	3.40000	.300000	77/01	78/06
PHOS-TOT		MG/L P	18	.363333	.601126	2.11000	.050000	77/01	78/06
PHOS-DIS		MG/L P	5	.072000	.030332	.110000	.050000	77/03	77/07
T ORG C	C	MG/L	9	9.55556	3.43188	14.0000	4.00000	77/01	77/11
CYANIDE	CN-TOT	MG/L	6	.015000	.008367	.030000	.010000	77/01	77/10
TOT HARD	CACO3	MG/L	10	546.700	386.260	1165.00	110.000	77/01	78/06
CHLORIDE	CL	MG/L	18	391.500	360.634	1200.00	42.0000	77/01	78/06
FLUORIDE	F,DISS	MG/L	11	.174545	.052415	.230000	.100000	77/01	77/11
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
CADMIUM	CD,TOT	UG/L	13	5.00000	.000000	5.00000	5.00000	77/01	78/06
CHROMIUM	CR,TOT	UG/L	9	30.0000	.000000	30.0000	30.0000	77/02	78/06
COPPER	CU,TOT	UG/L	9	30.0000	.000000	30.0000	30.0000	77/01	78/06
IRON	FE,TOT	UG/L	3	1173.33	359.213	1410.00	760.000	77/02	78/06
LEAD	PB,TOT	UG/L	9	8.22222	5.44927	20.0000	5.00000	77/01	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	7	34.2857	11.3390	60.0000	30.0000	77/01	78/06
ALUMINUM	AL,TOT	UG/L	1	300.000		300.000	300.000	78/01	78/01
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/02	77/02
FEC COLI	MFM-FCBR	/100ML	15	6867.33	18923.2	75000.0	150.000	77/01	78/06
FECSTREP	MF M-ENT	/100ML	15	2236.00	3780.57	14000.0	130.000	77/01	78/06
PHENOLS	TOTAL	UG/L	16	29.3750	30.0441	102.000	3.00000	77/01	78/06
MBAS		MG/L	14	.190714	.133961	.490000	.020000	77/01	78/02
PCBS	WHL SMPL	UG/L	2	.900000	.565685	1.30000	.500000	77/04	77/07
MERCURY	HG,TOTAL	UG/L	13	.500000	.000000	.500000	.500000	77/01	78/06

TABLE RD 1-36

STATION NUMBER 502520
41 44 09.0 081 15 59.0 2
GRAND R AT PAINESVILLE
LAKE ERIE (GRAND RIVER)
MILES 0002.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	12.2727	9.83454	26.0000	.000000	78/07	79/06
TURB	JKSN	JTU	8	13.0875	19.9489	62.0000	2.40000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	12	1467.08	1105.38	4050.00	250.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	2	1725.00	1237.44	2600.00	850.000	79/01	79/02
DO		MG/L	11	10.0818	2.76798	14.4000	5.50000	78/07	79/06
BOD	5 DAY	MG/L	3	2.93333	1.96044	5.00000	1.10000	78/07	78/10
COD	LOWLEVEL	MG/L	12	16.9750	8.01023	38.0000	5.60000	78/07	79/06
PH		SU	12	7.32499	.259796	7.80000	6.80000	78/07	79/06
LAB	PH	SU	2	7.55000	.070745	7.60000	7.50000	79/01	79/02
T ALK	CACO3	MG/L	8	66.3750	22.4686	102.000	40.0000	78/11	79/06
RESIDUE	DISS-105	C MG/L	11	1151.45	680.343	2568.00	282.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	16.9167	8.71217	35.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.416666	.304013	1.10000	.100000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.020000	.014142	.050000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	.500000	.343484	1.28000	.090000	78/07	79/06
TOT KJEL	N	MG/L	11	.932727	.594796	2.40000	.100000	78/07	79/06
PHOS-TOT		MG/L P	12	.179999	.211317	.750000	.050000	78/07	79/06
PHOS-DIS		MG/L P	7	.051429	.003780	.060000	.050000	78/11	79/06
T ORG C	C	MG/L	6	19.4833	23.1617	66.0000	5.60000	78/11	79/05
TOT HARD	CACO3	MG/L	10	462.500	298.194	1160.00	124.000	78/08	79/06
CHLORIDE	CL	MG/L	9	413.444	412.572	1270.00	26.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	8	51.2500	19.4257	79.0000	31.0000	78/11	79/06
SILICA	DISOLVED	MG/L	8	4.33500	2.36161	7.03000	.800000	78/11	79/06
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	5	40.0000	14.1421	60.0000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	10	30.0000	.000000	30.0000	30.0000	78/08	79/06
IRON	FE,TOT	UG/L	4	952.500	318.368	1390.00	640.000	78/08	79/05
LEAD	PB,TOT	UG/L	5	7.20000	2.77490	12.0000	5.00000	78/08	79/05
NICKEL	NI,TOTAL	UG/L	5	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	10	31.0000	3.16228	40.0000	30.0000	78/08	79/06
FEC COLI	MFM-FCBR	/100ML	12	1706.67	2014.35	6600.00	130.000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	12	537.166	725.536	2500.00	36.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	10	7.40000	6.83455	19.0000	2.00000	78/08	79/06
MBAS		MG/L	8	.145000	.080534	.280000	.070000	78/11	79/06
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-37

STATION NUMBER 502530 (04212200)
41 44 09.0 081 15 59.0 2
GRAND R AT PAINESVILLE OH
LAKE ERIE (GRAND RIVER)
MILES 0002.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	9.44444	9.32217	26.0000	.000000	77/03	78/06
TURB	JKSN	JTU	6	19.3333	23.2178	65.0000	4.00000	77/12	78/05
CNDUCTVY	AT 25C	MICROMHO	9	1940.56	1885.48	5700.00	230.000	77/03	78/06
DO		MG/L	9	10.1111	3.03169	13.2000	4.50000	77/03	78/06
BOD	5 DAY	MG/L	2	3.30000	.848529	3.90000	2.70000	77/03	77/06
COD	LOWLEVEL	MG/L	3	41.6667	20.8167	65.0000	25.0000	78/04	78/06
PH		SU	9	7.53333	.308322	8.00000	7.00000	77/03	78/06
T ALK	CACO3	MG/L	9	58.4444	28.1475	98.0000	23.0000	77/03	78/06
NH3+NH4-	N TOTAL	MG/L	9	.406667	.350928	1.00000	.070000	77/03	78/06
NO2-N	TOTAL	MG/L	2	.025000	.007071	.030000	.020000	77/03	77/06
NO3-N	TOTAL	MG/L	2	.435000	.219203	.590000	.280000	77/03	77/06
TOT KJEL	N	MG/L	5	1.33400	.602313	2.30000	.670001	78/02	78/06
PHOS-TOT		MG/L P	9	.073333	.032404	.130000	.040000	77/03	78/06
PHOS-DIS		MG/L P	7	.012857	.007559	.020000	.000000	77/12	78/06
T ORG C	C	MG/L	7	8.90000	3.26140	14.0000	2.90000	77/03	78/06
TOT HARD	CACO3	MG/L	9	451.555	372.741	1100.00	59.0000	77/03	78/06
CHLORIDE	CL	MG/L	9	422.555	386.296	1150.00	34.0000	77/03	78/06
SULFATE	SO4-TOT	MG/L	9	49.5555	20.9471	91.0000	25.0000	77/03	78/06
FLUORIDE	F,DISS	MG/L	9	.111111	.033333	.200000	.100000	77/03	78/06
SILICA	DISOLVED	MG/L	9	4.06666	2.22150	7.50000	1.40000	77/03	78/06
ARSENIC	AS,TOT	UG/L	4	2.50000	2.38048	5.00000	.000000	77/03	78/04
BARIUM	BA,TOT	UG/L	2	50.0000	70.7107	100.000	.000000	78/01	78/04
CADMIUM	CD,TOT	UG/L	2	.000000	.000000	.000000	.000000	78/01	78/04
CHROMIUM	CR,TOT	UG/L	4	25.0000	19.1485	50.0000	10.0000	77/03	78/04
COPPER	CU,TOT	UG/L	4	18.0000	15.1658	40.0000	7.00000	77/03	78/04
IRON	FE,TOT	UG/L	2	1120.00	537.401	1500.00	740.000	78/01	78/04
LEAD	PB,TOT	UG/L	4	8.75000	3.86221	13.0000	5.00000	77/03	78/04
MANGNESE	MN	UG/L	2	70.0000	.000000	70.0000	70.0000	78/01	78/04
SILVER	AG,TOT	UG/L	2	.000000	.000000	.000000	.000000	78/01	78/04
ZINC	ZN,TOT	UG/L	4	37.5000	37.7492	90.0000	10.0000	77/03	78/04
SELENIUM	SE,TOT	UG/L	2	.000000	.000000	.000000	.000000	78/01	78/04
MERCURY	HG,TOTAL	UG/L	4	.250000	.288675	.500000	.000000	77/03	78/04

TABLE RD 1-38

STATION NUMBER 502530 (04212200)
41 44 09.0 081 15 59.0 2
GRAND R AT PAINESVILLE OH
LAKE ERIE (GRAND RIVER)
MILES 0002.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	13.0833	10.5094	25.5000	.500000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	12	2465.42	1816.42	5000.00	215.000	78/07	79/06
DO		MG/L	12	9.10000	3.88026	13.3000	2.50000	78/07	79/06
COD	LOWLEVEL	MG/L	1	55.0000		55.0000	55.0000	78/07	78/07
PH		SU	12	7.55833	.347602	8.20000	7.20000	78/07	79/06
T ALK	CACO3	MG/L	12	67.0833	28.9529	100.000	18.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.516667	.426430	1.30000	.060000	78/07	79/06
TOT KJEL	N	MG/L	12	1.25583	.564013	2.40000	.660000	78/07	79/06
PHOS-TOT		MG/L P	12	.082500	.038876	.140000	.040000	78/07	79/06
PHOS-DIS		MG/L P	12	.013333	.007785	.030000	.000000	78/07	79/06
T ORG C	C	MG/L	7	6.74285	1.50762	9.00000	5.00000	78/08	79/06
TOT HARD	CACO3	MG/L	12	606.833	427.273	1200.00	58.0000	78/07	79/06
CHLORIDE	CL	MG/L	12	633.083	490.645	1400.00	29.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	12	56.9166	17.0533	83.0000	27.0000	78/07	79/06
FLUORIDE	F,DISS	MG/L	12	.150000	.052224	.200000	.100000	78/07	79/06
SILICA	DISOLVED	MG/L	12	3.30000	2.36413	7.40000	.900000	78/07	79/06
ARSENIC	AS,TOT	UG/L	4	1.50000	1.00000	3.00000	1.00000	78/07	79/04
BARIUM	BA,TOT	UG/L	4	25.0000	50.0000	100.000	.000000	78/07	79/04
CADMIUM	CD,TOT	UG/L	4	3.75000	3.77492	7.00000	.000000	78/07	79/04
CHROMIUM	CR,TOT	UG/L	4	35.0000	26.4575	70.0000	10.0000	78/07	79/04
COPPER	CU,TOT	UG/L	4	6.25000	2.36291	8.00000	3.00000	78/07	79/04
IRON	FE,TOT	UG/L	4	2117.50	2014.42	5100.00	670.000	78/07	79/04
LEAD	PB,TOT	UG/L	4	79.7500	105.326	230.000	.000000	78/07	79/04
MANGNESE	MN	UG/L	4	137.500	33.0404	170.000	100.000	78/07	79/04
SILVER	AG,TOT	UG/L	4	.000000	.000000	.000000	.000000	78/07	79/04
ZINC	ZN,TOT	UG/L	4	35.0000	10.0000	40.0000	20.0000	78/07	79/04
SELENIUM	SE,TOT	UG/L	4	.000000	.000000	.000000	.000000	78/07	79/04
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/07	79/04

TABLE RD 1-39

STATION NUMBER 600000
40 27 55.0 083 52 44.0 2
GT. MIAMI R. AT LAKEVIEW
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 156.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	6	18.1667	9.47455	28.0000	3.00000	77/07	78/06
TURB	JKSN	JTU	4	20.4500	10.4759	27.0000	4.80000	77/07	77/11
CNDUCTVY	AT 25C	MICROMHO	9	567.000	471.951	1800.00	300.000	77/07	78/06
DO		MG/L	4	8.09999	2.07045	10.8000	6.00000	77/07	78/05
BOD	5 DAY	MG/L	3	4.43333	3.02380	7.00000	1.10000	77/07	77/09
COD	LOWLEVEL	MG/L	9	34.3555	19.9138	82.0000	17.1000	77/07	78/06
PH		SU	1	7.30000		7.30000	7.30000	77/07	77/07
LAB	PH	SU	8	7.85000	.338020	8.40000	7.50000	77/08	78/06
T ALK	CACO3	MG/L	2	142.000	9.89949	149.000	135.000	77/07	77/09
T ACDITY	CACO3	MG/L	2	3.00000	4.24264	6.00000	.000000	77/07	77/09
RESIDUE	TOTAL	MG/L	8	329.125	70.5659	413.000	230.000	77/07	78/05
RESIDUE	TOT NFLT	MG/L	9	38.2222	21.1174	66.0000	10.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	9	.121111	.115048	.370000	.050000	77/07	78/06
NO3-N	TOTAL	MG/L	9	.680000	.877881	2.10000	.050000	77/07	78/06
TOT KJEL	N	MG/L	9	1.70444	.868720	3.30000	1.00000	77/07	78/06
PHOS-TOT		MG/L P	9	.379999	.363111	1.21000	.050000	77/07	78/06
T ORG C	C	MG/L	3	19.3333	2.51669	22.0000	17.0000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/09	78/06
TOT HARD	CACO3	MG/L	5	209.200	31.3483	257.000	181.000	77/07	78/06
CALCIUM	CA-TOT	MG/L	1	46.0000		46.0000	46.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	24.0000		24.0000	24.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	9.50000		9.50000	9.50000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	2.90000		2.90000	2.90000	77/09	77/09
CHLORIDE	CL	MG/L	1	17.0000		17.0000	17.0000	77/09	77/09
SULFATE	SO4-TOT	MG/L	1	70.0000		70.0000	70.0000	77/09	77/09
FLUORIDE	F,DISS	MG/L	3	.276667	.075055	.350000	.200000	77/09	78/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/09	78/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/09	78/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/09	78/06
IRON	FE,TOT	UG/L	1	1360.00		1360.00	1360.00	78/06	78/06
LEAD	PB,TOT	UG/L	4	7.50000	5.00000	15.0000	5.00000	77/09	78/06
MANGNESE	MN	UG/L	3	116.667	64.2911	190.000	70.0000	77/09	78/03
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	77/09	78/06
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
ZINC	ZN,TOT	UG/L	4	37.5000	15.0000	60.0000	30.0000	77/09	78/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	7	270.143	265.074	750.000	12.0000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	2	7865.00	10090.4	15000.0	730.000	77/09	77/12
PHENOLS	TOTAL	UG/L	3	2.00000	.000000	2.00000	2.00000	77/09	78/06
MBAS		MG/L	5	.082000	.039623	.150000	.050000	77/08	78/03
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	77/09	78/06

TABLE RD 1-40

STATION NUMBER 600000
40 27 55.0 083 52 44.0 2
GT. MIAMI R. AT LAKEVIEW
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 156.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	11.2250	8.35074	22.1000	1.00000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	1	550.000		550.000	550.000	78/09	78/09
CNDUCTVY	AT 25C	MICROMHO	10	647.100	211.884	1030.00	400.000	78/07	79/06
DO		MG/L	11	9.94545	2.52363	14.0000	4.80000	78/08	79/06
COD	LOWLEVEL	MG/L	12	14.8417	7.86655	26.0000	4.00000	78/07	79/06
PH		SU	7	7.98571	.530598	8.80000	7.40000	78/10	79/06
LAB	PH	SU	5	7.69999	.123031	7.80000	7.50000	78/07	79/01
RESIDUE	TOT NFLT	MG/L	12	18.3333	7.96965	29.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.160833	.078214	.290000	.050000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.06417	.862980	2.95000	.320000	78/07	79/06
TOT KJEL	N	MG/L	12	.745833	.557371	1.60000	.050000	78/07	79/06
PHOS-TOT		MG/L P	12	.115000	.113418	.460000	.050000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	245.500	44.0341	303.000	199.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.337500	.078050	.450000	.270000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	910.000	113.137	990.000	830.000	78/09	79/06
LEAD	PB,TOT	UG/L	4	13.2500	5.96518	22.0000	9.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	10	274.800	256.576	640.000	25.0000	78/08	79/06
PHENOLS	TOTAL	UG/L	4	3.75000	1.25831	5.00000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-41

STATION NUMBER 600090
40 04 40.0 084 13 00.0 2
GT. MIAMI R. BL PIQUA
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 108.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	16.5000	19.0919	30.0000	3.00000	77/07	77/12
STREAM	FLOW	CFS	1	756.000		756.000	756.000	77/11	77/11
TURB	JKSN	JTU	4	30.4000	29.4568	72.0000	2.60000	77/07	77/12
CNDUCTVY	AT 25C	MICROMHO	3	705.666	114.774	812.000	584.000	77/07	77/11
DO		MG/L	1	4.50000		4.50000	4.50000	77/07	77/07
BOD	5 DAY	MG/L	2	4.90000	5.51543	8.80000	1.00000	77/07	77/09
COD	LOWLEVEL	MG/L	4	24.2500	7.41058	34.0000	18.0000	77/07	77/12
PH		SU	1	9.00000		9.00000	9.00000	77/07	77/07
LAB	PH	SU	2	7.80000	.282873	8.00000	7.60000	77/09	77/11
T ALK	CACO3	MG/L	2	243.500	60.1041	286.000	201.000	77/07	77/09
T ACDITY	CACO3	MG/L	2	38.5000	13.4350	48.0000	29.0000	77/07	77/09
RESIDUE	TOTAL	MG/L	3	540.666	135.594	696.000	446.000	77/07	77/11
RESIDUE	TOT NFLT	MG/L	3	49.3333	33.5013	73.0000	11.0000	77/07	77/11
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	4	.667500	.202712	.850000	.390000	77/07	77/12
NO3-N	TOTAL	MG/L	4	2.91750	2.45012	6.22000	.540000	77/07	77/12
TOT KJEL	N	MG/L	4	1.62500	.736548	2.70000	1.10000	77/07	77/12
PHOS-TOT		MG/L P	4	1.06000	.622414	1.81000	.300000	77/07	77/12
T ORG C	C	MG/L	2	17.5000	2.12132	19.0000	16.0000	77/07	77/09
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	77/09	77/09
TOT HARD	CACO3	MG/L	3	244.333	56.6602	280.000	179.000	77/07	77/12
CALCIUM	CA-TOT	MG/L	1	80.0000		80.0000	80.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	28.0000		28.0000	28.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	30.1000		30.1000	30.1000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	6.60000		6.60000	6.60000	77/09	77/09
CHLORIDE	CL	MG/L	1	34.0000		34.0000	34.0000	77/09	77/09
SULFATE	SO4-TOT	MG/L	1	88.0000		88.0000	88.0000	77/09	77/09
FLUORIDE	F,DISS	MG/L	1	.260000		.260000	.260000	77/12	77/12
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	77/09	77/12
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
LEAD	PB,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
MANGNESE	MN	UG/L	2	55.0000	7.07107	60.0000	50.0000	77/09	77/12
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	77/09	77/12
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
ZINC	ZN,TOT	UG/L	2	35.0000	7.07107	40.0000	30.0000	77/09	77/12
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	3	1823.33	2498.89	4700.00	190.000	77/07	77/12
FECSTREP	MF M-ENT	/100ML	1	79000.0		79000.0	79000.0	77/12	77/12
PHENOLS	TOTAL	UG/L	1	9.00000		9.00000	9.00000	77/09	77/09
MBAS		MG/L	3	.153333	.045092	.200000	.110000	77/09	77/12
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	77/09	77/12

TABLE RD 1-42

STATION NUMBER 600090
40 04 40.0 084 13 00.0 2
GT. MIAMI R. BL PIQUA
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 108.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	23.0000		23.0000	23.0000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	600.000		600.000	600.000	78/08	78/08
DO		MG/L	1	6.70000		6.70000	6.70000	78/08	78/08
COD	LOWLEVEL	MG/L	1	16.2000		16.2000	16.2000	78/08	78/08
LAB	PH	SU	1	7.80000		7.80000	7.80000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	68.0000		68.0000	68.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.250000		.250000	.250000	78/08	78/08
NO3-N	TOTAL	MG/L	1	1.86000		1.86000	1.86000	78/08	78/08
TOT KJEL	N	MG/L	1	1.34000		1.34000	1.34000	78/08	78/08
PHOS-TOT		MG/L P	1	.730000		.730000	.730000	78/08	78/08
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/08	78/08
TOT HARD	CACO3	MG/L	1	276.000		276.000	276.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1710.00		1710.00	1710.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	22.0000		22.0000	22.0000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	40.0000		40.0000	40.0000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	6.00000		6.00000	6.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-43

STATION NUMBER 610050
39 52 22.0 084 09 51.0 2
GT. MIAMI R NR VANDALIA - SR 440
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 090.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	8	8.68750	7.22069	19.5000	1.00000	78/11	79/06
STREAM	FLOW	CFS	9	3246.89	4084.78	11530.0	137.000	78/10	79/06
CNDUCTVY	AT 25C	MICROMHO	9	673.555	184.541	888.000	333.000	78/10	79/06
DO		MG/L	8	11.1125	2.12163	13.2000	7.10000	78/11	79/06
COD	LOWLEVEL	MG/L	9	16.8889	8.95049	37.0000	7.00000	78/10	79/06
PH		SU	5	7.86000	.219307	8.20000	7.60000	78/12	79/06
LAB	PH	SU	3	7.93333	.208555	8.10000	7.70000	78/11	79/02
RESIDUE	TOT NFLT	MG/L	8	47.8750	52.6862	132.000	10.0000	78/10	79/06
NH3+NH4-	N TOTAL	MG/L	9	.278889	.211154	.820000	.140000	78/10	79/06
NO3-N	TOTAL	MG/L	9	4.87333	2.49709	9.84000	2.46000	78/10	79/06
TOT KJEL	N	MG/L	9	1.14444	.529413	1.90000	.400000	78/10	79/06
PHOS-TOT		MG/L P	9	.435555	.332908	1.02000	.170000	78/10	79/06
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	79/01	79/06
TOT HARD	CACO3	MG/L	3	213.667	82.2762	303.000	141.000	79/01	79/06
FLUORIDE	F,DISS	MG/L	3	.306667	.086217	.400000	.230000	79/01	79/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	79/01	79/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/06
IRON	FE,TOT	UG/L	1	1890.00		1890.00	1890.00	79/06	79/06
LEAD	PB,TOT	UG/L	3	12.6667	3.78596	17.0000	10.0000	79/01	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	79/01	79/06
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/06
FEC COLI	MFM-FCBR	/100ML	7	1207.00	1974.09	5200.00	35.0000	78/12	79/06
PHENOLS	TOTAL	UG/L	3	3.66667	.577359	4.00000	3.00000	79/01	79/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	79/01	79/06

TABLE RD 1-44

STATION NUMBER 610060
39 45 55.0 084 11 51.0 2
GT. MIAMI R AT DAYTON
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 080.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	9.38889	7.56133	22.5000	2.00000	78/10	79/06
STREAM	FLOW	CFS	8	4207.71	4404.25	12300.0	429.200	78/10	79/06
CNDUCTVY	AT 25C	MICROMHO	9	726.666	159.790	890.000	376.000	78/10	79/06
DO		MG/L	9	10.6222	1.93055	12.8000	7.00000	78/10	79/06
COD	LOWLEVEL	MG/L	9	18.6667	9.81073	32.0000	4.00000	78/10	79/06
PH		SU	7	7.88571	.219585	8.20000	7.70000	78/10	79/06
LAB	PH	SU	2	8.05000	.071709	8.10000	8.00000	78/12	79/02
RESIDUE	TOT NFLT	MG/L	8	52.8750	71.0461	221.000	10.0000	78/10	79/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	78/11	78/11
NH3+NH4-	N TOTAL	MG/L	9	.235555	.155653	.540000	.110000	78/10	79/06
NO3-N	TOTAL	MG/L	9	4.43222	2.28703	8.85000	2.23000	78/10	79/06
TOT KJEL	N	MG/L	9	.811111	.314024	1.40000	.500000	78/10	79/06
PHOS-TOT		MG/L P	9	.274444	.173718	.590000	.100000	78/10	79/06
CYANIDE	CN-TOT	MG/L	3	.023333	.023094	.050000	.010000	78/12	79/06
TOT HARD	CACO3	MG/L	3	294.666	117.561	382.000	161.000	78/12	79/06
FLUORIDE	F,DISS	MG/L	3	.303333	.051316	.360000	.260000	78/12	79/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/12	79/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/12	79/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/12	79/06
LEAD	PB,TOT	UG/L	3	10.6667	1.15477	12.0000	10.0000	78/12	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/12	79/06
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/12	79/06
FEC COLI	MFM-FCBR	/100ML	7	929.428	1934.30	5300.00	15.0000	78/12	79/06
PHENOLS	TOTAL	UG/L	3	7.33333	7.57188	16.0000	2.00000	78/12	79/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/12	79/06

TABLE RD 1-45

STATION NUMBER 600150
39 38 40.0 084 17 23.0 2
GT. MIAMI R. AT MIAMISBURG
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 066.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	13.2444	8.81974	30.0000	3.00000	77/07	78/06
STREAM	FLOW	CFS	9	3517.22	5447.35	17800.0	467.000	77/07	78/06
TURB	JKSN	JTU	4	9.45000	6.68605	19.0000	3.40000	77/07	78/01
CNDUCTVY	AT 25C	MICROMHO	9	728.444	138.470	879.000	450.000	77/07	78/06
DO		MG/L	8	8.47499	3.96512	14.0000	1.00000	77/07	78/06
BOD	5 DAY	MG/L	1	6.20000		6.20000	6.20000	77/07	77/07
COD	LOWLEVEL	MG/L	10	20.1400	8.08928	30.0000	8.20000	77/07	78/06
PH		SU	5	7.31999	.497123	7.80000	6.50000	77/07	78/06
LAB	PH	SU	5	7.76000	.207436	8.00000	7.50000	77/12	78/05
T ALK	CACO3	MG/L	1	256.000		256.000	256.000	77/07	77/07
T ACDITY	CACO3	MG/L	1	14.0000		14.0000	14.0000	77/07	77/07
RESIDUE	TOTAL	MG/L	4	543.000	39.7073	597.000	505.000	77/07	78/01
RESIDUE	TOT NFLT	MG/L	7	27.8571	19.6336	62.0000	12.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	10	1.21800	1.23834	4.34000	.200000	77/07	78/06
NO3-N	TOTAL	MG/L	10	3.13699	1.30880	5.05000	.660000	77/07	78/06
TOT KJEL	N	MG/L	9	2.40777	1.64592	6.67000	1.30000	77/07	78/06
PHOS-TOT		MG/L P	10	1.31600	.910606	3.13000	.250000	77/07	78/06
T ORG C	C	MG/L	5	15.8000	6.97855	28.0000	11.0000	77/07	78/01
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	77/12	78/06
TOT HARD	CACO3	MG/L	5	325.200	69.2333	377.000	204.000	77/07	78/06
FLUORIDE	F,DISS	MG/L	3	.363333	.169215	.550000	.220000	77/12	78/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/12	78/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/12	77/12
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/06
COPPER	CU,TOT	UG/L	3	40.0000	10.0000	50.0000	30.0000	77/12	78/06
IRON	FE,TOT	UG/L	2	1315.00	247.487	1490.00	1140.00	78/03	78/06
LEAD	PB,TOT	UG/L	3	6.66667	2.88676	10.0000	5.00000	77/12	78/06
MANGNESE	MN	UG/L	1	50.0000		50.0000	50.0000	77/12	77/12
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/12	78/06
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/12	77/12
ZINC	ZN,TOT	UG/L	2	45.0000	21.2132	60.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	9	43533.3	81395.0	260000	9200.00	77/07	78/06
PHENOLS	TOTAL	UG/L	4	11.2500	13.2004	30.0000	2.00000	77/12	78/06
MBAS		MG/L	3	.220000	.043589	.270000	.190000	77/11	78/01
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-46

STATION NUMBER 600150
39 38 40.0 084 17 23.0 2
GT. MIAMI R. AT MIAMISBURG
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 066.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	13	14.4615	9.13433	26.5000	.000000	78/07	79/06
STREAM	FLOW	CFS	13	4734.53	6694.31	24880.0	671.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	12	743.083	196.983	1030.00	360.000	78/07	79/06
DO		MG/L	13	8.28461	3.62948	14.6000	2.10000	78/07	79/06
BOD	5 DAY	MG/L	1	46.0000		46.0000	46.0000	78/09	78/09
COD	LOWLEVEL	MG/L	12	28.1083	11.3156	58.3000	15.0000	78/07	79/06
PH		SU	8	7.77499	.225347	8.10000	7.40000	78/07	79/06
LAB	PH	SU	4	7.67500	.221901	7.90000	7.40000	78/08	79/03
RESIDUE	TOT NFLT	MG/L	13	84.2308	124.644	470.000	13.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	1.26750	.988434	3.70000	.310000	78/07	79/06
NO3-N	TOTAL	MG/L	12	3.84083	2.39685	9.45000	1.11000	78/07	79/06
TOT KJEL	N	MG/L	12	2.33333	.940348	4.00000	1.00000	78/07	79/06
PHOS-TOT		MG/L P	12	.727499	.594400	1.76000	.150000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	273.750	88.8158	344.000	150.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.462500	.180809	.650000	.240000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	2620.00	2658.72	4500.00	740.000	78/09	79/03
LEAD	PB,TOT	UG/L	4	35.5000	20.4206	60.0000	10.0000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	47.5000	17.0782	70.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	8	16977.1	19292.9	57000.0	102.000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	5.75000	3.30404	10.0000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-47

STATION NUMBER 600270
39 23 28.0 084 34 20.0 2
GT. MIAMI R. AT HAMILTON
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 034.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	10	14.4000	9.30293	33.0000	2.00000	77/07	78/06
STREAM	FLOW	CFS	11	4270.45	6807.26	24200.0	437.000	77/07	78/06
TURB	JKSN	JTU	5	36.8000	36.7315	100.000	10.0000	77/07	78/01
CNDUCTVY	AT 25C	MICROMHO	10	713.100	183.524	1040.00	400.000	77/07	78/06
DO		MG/L	9	9.83333	3.34254	16.0000	5.80000	77/07	78/06
BOD	5 DAY	MG/L	2	7.30000	1.55563	8.40000	6.20000	77/07	77/09
COD	LOWLEVEL	MG/L	11	20.2727	11.2674	40.0000	6.10000	77/07	78/06
PH		SU	6	7.48333	.299495	8.00000	7.20000	77/07	78/06
LAB	PH	SU	5	7.78000	.249022	8.00000	7.40000	77/12	78/05
T ALK	CACO3	MG/L	2	216.000	9.89949	223.000	209.000	77/07	77/09
T ACDITY	CACO3	MG/L	2	9.50000	2.12132	11.0000	8.00000	77/07	77/09
RESIDUE	TOTAL	MG/L	5	635.200	113.349	737.000	499.000	77/07	78/01
RESIDUE	TOT NFLT	MG/L	10	88.5000	138.771	470.000	6.00000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	11	.901818	.798334	3.00000	.230000	77/07	78/06
NO3-N	TOTAL	MG/L	11	3.40545	.953535	4.96000	2.20000	77/07	78/06
TOT KJEL	N	MG/L	10	1.62900	.624828	2.60000	.990000	77/07	78/06
PHOS-TOT		MG/L P	11	1.14364	.890619	2.78000	.080000	77/07	78/06
T ORG C	C	MG/L	6	13.8333	7.13910	25.0000	6.00000	77/07	78/01
CYANIDE	CN-TOT	MG/L	5	.018000	.013038	.040000	.010000	77/09	78/06
TOT HARD	CACO3	MG/L	6	327.166	86.1992	465.000	198.000	77/07	78/06
CALCIUM	CA-TOT	MG/L	1	83.0000		83.0000	83.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	39.0000		39.0000	39.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	76.0000		76.0000	76.0000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	9.30000		9.30000	9.30000	77/09	77/09
CHLORIDE	CL	MG/L	1	112.000		112.000	112.000	77/09	77/09
SULFATE	SO4-TOT	MG/L	1	124.000		124.000	124.000	77/09	77/09
FLUORIDE	F,DISS	MG/L	4	.565000	.418927	1.16000	.230000	77/09	78/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/12	78/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
CHROMIUM	CR,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	77/09	78/06
COPPER	CU,TOT	UG/L	4	55.0000	37.8594	110.000	30.0000	77/09	78/06
IRON	FE,TOT	UG/L	2	2765.00	49.4975	2800.00	2730.00	78/03	78/06
LEAD	PB,TOT	UG/L	4	28.5000	14.0831	44.0000	10.0000	77/09	78/06
MANGNESE	MN	UG/L	2	195.000	106.066	270.000	120.000	77/09	77/12
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	77/09	78/06
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
ZINC	ZN,TOT	UG/L	4	665.000	1126.37	2350.00	40.0000	77/09	78/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	10	4817.00	4813.30	13000.0	330.000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	1	6300.00		6300.00	6300.00	77/09	77/09
PHENOLS	TOTAL	UG/L	5	19.2000	14.5842	38.0000	2.00000	77/09	78/06
MBAS		MG/L	4	.222500	.040311	.280000	.190000	77/09	78/01
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-48

STATION NUMBER 600270
39 23 28.0 084 34 20.0 2
GT. MIAMI R. AT HAMILTON
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 034.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	13.5250	8.69087	25.0000	1.00000	78/07	79/06
STREAM	FLOW	CFS	12	6838.25	8841.14	28260.0	795.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	12	721.500	209.680	1000.00	376.000	78/07	79/06
DO		MG/L	12	9.89999	2.60280	14.2000	5.90000	78/07	79/06
COD	LOWLEVEL	MG/L	12	28.3917	14.5030	60.9000	13.0000	78/07	79/06
PH		SU	8	7.91249	.318305	8.30000	7.50000	78/07	79/06
LAB	PH	SU	4	7.80000	.216224	8.00000	7.50000	78/08	79/03
RESIDUE	TOT NFLT	MG/L	11	174.364	211.724	704.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.678333	.529233	2.06000	.160000	78/07	79/06
NO3-N	TOTAL	MG/L	12	3.75749	1.69826	7.25000	1.59000	78/07	79/06
TOT KJEL	N	MG/L	12	1.95000	.585435	3.00000	.900000	78/07	79/06
PHOS-TOT		MG/L P	12	.659166	.464962	1.60000	.110000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.015000	.005773	.020000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	291.250	88.2019	338.000	159.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.512500	.229983	.820000	.270000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	3350.00	2474.88	5100.00	1600.00	78/09	79/03
LEAD	PB,TOT	UG/L	4	22.5000	2.88675	26.0000	19.0000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	47.5000	15.0000	60.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	8	4735.75	10384.0	30000.0	73.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	8.75000	4.85627	15.0000	4.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-49

STATION NUMBER 600030 (03274600)
39 15 47.0 084 40 04.0 2
Gt. MIAMI R AT NEW BALTIMORE OH
OHIO RIVER (G. MIAMI RIVER)
(RIVER MILE 20.8)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	14.5000	9.94302	30.0000	2.00000	77/07	78/06
TURB	JKSN	JTU	10	24.9000	25.5188	75.0000	1.00000	77/08	78/06
CNDUCTVY	AT 25C	MICROMHO	12	835.666	106.537	1000.00	625.000	77/07	78/06
DO		MG/L	12	8.64999	2.85992	12.9000	4.70000	77/07	78/06
COD	LOWLEVEL	MG/L	2	25.0000	14.1421	35.0000	15.0000	78/05	78/06
PH		SU	12	7.99999	.217580	8.30000	7.60000	77/07	78/06
T ALK	CACO3	MG/L	10	232.000	26.5832	260.000	180.000	77/08	78/06
NH3+NH4-	N TOTAL	MG/L	9	.705556	.536845	1.60000	.100000	77/10	78/06
TOT KJEL	N	MG/L	8	2.26250	1.19036	4.90000	1.20000	77/07	78/06
PHOS-TOT		MG/L P	12	.560833	.240623	1.20000	.290000	77/07	78/06
PHOS-DIS		MG/L P	9	.320000	.127084	.560000	.170000	77/10	78/06
T ORG C	C	MG/L	7	8.04286	2.51387	12.0000	3.50000	77/08	78/06
TOT HARD	CACO3	MG/L	10	339.000	33.8132	370.000	270.000	77/08	78/06
CHLORIDE	CL	MG/L	10	63.8000	21.3584	100.000	30.0000	77/08	78/06
SULFATE	SO4-TOT	MG/L	10	91.8000	14.7561	110.000	61.0000	77/08	78/06
FLUORIDE	F,DISS	MG/L	10	.520000	.239444	1.00000	.200000	77/08	78/06
SILICA	DISOLVED	MG/L	10	6.24000	2.43274	10.0000	2.70000	77/08	78/06
ARSENIC	AS,TOT	UG/L	4	1.75000	.500000	2.00000	1.00000	77/08	78/04
BARIUM	BA,TOT	UG/L	3	33.3333	57.7350	100.000	.000000	77/11	78/04
CADMIUM	CD,TOT	UG/L	4	.250000	.500000	1.00000	.000000	77/08	78/04
CHROMIUM	CR,TOT	UG/L	4	15.0000	5.77350	20.0000	10.0000	77/08	78/04
COPPER	CU,TOT	UG/L	4	12.7500	4.50000	19.0000	9.00000	77/08	78/04
IRON	FE,TOT	UG/L	4	1877.50	1494.66	3700.00	610.000	77/08	78/04
LEAD	PB,TOT	UG/L	4	28.2500	12.0658	46.0000	19.0000	77/08	78/04
MANGNESE	MN	UG/L	4	87.5000	29.8608	130.000	60.0000	77/08	78/04
SILVER	AG,TOT	UG/L	3	.333333	.577350	1.00000	.000000	77/11	78/04
ZINC	ZN,TOT	UG/L	4	105.000	68.5565	200.000	50.0000	77/08	78/04
SELENIUM	SE,TOT	UG/L	4	3.25000	2.62996	7.00000	1.00000	77/08	78/04
PCBS	WHL SMPL	UG/L	2	.000000	.000000	.000000	.000000	78/02	78/05
MERCURY	HG,TOTAL	UG/L	4	.375000	.250000	.500000	.000000	77/08	78/04

TABLE RD 1-50

STATION NUMBER 600030 (03274600)
39 15 47.0 084 40 04.0 2
G MIAMI R AT NEW BALTIMORE OH
OHIO RIVER (G. MIAMI RIVER)
(RIVER MILE 20.8)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	16.4167	8.50356	25.5000	1.50000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	12	748.000	140.568	950.000	483.000	78/07	79/06
DO		MG/L	12	10.1417	2.31536	13.4000	6.20000	78/07	79/06
COD	LOWLEVEL	MG/L	1	39.0000		39.0000	39.0000	78/07	78/07
PH		SU	12	8.11666	.269153	8.60000	7.70000	78/07	79/06
T ALK	CACO3	MG/L	12	213.333	33.1206	260.000	140.000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.369167	.439410	1.70000	.080000	78/07	79/06
TOT KJEL	N	MG/L	12	1.47833	.476821	2.40000	.790001	78/07	79/06
PHOS-TOT		MG/L P	12	.445000	.163513	.700001	.180000	78/07	79/06
PHOS-DIS		MG/L P	12	.270833	.146191	.530000	.120000	78/07	79/06
T ORG C	C	MG/L	8	5.76250	1.09539	7.70000	4.50000	78/08	79/06
TOT HARD	CACO3	MG/L	11	322.727	57.8100	420.000	210.000	78/07	79/06
CHLORIDE	CL	MG/L	12	53.6667	20.1555	90.0000	28.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	12	77.4167	21.4073	120.000	46.0000	78/07	79/06
FLUORIDE	F,DISS	MG/L	12	.383333	.174946	.800000	.200000	78/07	79/06
SILICA	DISOLVED	MG/L	12	5.33333	2.13727	7.80000	1.30000	78/07	79/06
ARSENIC	AS,TOT	UG/L	4	1.75000	.500000	2.00000	1.00000	78/07	79/04
BARIUM	BA,TOT	UG/L	4	100.000	.000000	100.000	100.000	78/07	79/04
CADMIUM	CD,TOT	UG/L	4	2.75000	2.21735	5.00000	.000000	78/07	79/04
CHROMIUM	CR,TOT	UG/L	4	12.5000	5.00000	20.0000	10.0000	78/07	79/04
COPPER	CU,TOT	UG/L	4	17.2500	9.60469	29.0000	8.00000	78/07	79/04
IRON	FE,TOT	UG/L	4	3775.00	3750.89	9000.00	1000.00	78/07	79/04
LEAD	PB,TOT	UG/L	4	57.7500	29.3867	99.9998	35.0000	78/07	79/04
MANGNESE	MN	UG/L	4	132.500	66.0177	210.000	60.0000	78/07	79/04
SILVER	AG,TOT	UG/L	4	.750000	.957427	2.00000	.000000	78/07	79/04
ZINC	ZN,TOT	UG/L	4	70.0000	11.5470	80.0000	60.0000	78/07	79/04
SELENIUM	SE,TOT	UG/L	4	.750000	.500000	1.00000	.000000	78/07	79/04
PCBS	WHL SMPL	UG/L	4	.000000	.000000	.000000	.000000	78/08	79/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/07	79/04

TABLE RD 1-51

STATION NUMBER 600030
39 15 47.0 084 40 04.0 2
GT. MIAMI AT NEW BALTIMORE
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 020.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	14.5000	8.28151	24.0000	3.00000	77/07	78/01
TURB	JKSN	JTU	6	21.5333	12.1370	36.0000	4.20000	77/07	78/01
CNDUCTVY	AT 25C	MICROMHO	5	784.200	150.670	952.000	563.000	77/07	78/01
DO		MG/L	7	9.07143	3.20766	13.6000	4.80000	77/07	78/01
BOD	5 DAY	MG/L	3	8.20000	1.63709	9.60000	6.40000	77/07	77/09
COD	LOWLEVEL	MG/L	6	21.8500	7.70035	33.0000	10.1000	77/07	78/01
PH		SU	4	7.32499	.359559	7.60000	6.80000	77/07	78/01
LAB	PH	SU	3	7.43333	.321667	7.80000	7.20000	77/08	77/12
T ALK	CACO3	MG/L	2	227.000	4.24264	230.000	224.000	77/07	77/09
T ACDITY	CACO3	MG/L	2	13.5000	4.94975	17.0000	10.0000	77/07	77/09
RESIDUE	TOTAL	MG/L	6	566.333	96.3639	677.000	455.000	77/07	78/01
RESIDUE	TOT NFLT	MG/L	5	47.4000	26.7077	74.0000	13.0000	77/07	78/01
NH3+NH4-	N TOTAL	MG/L	7	.542857	.428241	1.18000	.050000	77/07	78/01
NO3-N	TOTAL	MG/L	7	3.17571	1.09852	4.93000	1.68000	77/07	78/01
TOT KJEL	N	MG/L	7	1.73286	.608458	3.00000	1.20000	77/07	78/01
PHOS-TOT		MG/L P	7	1.04857	.410709	1.78000	.520000	77/07	78/01
T ORG C	C	MG/L	7	11.5714	3.50511	17.0000	8.00000	77/07	78/01
CYANIDE	CN-TOT	MG/L	2	.025000	.007071	.030000	.020000	77/12	78/01
TOT HARD	CACO3	MG/L	4	339.000	31.9479	365.000	294.000	77/07	78/01
FLUORIDE	F,DISS	MG/L	1	.320000		.320000	.320000	77/12	77/12
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/12	77/12
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/12	77/12
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/12	77/12
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/12	77/12
LEAD	PB,TOT	UG/L	1	33.0000		33.0000	33.0000	77/12	77/12
MANGNESE	MN	UG/L	1	70.0000		70.0000	70.0000	77/12	77/12
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	77/12	77/12
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/12	77/12
ZINC	ZN,TOT	UG/L	1	80.0000		80.0000	80.0000	77/12	77/12
FEC COLI	MFM-FCBR	/100ML	6	5610.00	5538.33	14000.0	80.0000	77/07	78/01
PHENOLS	TOTAL	UG/L	2	20.5000	6.36396	25.0000	16.0000	77/12	78/01
MBAS		MG/L	5	.242000	.060993	.310000	.160000	77/07	78/01
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	77/12	77/12

TABLE RD 1-52

STATION NUMBER 600300
39 09 10.0 084 47 44.0 2
GT. MIAMI NR LAWRENCEBURG IND.
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 005.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	13.5222	9.33967	30.0000	1.00000	77/07	78/06
TURB	JKSN	JTU	5	29.0200	16.9072	44.0000	6.10000	77/07	78/01
CNDUCTVY	AT 25C	MICROMHO	10	634.100	121.297	800.000	400.000	77/07	78/06
DO		MG/L	8	9.88749	2.82916	14.2000	6.60000	77/07	78/06
BOD	5 DAY	MG/L	2	6.80000	1.69706	8.00000	5.60000	77/07	77/08
COD	LOWLEVEL	MG/L	10	17.6600	8.57105	32.0000	4.00000	77/07	78/06
PH		SU	4	7.35000	.624520	8.00000	6.50000	77/07	78/06
LAB	PH	SU	6	7.68333	.256459	8.00000	7.40000	77/08	78/05
T ALK	CACO3	MG/L	1	221.000		221.000	221.000	77/07	77/07
T ACDITY	CACO3	MG/L	1	2.00000		2.00000	2.00000	77/07	77/07
RESIDUE	TOTAL	MG/L	5	547.800	70.9119	618.000	447.000	77/07	78/01
RESIDUE	TOT NFLT	MG/L	10	49.7000	29.6050	92.0000	13.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	10	.648000	.557012	1.63000	.050000	77/07	78/06
NO3-N	TOTAL	MG/L	10	3.56300	.912470	4.95000	2.21000	77/07	78/06
TOT KJEL	N	MG/L	9	1.50000	.803117	3.40000	.600000	77/07	78/06
PHOS-TOT		MG/L P	10	.940000	.874922	2.84000	.200000	77/07	78/06
T ORG C	C	MG/L	5	13.2000	4.20715	18.0000	7.00000	77/07	78/01
CYANIDE	CN-TOT	MG/L	4	.012500	.005000	.020000	.010000	77/12	78/06
TOT HARD	CACO3	MG/L	5	290.400	62.3408	361.000	196.000	77/07	78/06
FLUORIDE	F,DISS	MG/L	3	.273333	.055075	.330000	.220000	77/12	78/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/12	78/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/12	77/12
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/06
IRON	FE,TOT	UG/L	2	1375.00	332.340	1610.00	1140.00	78/03	78/06
LEAD	PB,TOT	UG/L	3	9.33333	7.50556	18.0000	5.00000	77/12	78/06
MANGNESE	MN	UG/L	1	80.0000		80.0000	80.0000	77/12	77/12
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/12	78/06
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/12	77/12
ZINC	ZN,TOT	UG/L	3	50.0000	34.6410	90.0000	30.0000	77/12	78/06
FEC COLI	MFM-FCBR	/100ML	9	3222.22	4131.85	12000.0	90.0000	77/07	78/06
PHENOLS	TOTAL	UG/L	4	11.7500	13.6717	31.0000	2.00000	77/12	78/06
MBAS		MG/L	4	.190000	.050332	.260000	.140000	77/08	78/01
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-53

STATION NUMBER 600300
39 09 10.0 084 47 44.0 2
GT. MIAMI NR LAWRENCEBURG IND.
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 005.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	21.2500	1.76777	22.5000	20.0000	78/07	78/08
CNDUCTVY	AT 25C	MICROMHO	2	610.000	127.279	700.000	520.000	78/07	78/08
DO		MG/L	2	7.15000	1.90919	8.50000	5.80000	78/07	78/08
COD	LOWLEVEL	MG/L	2	16.1500	2.75771	18.1000	14.2000	78/07	78/08
PH		SU	2	7.25000	.353553	7.50000	7.00000	78/07	78/08
LAB	PH	SU	1	8.00000		8.00000	8.00000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	2	64.5000	20.5061	79.0000	50.0000	78/07	78/08
NH3+NH4-	N TOTAL	MG/L	2	.050000	.000061	.050000	.050000	78/07	78/08
NO3-N	TOTAL	MG/L	2	2.93000	.452552	3.25000	2.61000	78/07	78/08
TOT KJEL	N	MG/L	2	.700000	.141423	.800000	.600000	78/07	78/08
PHOS-TOT		MG/L P	2	.560000	.296985	.770000	.350000	78/07	78/08
FEC COLI	MFM-FCBR	/100ML	2	1400.00	.000000	1400.00	1400.00	78/07	78/08

TABLE RD 1-54

STATION NUMBER 600350
39 55 32.0 083 50 53.0 2
BUCK CREEK AT SPRINGFIELD
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 080.70 026.50 000.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	19.5000	3.53553	22.0000	17.0000	77/08	77/09
TURB	JKSN	JTU	3	2.66667	1.33167	3.80000	1.20000	77/08	77/11
CNDUCTVY	AT 25C	MICROMHO	2	665.000	43.8406	696.000	634.000	77/08	77/09
DO		MG/L	3	11.9000	4.41929	17.0000	9.20000	77/08	77/11
BOD	5 DAY	MG/L	2	1.10000	.141426	1.20000	1.00000	77/08	77/09
COD	LOWLEVEL	MG/L	3	10.3333	7.09461	18.0000	4.00000	77/08	77/11
PH		SU	1	9.40000		9.40000	9.40000	77/11	77/11
LAB	PH	SU	2	7.80000	.282873	8.00000	7.60000	77/08	77/09
T ALK	CACO3	MG/L	1	266.000		266.000	266.000	77/09	77/09
T ACDITY	CACO3	MG/L	1	11.0000		11.0000	11.0000	77/09	77/09
RESIDUE	TOTAL	MG/L	2	438.000	14.1421	448.000	428.000	77/09	77/11
RESIDUE	TOT NFLT	MG/L	2	7.50000	4.94975	11.0000	4.00000	77/09	77/11
NH3+NH4-	N TOTAL	MG/L	3	.180000	.095394	.290000	.120000	77/08	77/11
NO3-N	TOTAL	MG/L	3	1.09667	.055070	1.15000	1.04000	77/08	77/11
TOT KJEL	N	MG/L	3	.666666	.642910	1.40000	.200000	77/08	77/11
PHOS-TOT		MG/L P	3	.116667	.115470	.250000	.050000	77/08	77/11
T ORG C	C	MG/L	2	10.0000	5.65685	14.0000	6.00000	77/08	77/09
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	77/09	77/09
TOT HARD	CACO3	MG/L	1	347.000		347.000	347.000	77/09	77/09
CHLORIDE	CL	MG/L	1	29.0000		29.0000	29.0000	77/09	77/09
SULFATE	SO4-TOT	MG/L	1	72.0000		72.0000	72.0000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	3	3933.33	2891.94	7200.00	1700.00	77/08	77/11
FECSTREP	MF M-ENT	/100ML	1	1100.00		1100.00	1100.00	77/09	77/09
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	77/09	77/09
MBAS		MG/L	2	.065000	.007072	.070000	.060000	77/08	77/09

TABLE RD 1-55

STATION NUMBER 600350
39 55 32.0 083 50 53.0 2
BUCK CREEK AT SPRINGFIELD
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 080.70 026.50 000.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	10.0500	7.20949	19.5000	3.00000	78/09	79/04
CNDUCTVY	AT 25C	MICROMHO	4	587.250	34.5977	629.000	550.000	78/09	79/04
DO		MG/L	4	10.3500	1.46175	12.4000	9.30000	78/09	79/04
COD	LOWLEVEL	MG/L	4	14.5500	3.36700	18.0000	10.1000	78/09	79/04
PH		SU	2	8.05000	.212451	8.20000	7.90000	78/09	79/04
LAB	PH	SU	2	8.05000	.071709	8.10000	8.00000	78/10	79/01
RESIDUE	TOT NFLT	MG/L	4	35.5000	36.7831	87.0000	9.00000	78/09	79/04
NH3+NH4-	N TOTAL	MG/L	3	.130000	.075498	.200000	.050000	78/09	79/04
NO3-N	TOTAL	MG/L	4	2.25000	1.45803	4.01000	.810000	78/09	79/04
TOT KJEL	N	MG/L	4	.700000	.346410	1.20000	.400000	78/09	79/04
PHOS-TOT		MG/L P	4	.130000	.076158	.230000	.050000	78/09	79/04
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/04
TOT HARD	CACO3	MG/L	4	285.500	29.0459	316.000	246.000	78/09	79/04
FLUORIDE	F,DISS	MG/L	4	.220000	.053541	.290000	.160000	78/09	79/04
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/04
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/04
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/04
IRON	FE,TOT	UG/L	1	240.000		240.000	240.000	78/09	78/09
LEAD	PB,TOT	UG/L	4	20.0000	8.75595	31.0000	12.0000	78/09	79/04
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/04
ZINC	ZN,TOT	UG/L	4	45.0000	30.0000	90.0000	30.0000	78/09	79/04
FEC COLI	MFM-FCBR	/100ML	3	5432.00	9152.18	16000.0	128.000	78/09	79/04
PHENOLS	TOTAL	UG/L	4	3.75000	2.21736	7.00000	2.00000	78/09	79/04
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/04

TABLE RD 1-56

STATION NUMBER 600250
39 28 26.0 084 23 51.0 2
DICKS CREEK NEAR EXCELLO
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 046.80 002.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	17.1111	8.93653	30.0000	5.00000	77/07	78/06
TURB	JKSN	JTU	6	25.7333	22.8846	68.0000	7.40000	77/07	78/01
CNDUCTVY	AT 25C	MICROMHO	10	1133.50	309.461	1530.00	629.000	77/07	78/06
DO		MG/L	9	7.26666	2.67816	14.0000	5.40000	77/07	78/06
BOD	5 DAY	MG/L	3	5.20000	2.77308	8.40000	3.50000	77/07	77/09
COD	LOWLEVEL	MG/L	10	13.6800	5.86815	22.0000	6.10000	77/07	78/06
PH		SU	5	7.39999	.552372	7.80000	6.70000	77/07	78/06
LAB	PH	SU	6	7.41666	.507656	8.00000	6.60000	77/08	78/05
T ALK	CACO3	MG/L	2	122.500	3.53553	125.000	120.000	77/07	77/09
T ACDITY	CACO3	MG/L	2	10.5000	3.53553	13.0000	8.00000	77/07	77/09
RESIDUE	TOTAL	MG/L	6	879.500	277.372	1280.00	548.000	77/07	78/01
RESIDUE	TOT NFLT	MG/L	10	30.5000	28.9453	109.000	9.00000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	11	2.24454	1.78657	6.80000	.560000	77/07	78/06
NO3-N	TOTAL	MG/L	11	2.73181	.624841	4.00000	1.75000	77/07	78/06
TOT KJEL	N	MG/L	10	2.64000	.992426	3.90000	1.10000	77/07	78/06
PHOS-TOT		MG/L P	11	.926363	.780542	2.85000	.050000	77/07	78/06
T ORG C	C	MG/L	6	9.16667	3.97074	15.0000	3.00000	77/07	78/01
CYANIDE	CN-TOT	MG/L	5	.036000	.015166	.060000	.020000	77/09	78/06
TOT HARD	CACO3	MG/L	6	430.166	119.481	602.000	310.000	77/07	78/06
CALCIUM	CA-TOT	MG/L	1	89.0000		89.0000	89.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	29.0000		29.0000	29.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	84.0000		84.0000	84.0000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	11.5000		11.5000	11.5000	77/09	77/09
CHLORIDE	CL	MG/L	1	174.000		174.000	174.000	77/09	77/09
SULFATE	SO4-TOT	MG/L	1	108.000		108.000	108.000	77/09	77/09
FLUORIDE	F,DISS	MG/L	4	2.74500	2.75263	6.80000	.750000	77/09	78/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	3	8.66667	6.35086	16.0000	5.00000	77/12	78/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/09	78/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/09	78/06
IRON	FE,TOT	UG/L	2	1410.00	608.112	1840.00	980.000	78/03	78/06
LEAD	PB,TOT	UG/L	4	32.5000	34.3074	78.0000	6.00000	77/09	78/06
MANGNESE	MN	UG/L	2	210.000	42.4264	240.000	180.000	77/09	77/12
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	77/09	78/06
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
ZINC	ZN,TOT	UG/L	4	3117.50	5760.11	11750.0	30.0000	77/09	78/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	10	1501.40	2815.77	7800.00	4.00000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	1	88000.0		88000.0	88000.0	77/09	77/09
PHENOLS	TOTAL	UG/L	5	32.8000	23.2530	60.0000	6.00000	77/09	78/06
MBAS		MG/L	5	.274000	.098642	.430000	.180000	77/08	78/01
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-57

STATION NUMBER 600250
39 28 26.0 084 23 51.0 2
DICKS CREEK NEAR EXCELLO
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 046.80 002.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	14.8917	8.45549	25.5000	2.50000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	13	1243.31	385.765	1840.00	579.000	78/07	79/06
DO		MG/L	12	8.97500	2.50241	14.0000	5.60000	78/07	79/06
BOD	5 DAY	MG/L	1	2.00000		2.00000	2.00000	78/07	78/07
COD	LOWLEVEL	MG/L	13	24.1154	33.5968	135.000	6.00000	78/07	79/06
PH		SU	8	7.55000	.311718	8.00000	7.10000	78/07	79/06
LAB	PH	SU	5	7.51999	.593390	7.90000	6.50000	78/07	79/03
RESIDUE	TOTAL	MG/L	1	1250.00		1250.00	1250.00	78/07	78/07
RESIDUE	TOT NFLT	MG/L	13	61.9231	98.4746	311.000	8.00000	78/07	79/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	78/11	78/11
NH3+NH4-	N TOTAL	MG/L	13	4.92845	9.19674	27.0000	.360000	78/07	79/06
NO3-N	TOTAL	MG/L	13	2.62923	.501878	3.75000	1.99000	78/07	79/06
TOT KJEL	N	MG/L	13	2.46153	1.97296	8.10000	.800000	78/07	79/06
PHOS-TOT		MG/L P	13	.460000	.338796	1.20000	.160000	78/07	79/06
T ORG C	C	MG/L	1	10.0000		10.0000	10.0000	78/07	78/07
CYANIDE	CN-TOT	MG/L	5	.038000	.017889	.050000	.010000	78/07	79/06
TOT HARD	CACO3	MG/L	4	455.500	106.209	575.000	366.000	78/09	79/06
CHLORIDE	CL	MG/L	1	294.000		294.000	294.000	78/07	78/07
SULFATE	SO4-TOT	MG/L	1	281.000		281.000	281.000	78/07	78/07
FLUORIDE	F,DISS	MG/L	5	3.81600	3.89249	10.5000	.710000	78/07	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/06
IRON	FE,TOT	UG/L	2	590.000	169.706	710.000	470.000	78/07	78/09
LEAD	PB,TOT	UG/L	5	16.4000	6.30875	23.0000	7.00000	78/07	79/06
NICKEL	NI,TOTAL	UG/L	5	100.000	.000000	100.000	100.000	78/07	79/06
ZINC	ZN,TOT	UG/L	5	2182.00	3983.20	9300.00	220.000	78/07	79/06
FEC COLI	MFM-FCBR	/100ML	8	2319.25	4575.30	13000.0	25.0000	78/07	79/05
PHENOLS	TOTAL	UG/L	4	45.2500	62.2435	138.000	7.00000	78/07	79/03
MBAS		MG/L	1	.340000		.340000	.340000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-58

STATION NUMBER 600260
39 26 36.0 084 32 50.0 2
FOUR MILE CRK. AT NEW MIAMI
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 037.50 000.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	12.8857	7.35469	22.0000	2.00000	77/07	78/06
TURB	JKSN	JTU	4	1.80000	.424266	2.30000	1.40000	77/07	77/11
CNDUCTVY	AT 25C	MICROMHO	6	564.333	119.259	700.000	350.000	77/07	78/06
DO		MG/L	7	9.07142	.962154	10.5000	8.00000	77/07	78/06
BOD	5 DAY	MG/L	3	1.46667	.416332	1.80000	1.00000	77/07	77/09
COD	LOWLEVEL	MG/L	6	11.2000	7.66811	24.2000	4.00000	77/07	78/06
PH		SU	2	6.95000	.070745	7.00000	6.90000	77/07	78/03
LAB	PH	SU	3	7.63333	.057939	7.70000	7.60000	77/08	78/06
T ALK	CACO3	MG/L	2	224.500	.707107	225.000	224.000	77/07	77/09
T ACDITY	CACO3	MG/L	2	14.5000	.707107	15.0000	14.0000	77/07	77/09
RESIDUE	TOTAL	MG/L	3	425.333	25.6990	455.000	410.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	6	19.6667	35.2004	91.0000	1.00000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	6	.200000	.072938	.340000	.140000	77/07	78/06
NO3-N	TOTAL	MG/L	6	1.93833	.967068	3.25000	1.04000	77/07	78/06
TOT KJEL	N	MG/L	6	.605000	.514344	1.60000	.200000	77/07	78/06
PHOS-TOT		MG/L P	6	.243333	.185221	.490000	.050000	77/07	78/06
T ORG C	C	MG/L	4	7.00000	4.24264	10.0000	1.00000	77/07	77/11
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	78/03	78/06
TOT HARD	CACO3	MG/L	4	276.000	53.5848	310.000	196.000	77/07	78/06
FLUORIDE	F,DISS	MG/L	2	.200000	.028285	.220000	.180000	78/03	78/06
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
COPPER	CU,TOT	UG/L	2	90.0000	84.8528	150.000	30.0000	78/03	78/06
IRON	FE,TOT	UG/L	1	100.000		100.000	100.000	78/06	78/06
LEAD	PB,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	6	5240.00	5156.60	12000.0	110.000	77/07	78/06
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	78/03	78/06
MBAS		MG/L	3	.063333	.005774	.070000	.060000	77/07	77/11
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/06

TABLE RD 1-59

STATION NUMBER 600260
39 26 36.0 084 32 50.0 2
FOUR MILE CRK. AT NEW MIAMI
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 037.50 000.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	10.6750	8.66155	19.2000	.000000	78/09	79/05
CNDUCTVY	AT 25C	MICROMHO	4	664.000	96.4987	804.000	600.000	78/09	79/05
DO		MG/L	4	10.1500	1.73111	12.6000	8.60000	78/09	79/05
COD	LOWLEVEL	MG/L	4	9.52500	2.47035	12.0000	6.10000	78/09	79/05
PH		SU	3	7.70000	.100239	7.80000	7.60000	78/09	79/05
LAB	PH	SU	1	7.90000		7.90000	7.90000	79/02	79/02
RESIDUE	TOT NFLT	MG/L	4	8.50000	1.91485	10.0000	6.00000	78/09	79/05
NH3+NH4-	N TOTAL	MG/L	4	.127500	.089582	.210000	.050000	78/09	79/05
NO3-N	TOTAL	MG/L	4	3.08250	1.20306	4.82000	2.08000	78/09	79/05
TOT KJEL	N	MG/L	4	.500000	.270801	.900000	.300000	78/09	79/05
PHOS-TOT		MG/L P	4	.142500	.017079	.160000	.120000	78/09	79/05
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/05
TOT HARD	CACO3	MG/L	4	317.750	25.9406	350.000	293.000	78/09	79/05
FLUORIDE	F,DISS	MG/L	4	.260000	.040827	.320000	.230000	78/09	79/05
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/05
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
IRON	FE,TOT	UG/L	1	160.000		160.000	160.000	78/09	78/09
LEAD	PB,TOT	UG/L	4	42.5000	73.0137	152.000	5.00000	78/09	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/05
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
FEC COLI	MFM-FCBR	/100ML	3	1630.00	1968.17	3900.00	400.000	78/09	79/05
PHENOLS	TOTAL	UG/L	4	2.00000	.000000	2.00000	2.00000	78/09	79/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/05

TABLE RD 1-60

STATION NUMBER 600060
40 06 32.0 084 22 22.0 2
GREENVILLE CRK. NEAR COVINGTON
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 081.70 032.60 003.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	21.2500	3.86221	25.0000	16.0000	77/07	78/06
TURB	JKSN	JTU	4	6.80000	4.52917	12.0000	1.30000	77/07	77/11
CNDUCTVY	AT 25C	MICROMHO	5	608.600	146.526	807.000	400.000	77/07	78/06
DO		MG/L	3	8.66666	.550920	9.30000	8.30000	77/07	77/09
BOD	5 DAY	MG/L	3	2.63333	1.34288	3.60000	1.10000	77/07	77/09
COD	LOWLEVEL	MG/L	5	17.6400	6.54549	26.0000	8.00000	77/07	78/06
PH		SU	1	8.20000		8.20000	8.20000	77/07	77/07
LAB	PH	SU	4	7.77500	.170881	8.00000	7.60000	77/08	78/06
T ALK	CACO3	MG/L	2	249.500	6.36396	254.000	245.000	77/07	77/09
T ACDITY	CACO3	MG/L	2	6.00000	2.82843	8.00000	4.00000	77/07	77/09
RESIDUE	TOTAL	MG/L	3	444.000	94.3186	524.000	340.000	77/07	78/03
RESIDUE	TOT NFLT	MG/L	4	26.5000	12.4499	40.0000	12.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	6	.166667	.214258	.600000	.050000	77/07	78/06
NO3-N	TOTAL	MG/L	6	2.54667	1.75231	5.23000	.080000	77/07	78/06
TOT KJEL	N	MG/L	6	.916666	.549242	1.80000	.100000	77/07	78/06
PHOS-TOT		MG/L P	6	.648333	.393214	1.32000	.230000	77/07	78/06
T ORG C	C	MG/L	3	9.33333	5.68626	14.0000	3.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/09	78/06
TOT HARD	CACO3	MG/L	3	307.333	76.2918	361.000	220.000	77/09	78/06
CHLORIDE	CL	MG/L	1	25.0000		25.0000	25.0000	77/09	77/09
SULFATE	SO4-TOT	MG/L	1	112.000		112.000	112.000	77/09	77/09
FLUORIDE	F,DISS	MG/L	2	.260000	.084852	.320000	.200000	78/03	78/06
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
IRON	FE,TOT	UG/L	1	1320.00		1320.00	1320.00	78/06	78/06
LEAD	PB,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
MANGNESE	MN	UG/L	1	50.0000		50.0000	50.0000	78/03	78/03
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	6	825.000	702.674	1900.00	100.000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	1	1000.00		1000.00	1000.00	77/09	77/09
PHENOLS	TOTAL	UG/L	3	2.00000	.000000	2.00000	2.00000	77/09	78/06
MBAS		MG/L	4	.120000	.014142	.140000	.110000	77/07	78/03
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/06

TABLE RD 1-61

STATION NUMBER 600060
40 06 32.0 084 22 22.0 2
GREENVILLE CRK. NEAR COVINGTON
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 081.70 032.60 003.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	9.57500	7.20109	19.8000	3.00000	78/09	79/04
CNDUCTVY	AT 25C	MICROMHO	4	611.000	112.152	700.000	467.000	78/09	79/04
DO		MG/L	4	11.3250	1.95173	13.0000	8.70000	78/09	79/04
COD	LOWLEVEL	MG/L	4	23.3500	12.3155	38.0000	12.1000	78/09	79/04
PH		SU	2	7.90000	.424255	8.20000	7.60000	78/09	79/04
LAB	PH	SU	2	8.00000	.282846	8.20000	7.80000	78/10	79/01
RESIDUE	TOT NFLT	MG/L	4	125.750	173.617	376.000	3.00000	78/09	79/04
NH3+NH4-	N TOTAL	MG/L	3	.150000	.043589	.200000	.120000	78/09	79/04
NO3-N	TOTAL	MG/L	4	3.60000	2.71326	6.58000	1.03000	78/09	79/04
TOT KJEL	N	MG/L	4	.850000	.591608	1.70000	.400000	78/09	79/04
PHOS-TOT		MG/L P	4	.325000	.087370	.390000	.200000	78/09	79/04
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/04
TOT HARD	CACO3	MG/L	4	310.000	89.5879	398.000	208.000	78/09	79/04
FLUORIDE	F,DISS	MG/L	4	.265000	.066081	.310000	.170000	78/09	79/04
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/04
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/04
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/04
IRON	FE,TOT	UG/L	1	540.000		540.000	540.000	78/09	78/09
LEAD	PB,TOT	UG/L	4	26.5000	17.8419	48.0000	6.00000	78/09	79/04
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/04
ZINC	ZN,TOT	UG/L	4	37.5000	15.0000	60.0000	30.0000	78/09	79/04
FEC COLI	MFM-FCBR	/100ML	4	163.750	130.175	350.000	48.0000	78/09	79/04
PHENOLS	TOTAL	UG/L	4	5.25000	2.36291	7.00000	2.00000	78/09	79/04
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/04

TABLE RD 1-62

STATION NUMBER 600280
39 20 28.0 084 37 46.0 2
INDIAN CREEK NEAR ROSS
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 027.70 001.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	5	12.3600	8.95255	25.0000	3.00000	77/08	78/06
TURB	JKSN	JTU	2	1.25000	.353553	1.50000	1.00000	77/08	77/11
CNDUCTVY	AT 25C	MICROMHO	4	549.250	147.204	700.000	350.000	77/08	78/06
DO		MG/L	5	9.84000	1.72716	12.2000	7.50000	77/08	78/06
BOD	5 DAY	MG/L	1	1.40000		1.40000	1.40000	77/08	77/08
COD	LOWLEVEL	MG/L	4	9.07500	8.86693	22.3000	4.00000	77/08	78/06
PH		SU	1	7.00000		7.00000	7.00000	78/03	78/03
LAB	PH	SU	3	7.80000	.100505	7.90000	7.70000	77/08	78/06
RESIDUE	TOTAL	MG/L	1	400.000		400.000	400.000	77/08	77/08
RESIDUE	TOT NFLT	MG/L	4	67.0000	124.724	254.000	2.00000	77/08	78/06
NH3+NH4-	N TOTAL	MG/L	4	.315000	.394419	.900000	.060000	77/08	78/06
NO3-N	TOTAL	MG/L	4	2.05000	1.55553	3.71000	.220000	77/08	78/06
TOT KJEL	N	MG/L	4	.775000	.713559	1.80000	.200000	77/08	78/06
PHOS-TOT		MG/L P	4	.275000	.242281	.610000	.050000	77/08	78/06
T ORG C	C	MG/L	2	7.00000	7.07107	12.0000	2.00000	77/08	77/11
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	78/03	78/06
TOT HARD	CACO3	MG/L	2	267.000	69.2965	316.000	218.000	78/03	78/06
FLUORIDE	F,DISS	MG/L	2	.170000	.000000	.170000	.170000	78/03	78/06
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
IRON	FE,TOT	UG/L	1	100.000		100.000	100.000	78/06	78/06
LEAD	PB,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	4	1012.50	1034.26	2400.00	160.000	77/08	78/06
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	78/03	78/06
MBAS		MG/L	2	.050000	.000061	.050000	.050000	77/08	77/11
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/06

TABLE RD 1-63

STATION NUMBER 600280
39 20 28.0 084 37 46.0 2
INDIAN CREEK NEAR ROSS
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 027.70 001.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	10.7250	8.95148	19.2000	.000000	78/09	79/05
CNDUCTVY	AT 25C	MICROMHO	4	664.750	105.696	821.000	600.000	78/09	79/05
DO		MG/L	4	10.6500	2.00749	13.5000	8.80000	78/09	79/05
COD	LOWLEVEL	MG/L	4	9.52500	4.64427	15.0000	4.00000	78/09	79/05
PH		SU	3	7.86666	.251900	8.10000	7.60000	78/09	79/05
LAB	PH	SU	1	8.10000		8.10000	8.10000	79/02	79/02
RESIDUE	TOT NFLT	MG/L	4	8.25000	2.06155	10.0000	6.00000	78/09	79/05
NH3+NH4-	N TOTAL	MG/L	4	.087500	.075000	.200000	.050000	78/09	79/05
NO3-N	TOTAL	MG/L	4	3.37250	1.16700	5.06000	2.49000	78/09	79/05
TOT KJEL	N	MG/L	4	.375000	.095744	.500000	.300000	78/09	79/05
PHOS-TOT		MG/L P	4	.060000	.020000	.090000	.050000	78/09	79/05
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	78/09	79/05
TOT HARD	CACO3	MG/L	4	336.750	32.9381	375.000	302.000	78/09	79/05
FLUORIDE	F,DISS	MG/L	4	.215000	.051961	.290000	.170000	78/09	79/05
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/05
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
IRON	FE,TOT	UG/L	1	180.000		180.000	180.000	78/09	78/09
LEAD	PB,TOT	UG/L	4	16.0000	18.8149	44.0000	5.00000	78/09	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/05
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
FEC COLI	MFM-FCBR	/100ML	3	357.333	190.477	560.000	182.000	78/09	79/05
PHENOLS	TOTAL	UG/L	4	2.00000	.000000	2.00000	2.00000	78/09	79/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/05

TABLE RD 1-64

STATION NUMBER 600320
40 11 39.0 084 14 29.0 2
LORAMIE CREEK NR. LOCKINGTON
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 118.80 000.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	5	16.2000	11.1669	28.0000	4.00000	77/07	78/06
STREAM	FLOW	CFS	4	614.250	1157.25	2350.00	20.0000	77/07	78/06
TURB	JKSN	JTU	3	14.9333	11.8749	28.0000	4.80000	77/07	77/11
CNDUCTVY	AT 25C	MICROMHO	5	643.800	274.670	978.000	250.000	77/07	78/06
DO		MG/L	3	10.1000	4.24619	15.0000	7.50000	77/07	77/11
BOD	5 DAY	MG/L	2	4.10000	.848538	4.70000	3.50000	77/07	77/09
COD	LOWLEVEL	MG/L	5	27.6600	10.8473	42.0000	16.1000	77/07	78/06
PH		SU	1	7.40000		7.40000	7.40000	77/07	77/07
LAB	PH	SU	4	8.25000	.834732	9.40000	7.50000	77/09	78/06
T ALK	CACO3	MG/L	2	209.500	44.5477	241.000	178.000	77/07	77/09
T ACDITY	CACO3	MG/L	2	21.5000	20.5061	36.0000	7.00000	77/07	77/09
RESIDUE	TOTAL	MG/L	4	492.250	216.737	742.000	222.000	77/07	78/03
RESIDUE	TOT NFLT	MG/L	5	28.0000	15.0499	44.0000	5.00000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	.500000		.500000	.500000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	5	.170000	.146969	.350000	.050000	77/07	78/06
NO3-N	TOTAL	MG/L	5	2.61200	1.69909	4.82000	.740000	77/07	78/06
TOT KJEL	N	MG/L	5	1.08600	.639516	1.90000	.230000	77/07	78/06
PHOS-TOT		MG/L P	5	.652000	.597512	1.53000	.070000	77/07	78/06
T ORG C	C	MG/L	2	15.5000	.707107	16.0000	15.0000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/09	78/06
TOT HARD	CACO3	MG/L	4	282.500	113.212	394.000	130.000	77/07	78/06
CALCIUM	CA-TOT	MG/L	1	74.0000		74.0000	74.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	25.0000		25.0000	25.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	18.0000		18.0000	18.0000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	6.80000		6.80000	6.80000	77/09	77/09
CHLORIDE	CL	MG/L	1	30.0000		30.0000	30.0000	77/09	77/09
SULFATE	SO4-TOT	MG/L	1	82.0000		82.0000	82.0000	77/09	77/09
FLUORIDE	F,DISS	MG/L	3	.290000	.134536	.400000	.140000	77/09	78/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/09	78/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/09	78/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/09	78/06
IRON	FE,TOT	UG/L	1	1290.00		1290.00	1290.00	78/06	78/06
LEAD	PB,TOT	UG/L	3	10.6667	9.81496	22.0000	5.00000	77/09	78/06
MANGNESE	MN	UG/L	2	50.0000	28.2843	70.0000	30.0000	77/09	78/03
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/09	78/06
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/09	78/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	5	582.000	468.370	1300.00	190.000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	1	6600.00		6600.00	6600.00	77/09	77/09
PHENOLS	TOTAL	UG/L	3	2.33333	.577352	3.00000	2.00000	77/09	78/06
MBAS		MG/L	2	.125000	.049498	.160000	.090000	77/09	78/03
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/09	78/06

TABLE RD 1-65

STATION NUMBER 600320
40 11 39.0 084 14 29.0 2
LORAMIE CREEK NR. LOCKINGTON
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 118.80 000.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	9.25000	6.88598	19.0000	3.00000	78/09	79/04
STREAM	FLOW	CFS	4	849.625	1011.59	2040.00	8.90000	78/09	79/04
CNDUCTVY	AT 25C	MICROMHO	4	574.750	146.003	700.000	425.000	78/09	79/04
DO		MG/L	4	9.50000	2.11977	12.0000	7.00000	78/09	79/04
COD	LOWLEVEL	MG/L	4	24.3250	15.4167	44.0000	10.2000	78/09	79/04
PH		SU	2	7.55000	.212128	7.70000	7.40000	78/09	79/04
LAB	PH	SU	2	7.75000	.353553	8.00000	7.50000	78/10	79/01
RESIDUE	TOT NFLT	MG/L	4	107.500	138.520	310.000	8.00000	78/09	79/04
NH3+NH4-	N TOTAL	MG/L	3	.190000	.009999	.200000	.180000	78/09	79/04
NO3-N	TOTAL	MG/L	4	4.08500	2.61106	6.55000	1.60000	78/09	79/04
TOT KJEL	N	MG/L	.4	1.02500	.665207	2.00000	.600000	78/09	79/04
PHOS-TOT		MG/L P	4	.275000	.178232	.480000	.050000	78/09	79/04
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/04
TOT HARD	CACO3	MG/L	4	300.000	135.541	463.000	170.000	78/09	79/04
FLUORIDE	F,DISS	MG/L	4	.295000	.094694	.390000	.170000	78/09	79/04
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/04
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/04
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/04
IRON	FE,TOT	UG/L	1	1080.00		1080.00	1080.00	78/09	78/09
LEAD	PB,TOT	UG/L	4	27.0000	35.4683	80.0000	5.00000	78/09	79/04
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/04
ZINC	ZN,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/09	79/04
FEC COLI	MFM-FCBR	/100ML	4	223.750	274.765	630.000	23.0000	78/09	79/04
PHENOLS	TOTAL	UG/L	4	5.50000	2.51661	8.00000	2.00000	78/09	79/04
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/04

TABLE RD 1-66

STATION NUMBER 600130
40 06 27.0 083 47 57.0 2
MAD R. NEAR URBANA
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 080.70 039.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	14.6667	8.02082	23.0000	7.00000	77/08	77/11
STREAM	FLOW	CFS	1	55.0000		55.0000	55.0000	77/11	77/11
TURB	JKSN	JTU	3	1.23333	.776746	2.10000	.600000	77/08	77/11
CNDUCTVY	AT 25C	MICROMHO	3	716.333	14.8661	729.000	700.000	77/08	77/11
DO		MG/L	3	12.7333	3.71665	17.0000	10.2000	77/08	77/11
BOD	5 DAY	MG/L	2	1.00000	.000000	1.00000	1.00000	77/08	77/09
COD	LOWLEVEL	MG/L	3	4.00000	.000000	4.00000	4.00000	77/08	77/11
PH		SU	1	9.40000		9.40000	9.40000	77/11	77/11
LAB	PH	SU	2	7.75000	.212128	7.90000	7.60000	77/08	77/09
T ALK	CACO3	MG/L	1	307.000		307.000	307.000	77/09	77/09
T ACDITY	CACO3	MG/L	1	6.00000		6.00000	6.00000	77/09	77/09
RESIDUE	TOTAL	MG/L	2	488.500	2.12132	490.000	487.000	77/09	77/11
RESIDUE	TOT NFLT	MG/L	2	6.00000	5.65685	10.0000	2.00000	77/09	77/11
NH3+NH4-	N TOTAL	MG/L	3	.050000	.000075	.050000	.050000	77/08	77/11
NO3-N	TOTAL	MG/L	3	1.91667	.223684	2.16000	1.72000	77/08	77/11
TOT KJEL	N	MG/L	3	.216667	.175594	.400000	.050000	77/08	77/11
PHOS-TOT		MG/L P	2	.065000	.021213	.080000	.050000	77/08	77/11
T ORG C	C	MG/L	2	6.50000	3.53553	9.00000	4.00000	77/08	77/09
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	77/09	77/09
TOT HARD	CACO3	MG/L	1	407.000		407.000	407.000	77/09	77/09
CHLORIDE	CL	MG/L	1	12.0000		12.0000	12.0000	77/09	77/09
SULFATE	SO4-TOT	MG/L	1	94.0000		94.0000	94.0000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	3	486.666	195.022	680.000	290.000	77/08	77/11
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	77/09	77/09
MBAS		MG/L	2	.060000	.000086	.060000	.060000	77/08	77/09

TABLE RD 1-67

STATION NUMBER 600130
40 06 27.0 083 47 57.0 2
MAD R. NEAR URBANA
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 080.70 039.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	16.0000		16.0000	16.0000	78/08	78/08
STREAM	FLOW	CFS	1	107.000		107.000	107.000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	700.000		700.000	700.000	78/08	78/08
DO		MG/L	1	8.50000		8.50000	8.50000	78/08	78/08
COD	LOWLEVEL	MG/L	1	4.00000		4.00000	4.00000	78/08	78/08
LAB	PH	SU	1	7.70000		7.70000	7.70000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.200000		.200000	.200000	78/08	78/08
NO3-N	TOTAL	MG/L	1	2.71000		2.71000	2.71000	78/08	78/08
TOT KJEL	N	MG/L	1	.100000		.100000	.100000	78/08	78/08
PHOS-TOT		MG/L P	1	.050000		.050000	.050000	78/08	78/08
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/08	78/08
TOT HARD	CACO3	MG/L	1	522.000		522.000	522.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	170.000		170.000	170.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	8.00000		8.00000	8.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	880.000		880.000	880.000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-68

STATION NUMBER 610040
39 57 51.0 083 49 54.0 2
MAD RIVER AT EAGLE CITY
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 080.70 028.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	14.0000		14.0000	14.0000	78/06	78/06
STREAM	FLOW	CFS	4	339.000	169.621	563.000	167.000	78/02	78/06
CNDUCTVY	AT 25C	MICROMHO	4	700.000	40.8248	750.000	650.000	78/02	78/06
COD	LOWLEVEL	MG/L	4	5.52500	1.92420	8.00000	4.00000	78/02	78/06
LAB	PH	SU	4	7.97500	.050329	8.00000	7.90000	78/02	78/06
RESIDUE	TOTAL	MG/L	2	460.000	28.2843	480.000	440.000	78/04	78/05
RESIDUE	TOT NFLT	MG/L	4	7.00000	2.82843	9.00000	3.00000	78/02	78/06
NH3+NH4-	N TOTAL	MG/L	4	.055000	.010000	.070000	.050000	78/02	78/06
NO3-N	TOTAL	MG/L	4	3.08250	.292265	3.37000	2.68000	78/02	78/06
TOT KJEL	N	MG/L	3	.200000	.173205	.400000	.100000	78/02	78/06
PHOS-TOT		MG/L P	4	.255000	.299500	.700000	.060000	78/02	78/06
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/06	78/06
TOT HARD	CACO3	MG/L	1	393.000		393.000	393.000	78/06	78/06
FLUORIDE	F,DISS	MG/L	1	.290000		.290000	.290000	78/06	78/06
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/06	78/06
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/06	78/06
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/06	78/06
IRON	FE,TOT	UG/L	1	220.000		220.000	220.000	78/06	78/06
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/06	78/06
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/06	78/06
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/06	78/06
FEC COLI	MFM-FCBR	/100ML	3	400.000	459.021	930.000	130.000	78/04	78/06
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/06	78/06
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/06	78/06

TABLE RD 1-69

STATION NUMBER 610040
39 57 51.0 083 49 54.0 2
MAD RIVER AT EAGLE CITY
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 080.70 028.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	13	11.5385	6.49622	20.0000	2.00000	78/07	79/06
STREAM	FLOW	CFS	12	455.500	421.527	1457.00	120.000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	1	475.000		475.000	475.000	78/09	78/09
CNDUCTVY	AT 25C	MICROMHO	12	733.750	86.3213	844.000	593.000	78/07	79/06
DO		MG/L	12	11.0917	1.40097	12.6000	8.10000	78/08	79/06
COD	LOWLEVEL	MG/L	13	7.46923	4.57664	16.0000	3.00000	78/07	79/06
PH		SU	6	7.91666	.240239	8.20000	7.50000	78/10	79/06
LAB	PH	SU	7	7.95714	.139900	8.10000	7.70000	78/07	79/02
RESIDUE	TOT NFLT	MG/L	13	19.0000	14.5430	52.0000	5.00000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	13	.075385	.044836	.200000	.050000	78/07	79/06
NO3-N	TOTAL	MG/L	13	3.70307	.894948	5.23000	2.85000	78/07	79/06
TOT KJEL	N	MG/L	13	.415384	.273393	1.00000	.100000	78/07	79/06
PHOS-TOT		MG/L P	13	.093077	.058791	.230000	.050000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	344.000	54.4855	394.000	278.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.280000	.027079	.320000	.260000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	460.000	551.543	850.000	70.0000	78/09	79/06
LEAD	PB,TOT	UG/L	4	14.5000	11.3871	31.0000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	10	376.700	413.234	1200.00	38.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	2.25000	.500000	3.00000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	1.62500	2.25000	5.00000	.500000	78/09	79/06

TABLE RD 1-70

STATION NUMBER 610010
39 54 56.0 083 52 50.0 2
MAD R BELOW SPRINGFIELD
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 080.70 023.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	13.0000	16.9706	25.0000	1.00000	77/08	78/02
STREAM	FLOW	CFS	2	290.500	28.9914	311.000	270.000	77/08	78/02
TURB	JKSN	JTU	1	7.20000		7.20000	7.20000	77/08	77/08
CNDUCTVY	AT 25C	MICROMHO	2	683.000	94.7523	750.000	616.000	77/08	78/02
DO		MG/L	1	9.00000		9.00000	9.00000	77/08	77/08
BOD	5 DAY	MG/L	1	2.20000		2.20000	2.20000	77/08	77/08
COD	LOWLEVEL	MG/L	2	22.1500	14.3543	32.3000	12.0000	77/08	78/02
LAB	PH	SU	2	7.80000	.141490	7.90000	7.70000	77/08	78/02
RESIDUE	TOTAL	MG/L	1	460.000		460.000	460.000	77/08	77/08
RESIDUE	TOT NFLT	MG/L	2	10.0000	8.48528	16.0000	4.00000	77/08	78/02
NH3+NH4-	N TOTAL	MG/L	2	.330000	.084852	.390000	.270000	77/08	78/02
NO3-N	TOTAL	MG/L	2	2.38500	.006974	2.39000	2.38000	77/08	78/02
TOT KJEL	N	MG/L	2	.650000	.353555	.900000	.400000	77/08	78/02
PHOS-TOT		MG/L P	2	.410000	.014141	.420000	.400000	77/08	78/02
T ORG C	C	MG/L	1	11.0000		11.0000	11.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	2	270.000	155.563	380.000	160.000	77/08	77/09
FECSTREP	MF M-ENT	/100ML	1	190.000		190.000	190.000	77/09	77/09
MBAS		MG/L	1	.120000		.120000	.120000	77/08	77/08

TABLE RD 1-71

STATION NUMBER 610010
39 54 56.0 083 52 50.0 2
MAD R BELOW SPRINGFIELD
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 080.70 023.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	19.0000		19.0000	19.0000	78/08	78/08
STREAM	FLOW	CFS	1	469.000		469.000	469.000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	650.000		650.000	650.000	78/08	78/08
DO		MG/L	1	8.20000		8.20000	8.20000	78/08	78/08
COD	LOWLEVEL	MG/L	1	6.10000		6.10000	6.10000	78/08	78/08
LAB	PH	SU	1	7.70000		7.70000	7.70000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	20.0000		20.0000	20.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.200000		.200000	.200000	78/08	78/08
NO3-N	TOTAL	MG/L	1	2.47000		2.47000	2.47000	78/08	78/08
TOT KJEL	N	MG/L	1	.700000		.700000	.700000	78/08	78/08
PHOS-TOT		MG/L P	1	.360000		.360000	.360000	78/08	78/08
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/08	78/08
TOT HARD	CACO3	MG/L	1	341.000		341.000	341.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1020.00		1020.00	1020.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	20.0000		20.0000	20.0000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	60.0000		60.0000	60.0000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-72

STATION NUMBER 600190
39 47 50.0 084 05 19.0 2
MAD RIVER NEAR DAYTON
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 080.70 005.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	11.0273	7.23313	22.3000	2.00000	78/08	79/06
STREAM	FLOW	CFS	11	1396.27	1308.25	4800.00	440.000	78/08	79/06
CNDUCTVY	FIELD	MICROMHO	1	650.000		650.000	650.000	78/09	78/09
CNDUCTVY	AT 25C	MICROMHO	10	711.900	111.714	830.000	462.000	78/08	79/06
DO		MG/L	11	9.92726	2.15042	13.6000	6.30000	78/08	79/06
COD	LOWLEVEL	MG/L	11	13.1000	10.9886	43.0000	4.00000	78/08	79/06
PH		SU	6	7.81666	.183552	8.00000	7.50000	78/10	79/06
LAB	PH	SU	5	7.89999	.141921	8.10000	7.70000	78/08	79/02
RESIDUE	TOT NFLT	MG/L	11	47.3636	71.2296	253.000	10.0000	78/08	79/06
NH3+NH4-	N TOTAL	MG/L	11	.234545	.127935	.560000	.090000	78/08	79/06
NO3-N	TOTAL	MG/L	11	3.26545	.931432	5.41000	2.21000	78/08	79/06
TOT KJEL	N	MG/L	11	.772727	.419740	1.90000	.400000	78/08	79/06
PHOS-TOT		MG/L P	11	.301818	.177528	.590000	.080000	78/08	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	300.000	73.6523	355.000	198.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.290000	.029439	.330000	.260000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	1395.00	1166.73	2220.00	570.000	78/09	79/06
LEAD	PB,TOT	UG/L	4	23.0000	10.3923	36.0000	12.0000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	7	1919.43	4017.38	11000.0	68.0000	78/08	79/06
PHENOLS	TOTAL	UG/L	4	2.00000	.000000	2.00000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-73

STATION NUMBER 600340
39 28 50.0 084 33 45.0 2
SEVEN MILE CREEK NR SEVEN MILE
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 037.50 003.60 001.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	6	13.6667	9.54289	25.0000	3.00000	77/07	78/06
TURB	JKSN	JTU	3	1.40000	.984886	2.50000	.600000	77/07	77/11
CNDUCTVY	AT 25C	MICROMHO	5	559.000	128.070	700.000	350.000	77/07	78/06
DO		MG/L	6	9.33333	1.25487	11.6000	8.00000	77/07	78/06
BOD	5 DAY	MG/L	2	1.35000	.353552	1.60000	1.10000	77/07	77/08
COD	LOWLEVEL	MG/L	5	9.66000	6.93383	18.3000	4.00000	77/07	78/06
PH		SU	2	7.50000	.707107	8.00000	7.00000	77/07	78/03
LAB	PH	SU	3	7.73333	.152993	7.90000	7.60000	77/08	78/06
T ALK	CACO3	MG/L	1	194.000		194.000	194.000	77/07	77/07
T ACDITY	CACO3	MG/L	1	13.0000		13.0000	13.0000	77/07	77/07
RESIDUE	TOTAL	MG/L	3	401.666	22.5063	418.000	376.000	77/07	77/11
RESIDUE	TOT NFLT	MG/L	5	28.0000	49.3609	116.000	1.00000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	5	.260000	.362974	.900000	.050000	77/07	78/06
NO3-N	TOTAL	MG/L	5	1.54600	1.40610	3.17000	.240000	77/07	78/06
TOT KJEL	N	MG/L	5	.470000	.380132	1.10000	.150000	77/07	78/06
PHOS-TOT		MG/L P	5	.160000	.106536	.280000	.050000	77/07	78/06
T ORG C	C	MG/L	3	8.33333	4.04146	13.0000	6.00000	77/07	77/11
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	78/03	78/06
TOT HARD	CACO3	MG/L	3	256.333	58.4842	310.000	194.000	77/07	78/06
FLUORIDE	F,DISS	MG/L	2	.220000	.028283	.240000	.200000	78/03	78/06
CADMIUM	CD,TOT	UG/L	2	8.00000	4.24264	11.0000	5.00000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
IRON	FE,TOT	UG/L	1	60.0000		60.0000	60.0000	78/06	78/06
LEAD	PB,TOT	UG/L	2	13.7500	12.3744	22.5000	5.00000	78/03	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	5	898.600	862.868	2300.00	13.0000	77/07	78/06
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	78/03	78/06
MBAS		MG/L	3	.050000	.000075	.050000	.050000	77/07	77/11
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/06

TABLE RD 1-74

STATION NUMBER 600340
39 28 50.0 084 33 45.0 2
SEVEN MILE CREEK NR SEVEN MILE
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 037.50 003.60 001.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	10.8250	9.00606	19.6000	.000000	78/09	79/05
CNDUCTVY	AT 25C	MICROMHO	4	672.000	104.234	821.000	600.000	78/09	79/05
DO		MG/L	4	11.6750	2.41022	15.0000	9.80000	78/09	79/05
COD	LOWLEVEL	MG/L	4	8.50000	5.25991	14.0000	4.00000	78/09	79/05
PH		SU	3	7.86666	.321667	8.10000	7.50000	78/09	79/05
LAB	PH	SU	1	8.00000		8.00000	8.00000	79/02	79/02
RESIDUE	TOT NFLT	MG/L	4	6.00000	4.69042	10.0000	1.00000	78/09	79/05
NH3+NH4-	N TOTAL	MG/L	4	.090000	.073485	.200000	.050000	78/09	79/05
NO3-N	TOTAL	MG/L	4	2.37250	1.03426	3.82000	1.37000	78/09	79/05
TOT KJEL	N	MG/L	4	.325000	.050001	.400000	.300000	78/09	79/05
PHOS-TOT		MG/L P	4	.072500	.033040	.120000	.050000	78/09	79/05
CYANIDE	CN-TOT	MG/L	4	.032500	.045000	.100000	.010000	78/09	79/05
TOT HARD	CACO3	MG/L	4	324.500	29.2746	358.000	298.000	78/09	79/05
FLUORIDE	F,DISS	MG/L	4	.280000	.042426	.340000	.240000	78/09	79/05
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/05
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
IRON	FE,TOT	UG/L	1	90.0000		90.0000	90.0000	78/09	78/09
LEAD	PB,TOT	UG/L	4	12.2500	5.90903	20.0000	6.00000	78/09	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/05
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
FEC COLI	MFM-FCBR	/100ML	4	473.000	372.589	900.000	70.0000	78/09	79/05
PHENOLS	TOTAL	UG/L	4	2.00000	.000000	2.00000	2.00000	78/09	79/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/05

TABLE RD 1-75

STATION NUMBER 600100
39 52 10.0 084 16 57.0 2
STILLWATER R AT ENGLEWOOD- US 40
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 081.70 008.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	9.03333	6.90905	20.0000	1.00000	78/10	79/06
STREAM	FLOW	CFS	9	2302.36	2886.00	8007.00	71.0000	78/10	79/06
CNDUCTVY	AT 25C	MICROMHO	9	671.333	206.978	843.000	242.000	78/10	79/06
DO		MG/L	9	11.8333	1.94679	15.2000	8.10000	78/10	79/06
COD	LOWLEVEL	MG/L	9	17.3333	12.8160	44.0000	4.00000	78/10	79/06
PH		SU	6	8.04999	.321207	8.40000	7.70000	78/10	79/06
LAB	PH	SU	3	7.99999	.360784	8.30000	7.60000	78/11	79/02
RESIDUE	TOT NFLT	MG/L	9	88.5555	133.564	416.000	10.0000	78/10	79/06
NH3+NH4-	N TOTAL	MG/L	9	.178889	.083583	.300000	.060000	78/10	79/06
NO3-N	TOTAL	MG/L	9	5.13111	3.22173	9.90000	1.40000	78/10	79/06
TOT KJEL	N	MG/L	9	1.03333	.642262	2.40000	.400000	78/10	79/06
PHOS-TOT		MG/L P	9	.287777	.175056	.510000	.060000	78/10	79/06
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	79/01	79/06
TOT HARD	CACO3	MG/L	3	221.333	134.165	366.000	101.000	79/01	79/06
FLUORIDE	F,DISS	MG/L	3	.276667	.049329	.310000	.220000	79/01	79/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	79/01	79/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/06
IRON	FE,TOT	UG/L	1	1130.00		1130.00	1130.00	79/06	79/06
LEAD	PB,TOT	UG/L	3	17.6667	7.37116	26.0000	12.0000	79/01	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	79/01	79/06
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/06
FEC COLI	MFM-FCBR	/100ML	7	865.143	1146.79	2800.00	37.0000	78/12	79/06
PHENOLS	TOTAL	UG/L	3	2.66667	1.15470	4.00000	2.00000	79/01	79/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	79/01	79/06

TABLE RD 1-76

STATION NUMBER 600180
39 33 22.0 084 21 00.0 2
TWIN CREEK NEAR FRANKLIN
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 056.60 000.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	8	16.2500	8.29371	27.0000	1.00000	77/07	78/06
TURB	JKSN	JTU	5	7.52000	5.49427	16.0000	.700000	77/07	78/05
CNDUCTVY	AT 25C	MICROMHO	6	631.500	272.385	1100.00	250.000	77/07	78/06
DO		MG/L	7	8.41428	1.33970	10.0000	6.30000	77/07	78/06
BOD	5 DAY	MG/L	3	2.86667	.986581	4.00000	2.20000	77/07	77/09
COD	LOWLEVEL	MG/L	8	9.91250	7.71111	22.3000	4.00000	77/07	78/06
PH		SU	4	7.32500	.411339	7.80000	6.80000	77/07	78/03
LAB	PH	SU	3	7.76666	.058398	7.80000	7.70000	77/08	78/06
T ALK	CACO3	MG/L	2	234.000	9.89949	241.000	227.000	77/07	77/09
T ACDITY	CACO3	MG/L	2	9.00000	1.41421	10.0000	8.00000	77/07	77/09
RESIDUE	TOTAL	MG/L	4	495.500	124.297	680.000	409.000	77/07	77/11
RESIDUE	TOT NFLT	MG/L	6	32.1667	38.4209	102.000	2.00000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	8	.076250	.058782	.220000	.050000	77/07	78/06
NO3-N	TOTAL	MG/L	8	1.71250	1.36672	3.99000	.480000	77/07	78/06
TOT KJEL	N	MG/L	8	.549999	.389138	1.30000	.100000	77/07	78/06
PHOS-TOT		MG/L P	8	.221250	.143272	.440000	.050000	77/07	78/06
T ORG C	C	MG/L	6	9.56667	4.13844	17.0000	5.00000	77/07	78/05
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	77/09	78/06
TOT HARD	CACO3	MG/L	5	272.200	88.4999	330.000	116.000	77/07	78/06
CALCIUM	CA-TOT	MG/L	1	77.0000		77.0000	77.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	33.0000		33.0000	33.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	14.0000		14.0000	14.0000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	2.40000		2.40000	2.40000	77/09	77/09
CHLORIDE	CL	MG/L	1	24.0000		24.0000	24.0000	77/09	77/09
SULFATE	SO4-TOT	MG/L	1	53.0000		53.0000	53.0000	77/09	77/09
FLUORIDE	F,DISS	MG/L	4	.270000	.057156	.340000	.210000	77/09	78/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/09	78/06
COPPER	CU,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	77/09	78/06
IRON	FE,TOT	UG/L	1	140.000		140.000	140.000	78/06	78/06
LEAD	PB,TOT	UG/L	4	19.5000	13.6015	33.0000	5.00000	77/09	78/06
MANGNESE	MN	UG/L	1	40.0000		40.0000	40.0000	77/09	77/09
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/09	78/06
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
ZINC	ZN,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	77/09	78/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	7	1175.71	1499.93	4200.00	50.0000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	1	5000.00		5000.00	5000.00	77/09	77/09
PHENOLS	TOTAL	UG/L	4	2.75000	1.50000	5.00000	2.00000	77/09	78/06
MBAS		MG/L	4	.070000	.020000	.100000	.060000	77/08	78/05
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/03	78/06

TABLE RD 1-77

STATION NUMBER 600180
39 33 22.0 084 21 00.0 2
TWIN CREEK NEAR FRANKLIN
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 056.60 000.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	10.0250	7.49683	20.6000	4.00000	78/09	79/04
CNDUCTVY	AT 25C	MICROMHO	4	578.250	120.462	661.000	402.000	78/09	79/04
DO		MG/L	4	11.4500	1.13583	12.6000	10.2000	78/09	79/04
COD	LOWLEVEL	MG/L	4	13.0500	7.54564	24.0000	8.00000	78/09	79/04
PH		SU	1	8.10000		8.10000	8.10000	78/09	78/09
LAB	PH	SU	3	7.99999	.264906	8.20000	7.70000	78/10	79/04
RESIDUE	TOT NFLT	MG/L	4	52.0000	55.8271	133.000	10.0000	78/09	79/04
NH3+NH4-	N TOTAL	MG/L	3	.123333	.068069	.200000	.070000	78/09	79/04
NO3-N	TOTAL	MG/L	4	3.65500	2.44604	5.78000	1.28000	78/09	79/04
TOT KJEL	N	MG/L	4	.650000	.580230	1.50000	.200000	78/09	79/04
PHOS-TOT		MG/L P	4	.185000	.214243	.500000	.050000	78/09	79/04
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/04
TOT HARD	CACO3	MG/L	4	280.750	71.8720	339.000	176.000	78/09	79/04
FLUORIDE	F,DISS	MG/L	3	.320000	.017319	.340000	.310000	78/09	79/01
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/04
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/04
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/04
IRON	FE,TOT	UG/L	2	1210.00	1004.09	1920.00	500.000	78/09	79/04
LEAD	PB,TOT	UG/L	4	26.7500	35.6966	80.0000	5.00000	78/09	79/04
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/04
ZINC	ZN,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/09	79/04
FEC COLI	MFM-FCBR	/100ML	4	134.500	71.9004	200.000	37.0000	78/09	79/04
PHENOLS	TOTAL	UG/L	4	5.75000	4.34933	10.0000	2.00000	78/09	79/04
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/04

TABLE RD 1-78

STATION NUMBER 600290
39 09 54.0 084 47 18.0 2
WHITEWATER R. NEAR HOOVEN
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 005.60 000.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	14.0714	7.20202	23.0000	4.00000	77/07	78/06
TURB	JKSN	JTU	4	28.1250	28.4030	68.0000	2.50000	77/07	77/11
CNDUCTVY	AT 25C	MICROMHO	5	443.200	85.9114	521.000	300.000	77/07	78/06
DO		MG/L	7	8.77142	1.07199	9.80000	6.80000	77/07	78/06
BOD	5 DAY	MG/L	3	2.83333	1.50444	4.40000	1.40000	77/07	77/09
COD	LOWLEVEL	MG/L	6	12.2333	7.03752	23.4000	4.00000	77/07	78/06
PH		SU	2	7.75000	.353553	8.00000	7.50000	77/07	78/03
LAB	PH	SU	3	7.56667	.057807	7.60000	7.50000	77/08	78/06
T ALK	CACO3	MG/L	2	198.000	5.65685	202.000	194.000	77/07	77/09
T ACDITY	CACO3	MG/L	2	13.0000	1.41421	14.0000	12.0000	77/07	77/09
RESIDUE	TOTAL	MG/L	4	401.000	70.2329	499.000	344.000	77/07	77/11
RESIDUE	TOT NFLT	MG/L	6	93.8333	104.803	269.000	2.00000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	6	.143333	.096263	.290000	.050000	77/07	78/06
NO3-N	TOTAL	MG/L	6	1.33167	.713874	2.22000	.540000	77/07	78/06
TOT KJEL	N	MG/L	6	.716666	.645497	1.80000	.050000	77/07	78/06
PHOS-TOT		MG/L P	6	.273333	.350580	.950000	.050000	77/07	78/06
T ORG C	C	MG/L	4	7.25000	3.09570	10.0000	3.00000	77/07	77/11
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	78/03	78/06
TOT HARD	CACO3	MG/L	4	231.250	74.5537	290.000	122.000	77/07	78/06
FLUORIDE	F,DISS	MG/L	2	.175000	.007071	.180000	.170000	78/03	78/06
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
IRON	FE,TOT	UG/L	1	100.000		100.000	100.000	78/06	78/06
LEAD	PB,TOT	UG/L	2	5.50000	.707107	6.00000	5.00000	78/03	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	6	840.000	1101.65	2700.00	70.0000	77/07	78/06
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	78/03	78/06
MBAS		MG/L	3	.063333	.015276	.080000	.050000	77/07	77/11
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/06

TABLE RD 1-79

STATION NUMBER 600290
39 09 54.0 084 47 18.0 2
WHITEWATER R. NEAR HOOVEN
OHIO RIVER (GREAT MIAMI RIVER)
MILES 0953.80 0490.10 005.60 000.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	11.2500	9.06918	20.0000	.000000	78/09	79/05
CNDUCTVY	AT 25C	MICROMHO	4	583.000	89.3569	709.000	500.000	78/09	79/05
DO		MG/L	4	10.5250	3.13833	15.2000	8.50000	78/09	79/05
COD	LOWLEVEL	MG/L	4	7.77500	3.28672	11.0000	4.00000	78/09	79/05
PH		SU	3	7.96666	.231146	8.10000	7.70000	78/09	79/05
LAB	PH	SU	1	8.00000		8.00000	8.00000	79/02	79/02
RESIDUE	TOT NFLT	MG/L	4	17.2500	8.46069	26.0000	10.0000	78/09	79/05
NH3+NH4-	N TOTAL	MG/L	4	.389999	.673349	1.40000	.050000	78/09	79/05
NO3-N	TOTAL	MG/L	4	2.16250	.488151	2.86000	1.82000	78/09	79/05
TOT KJEL	N	MG/L	4	.237500	.149304	.400000	.050000	78/09	79/05
PHOS-TOT		MG/L P	4	.077500	.022174	.100000	.050000	78/09	79/05
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/05
TOT HARD	CACO3	MG/L	4	297.000	22.8473	329.000	276.000	78/09	79/05
FLUORIDE	F,DISS	MG/L	4	.235000	.047958	.300000	.190000	78/09	79/05
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/05
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/05
IRON	FE,TOT	UG/L	1	770.000		770.000	770.000	78/09	78/09
LEAD	PB,TOT	UG/L	4	10.5000	5.91608	17.0000	5.00000	78/09	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/05
ZINC	ZN,TOT	UG/L	4	37.5000	15.0000	60.0000	30.0000	78/09	79/05
FEC COLI	MFM-FCBR	/100ML	4	124.000	88.7280	250.000	47.0000	78/09	79/05
PHENOLS	TOTAL	UG/L	4	2.25000	.500000	3.00000	2.00000	78/09	79/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/05

TABLE RD 1-80

STATION NUMBER 601550
39 40 00.0 082 33 04.0 2
HOCKING RIVER NR LANCASTER
OHIO RIVER (HOCKING RIVER)
MILES 0953.80 0781.80 086.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	10	11.9700	7.73507	22.0000	1.50000	77/07	78/06
STREAM	FLOW	CFS	5	116.600	66.3725	210.000	52.0000	78/02	78/06
TURB	JKSN	JTU	3	5.03333	1.62583	6.80000	3.60000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	10	778.500	454.741	1600.00	300.000	77/07	78/06
DO		MG/L	10	7.77999	3.42890	11.8000	2.90000	77/07	78/06
BOD	5 DAY	MG/L	4	9.42500	3.19832	14.0000	6.90000	77/07	78/04
COD	LOWLEVEL	MG/L	10	19.8000	13.2481	50.0000	4.00000	77/07	78/06
PH		SU	9	7.61110	.252309	7.80000	7.20000	77/07	78/06
LAB	PH	SU	1	7.60000		7.60000	7.60000	77/12	77/12
T ALK	CACO3	MG/L	2	315.000	7.07107	320.000	310.000	77/07	77/08
T ACDITY	CACO3	MG/L	1	6.00000		6.00000	6.00000	77/08	77/08
RESIDUE	TOTAL	MG/L	3	920.000	256.466	1090.00	625.000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	841.333	202.559	972.000	608.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	10	24.9000	30.4574	106.000	10.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	3	5.00000	.000000	5.00000	5.00000	77/08	77/12
NH3+NH4-	N TOTAL	MG/L	9	1.93333	1.71583	4.91000	.430000	77/07	78/06
NO2-N	TOTAL	MG/L	10	.146000	.086564	.300000	.050000	77/07	78/06
NO3-N	TOTAL	MG/L	10	1.61000	1.22020	3.68000	.050000	77/07	78/06
TOT KJEL	N	MG/L	10	2.91999	1.83776	6.60000	1.20000	77/07	78/06
PHOS-TOT		MG/L P	10	1.02300	.467835	1.76000	.390000	77/07	78/06
T ORG C	C	MG/L	3	12.6667	3.21458	15.0000	9.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.063333	.023094	.090000	.050000	77/07	77/09
TOT HARD	CACO3	MG/L	4	342.250	117.724	454.000	206.000	77/07	78/06
CALCIUM	CA-TOT	MG/L	1	118.000		118.000	118.000	77/08	77/08
MGNSIUM	MG,TOT	MG/L	1	41.0000		41.0000	41.0000	77/08	77/08
SODIUM	NA,TOT	MG/L	1	185.000		185.000	185.000	77/08	77/08
PTSSIUM	K,TOT	MG/L	1	6.40000		6.40000	6.40000	77/08	77/08
CHLORIDE	CL	MG/L	2	309.000	29.6985	330.000	288.000	77/07	77/08
SULFATE	SO4-TOT	MG/L	1	101.000		101.000	101.000	77/08	77/08
FLUORIDE	F,DISS	MG/L	1	.440000		.440000	.440000	77/08	77/08
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/08	78/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/08	78/06
CHROMIUM	CR,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	77/08	78/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/08	78/06
IRON	FE,TOT	UG/L	2	855.000	247.487	1030.00	680.000	77/08	77/12
LEAD	PB,TOT	UG/L	4	9.00000	4.69042	14.0000	5.00000	77/08	78/06
MANGNESE	MN	UG/L	1	200.000		200.000	200.000	77/08	77/08

TABLE RD 1-80 (Continued)

STATION NUMBER 601550
39 40 00.0 082 33 04.0 2
HOCKING RIVER NR LANCASTER
OHIO RIVER (HOCKING RIVER)
MILES 0953.80 0781.80 086.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/08	78/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/08	78/06
CHROMIUM	CR,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	77/08	78/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/08	78/06
IRON	FE,TOT	UG/L	2	855.000	247.487	1030.00	680.000	77/08	77/12
LEAD	PB,TOT	UG/L	4	9.00000	4.69042	14.0000	5.00000	77/08	78/06
MANGNESE	MN	UG/L	1	200.000		200.000	200.000	77/08	77/08
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/12	78/06
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	4	50.0000	28.2843	90.0000	30.0000	77/08	78/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	8	20912.5	24806.7	78000.0	3000.00	77/07	78/06
FECSTREP	MF M-ENT	/100ML	6	6610.00	7686.44	21000.0	860.000	77/07	78/05
PHENOLS	TOTAL	UG/L	10	4.80000	3.11983	10.0000	2.00000	77/07	78/06
MBAS		MG/L	3	.320000	.157162	.460000	.150000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-81

STATION NUMBER 601550
39 40 00.0 082 33 04.0 2
HOCKING RIVER NR LANCASTER
OHIO RIVER (HOCKING RIVER)
MILES 0953.80 0781.80 086.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	10.5750	8.09580	21.3000	.000000	78/07	79/06
STREAM	FLOW	CFS	11	52.1818	22.8159	98.0000	26.0000	78/08	79/06
CNDUCTVY	FIELD	MICROMHO	12	726.250	368.776	1400.00	300.000	78/07	79/06
DO		MG/L	12	8.44999	3.51581	12.6000	1.40000	78/07	79/06
BOD	5 DAY	MG/L	8	4.42500	2.08789	8.00000	2.00000	78/07	79/05
COD	LOWLEVEL	MG/L	12	14.4167	4.07785	22.0000	9.00000	78/07	79/06
PH		SU	12	7.54166	.192868	7.90000	7.20000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	14.7500	4.18058	23.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	1.06250	1.17286	4.49000	.210000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.142727	.118751	.430000	.010000	78/08	79/06
NO3-N	TOTAL	MG/L	12	2.18000	.968929	3.31000	.360000	78/07	79/06
TOT KJEL	N	MG/L	12	1.75833	1.29226	5.40000	.800000	78/07	79/06
PHOS-TOT		MG/L P	12	.426666	.262725	.830000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	4	387.000	179.531	655.000	281.000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.50000	1.00000	7.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	4	922.500	330.895	1270.00	620.000	78/09	79/06
LEAD	PB,TOT	UG/L	4	34.7500	31.2236	80.0000	13.0000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	57.5000	32.0156	90.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	12	10071.7	11484.4	34000.0	100.000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	1	730.000		730.000	730.000	78/07	78/07
PHENOLS	TOTAL	UG/L	11	4.63636	3.20227	12.0000	2.00000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-82

STATION NUMBER 601530
39 33 54.0 082 28 30.0 2
HOCKING RIVER NEAR ENTERPRISE
OHIO RIVER (HOCKING RIVER)
MILES 0953.80 0781.80 072.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	14.6444	9.64626	28.0000	.000000	77/07	78/06
STREAM	FLOW	CFS	7	658.857	673.596	1587.00	25.0000	77/07	78/06
TURB	JKSN	JTU	3	18.9333	11.1002	30.0000	7.80000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	3	743.333	125.036	830.000	600.000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	4	538.000	177.422	745.000	371.000	78/01	78/06
DO		MG/L	9	9.49999	2.65708	14.0000	7.00000	77/07	78/06
BOD	5 DAY	MG/L	4	3.00000	.668334	3.60000	2.20000	77/07	78/01
COD	LOWLEVEL	MG/L	9	19.3222	17.6716	57.0000	.000000	77/07	78/06
PH		SU	6	7.31666	.453556	7.90000	6.50000	77/07	78/06
LAB	PH	SU	3	7.51000	.105613	7.61000	7.40000	78/01	78/03
T ALK	CACO3	MG/L	2	104.500	33.2340	128.000	81.0000	77/08	78/03
T ACDITY	CACO3	MG/L	1	5.00000		5.00000	5.00000	77/08	77/08
RESIDUE	TOTAL	MG/L	3	426.333	226.677	628.000	181.000	77/08	78/02
RESIDUE	DISS-105	C MG/L	4	402.500	114.945	505.000	240.000	77/07	78/02
RESIDUE	TOT NFLT	MG/L	9	201.556	316.615	820.000	19.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/08	77/08
NH3+NH4-	N TOTAL	MG/L	9	.312222	.169543	.550000	.070000	77/07	78/06
NO2-N	TOTAL	MG/L	9	.071111	.062937	.200000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	9	1.73000	1.04305	4.17000	.720000	77/07	78/06
TOT KJEL	N	MG/L	9	1.30000	.939415	3.20000	.400000	77/07	78/06
PHOS-TOT		MG/L P	9	.494444	.366985	.990000	.090000	77/07	78/06
T ORG C	C	MG/L	3	10.3333	3.51191	14.0000	7.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	77/08	77/09
TOT HARD	CACO3	MG/L	4	232.500	70.8072	303.000	158.000	77/07	78/05
CALCIUM	CA-TOT	MG/L	1	71.0000		71.0000	71.0000	77/08	77/08
MGNSIUM	MG,TOT	MG/L	1	31.0000		31.0000	31.0000	77/08	77/08
SODIUM	NA,TOT	MG/L	1	47.0000		47.0000	47.0000	77/08	77/08
PTSSIUM	K,TOT	MG/L	1	3.70000		3.70000	3.70000	77/08	77/08
CHLORIDE	CL	MG/L	4	57.2500	21.5774	81.0000	29.0000	77/07	78/03
SULFATE	SO4-TOT	MG/L	3	105.667	47.5010	153.000	58.0000	77/08	78/03
FLUORIDE	F,DISS	MG/L	1	.320000		.320000	.320000	77/08	77/08

TABLE RD 1-82 (Continued)

STATION NUMBER 601530
39 33 54.0 082 28 30.0 2
HOCKING RIVER NEAR ENTERPRISE
OHIO RIVER (HOCKING RIVER)
MILES 0953.80 0781.80 072.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/08	78/05
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/08	78/05
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/08	78/05
IRON	FE,TOT	UG/L	3	9150.00	9401.99	20000.0	3400.00	77/08	78/05
LEAD	PB,TOT	UG/L	3	9.33333	4.16335	14.0000	6.00000	77/08	78/05
MANGNESE	MN	UG/L	3	1456.67	887.545	2270.00	510.000	77/08	78/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/05
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	3	60.0000	51.9615	120.000	30.0000	77/08	78/05
ALUMINUM	AL,TOT	UG/L	1	8000.00		8000.00	8000.00	78/05	78/05
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	8	2462.50	3543.34	11000.0	190.000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	3	2210.00	2601.94	5200.00	460.000	77/07	77/09
PHENOLS	TOTAL	UG/L	6	2.16667	.408254	3.00000	2.00000	77/07	78/06
MBAS		MG/L	3	.103333	.015275	.120000	.090000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	2	.750000	.353553	1.00000	.500000	78/03	78/05

TABLE RD 1-83

STATION NUMBER 601530
39 33 54.0 082 28 30.0 2
HOCKING RIVER NEAR ENTERPRISE
OHIO RIVER (HOCKING RIVER)
MILES 0953.80 0781.80 072.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	11.5417	6.29379	19.5000	2.50000	78/07	79/06
STREAM	FLOW	CFS	11	740.273	929.489	3189.00	90.0000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	5	518.000	221.503	890.000	319.000	78/08	79/03
CNDUCTVY	AT 25C	MICROMHO	7	662.571	230.713	969.000	256.000	78/07	79/06
DO		MG/L	13	9.05384	1.96835	12.9000	6.20000	78/07	79/06
BOD	5 DAY	MG/L	2	3.75000	3.18198	6.00000	1.50000	78/11	79/02
COD	LOWLEVEL	MG/L	13	12.1452	12.8340	49.0000	4.00000	78/07	79/06
PH		SU	11	7.62727	.268686	8.00000	7.10000	78/07	79/06
LAB	PH	SU	2	7.65000	.353532	7.90000	7.40000	78/12	79/05
T ALK	CACO3	MG/L	2	72.5000	26.1629	91.0000	54.0000	79/02	79/04
RESIDUE	TOTAL	MG/L	2	331.500	217.082	485.000	178.000	78/11	79/02
RESIDUE	DISS-105	C MG/L	2	238.000	265.872	426.000	50.0000	78/11	79/02
RESIDUE	TOT NFLT	MG/L	11	34.0909	32.2691	122.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	13	.400769	.282089	1.01000	.090000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.048333	.035119	.100000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	13	1.69461	.433289	2.32000	1.05000	78/07	79/06
TOT KJEL	N	MG/L	13	.846154	.589655	2.50000	.400000	78/07	79/06
PHOS-TOT		MG/L P	13	.164615	.179890	.700000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	6	217.500	73.5030	308.000	117.000	78/08	79/05
CHLORIDE	CL	MG/L	2	45.5000	12.0208	54.0000	37.0000	78/07	78/09
FLUORIDE	F,DISS	MG/L	1	.190000		.190000	.190000	79/02	79/02
CADMIUM	CD,TOT	UG/L	5	5.60000	1.34165	8.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	4	2445.00	2204.87	5600.00	820.000	78/08	79/02
LEAD	PB,TOT	UG/L	4	25.7500	29.8482	70.0000	5.00000	78/08	79/05
MANGNESE	MN	UG/L	3	1023.33	402.037	1400.00	600.000	78/11	79/02
NICKEL	NI,TOTAL	UG/L	5	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	5	40.0000	10.0000	50.0000	30.0000	78/08	79/05
FEC COLI	MFM-FCBR	/100ML	12	6019.16	6420.98	17000.0	600.000	78/08	79/06
PHENOLS	TOTAL	UG/L	5	2.00000	.000000	2.00000	2.00000	78/07	79/05
MERCURY	HG,TOTAL	UG/L	5	.720000	.491935	1.60000	.500000	78/08	79/05

TABLE RD 1-84

STATION NUMBER 601650
39 19 34.0 082 06 13.0 2
HOCKING RIVER AT ATHENS
OHIO RIVER (HOCKING RIVER)
MILES 0953.80 0781.80 039.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	5	16.9600	10.2510	28.0000	5.50000	77/07	77/11
STREAM	FLOW	CFS	3	426.666	208.510	553.000	186.000	77/08	77/11
TURB	JKSN	JTU	2	4.25000	1.90919	5.60000	2.90000	77/08	77/09
CNDUCTVY	FIELD	MICROMHO	3	910.000	193.132	1080.00	700.000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	1	700.000		700.000	700.000	77/10	77/10
DO		MG/L	5	9.47999	1.08036	10.4000	8.30000	77/07	77/11
BOD	5 DAY	MG/L	3	2.10000	.818536	3.00000	1.40000	77/07	77/09
COD	LOWLEVEL	MG/L	5	10.6000	8.11172	18.0000	.000000	77/07	77/11
PH		SU	5	7.02000	.739631	8.10000	6.20000	77/07	77/11
T ALK	CACO3	MG/L	2	112.000	11.3137	120.000	104.000	77/07	77/08
T ACDITY	CACO3	MG/L	2	5.50000	.707107	6.00000	5.00000	77/07	77/08
RESIDUE	TOTAL	MG/L	3	632.333	80.8548	681.000	539.000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	569.333	80.3274	629.000	478.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	5	36.0000	53.8516	132.000	6.00000	77/07	77/11
NH3+NH4-	N TOTAL	MG/L	4	.172500	.149750	.390000	.050000	77/07	77/11
NO2-N	TOTAL	MG/L	4	.012500	.005000	.020000	.010000	77/07	77/11
NO3-N	TOTAL	MG/L	4	.607500	.479052	1.17000	.050000	77/07	77/11
TOT KJEL	N	MG/L	4	.700000	.424264	1.20000	.300000	77/07	77/11
PHOS-TOT		MG/L P	4	.130000	.100995	.260000	.050000	77/07	77/11
T ORG C	C	MG/L	3	8.66667	1.52755	10.0000	7.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	77/08	77/09
TOT HARD	CACO3	MG/L	1	330.000		330.000	330.000	77/08	77/08
CALCIUM	CA-TOT	MG/L	1	82.0000		82.0000	82.0000	77/08	77/08
MGNSIUM	MG,TOT	MG/L	1	30.0000		30.0000	30.0000	77/08	77/08
SODIUM	NA,TOT	MG/L	1	68.0000		68.0000	68.0000	77/08	77/08
PTSSIUM	K,TOT	MG/L	1	4.20000		4.20000	4.20000	77/08	77/08
CHLORIDE	CL	MG/L	3	99.0000	15.7162	116.000	85.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	3	192.667	36.4606	232.000	160.000	77/07	77/09
FLUORIDE	F,DISS	MG/L	1	.320000		.320000	.320000	77/08	77/08

TABLE RD 1-84 (Continued)

STATION NUMBER 601650
39 19 34.0 082 06 13.0 2
HOCKING RIVER AT ATHENS
OHIO RIVER (HOCKING RIVER)
MILES 0953.80 0781.80 039.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
IRON	FE,TOT	UG/L	2	545.000	148.492	650.000	440.000	77/07	77/08
LEAD	PB,TOT	UG/L	1	14.0000		14.0000	14.0000	77/08	77/08
MANGNESE	MN	UG/L	2	355.000	106.066	430.000	280.000	77/07	77/08
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ALUMINUM	AL,TOT	UG/L	1	400.000		400.000	400.000	77/07	77/07
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	5	331.800	253.182	600.000	69.0000	77/07	77/10
FECSTREP	MF M-ENT	/100ML	3	606.666	860.310	1600.00	100.000	77/07	77/09
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	77/08	77/09
MBAS		MG/L	3	.083333	.005773	.090000	.080000	77/07	77/09

TABLE RD 1-85

STATION NUMBER 501050
41 18 24.0 082 36 21.0 2
HURON R BL MILAN-MUD BROOK RD
LAKE ERIE (HURON RIVER)
MILES 0011.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	11.7818	8.33784	23.8000	.000000	77/07	78/06
STREAM	FLOW	CFS	1	25.0000		25.0000	25.0000	77/11	77/11
CNDUCTVY	AT 25C	MICROMHO	12	644.833	149.496	874.000	454.000	77/07	78/06
DO		MG/L	11	9.73636	1.65968	12.2000	7.40000	77/07	78/06
BOD	5 DAY	MG/L	10	3.36000	1.51453	6.00000	1.70000	77/07	78/06
COD	LOWLEVEL	MG/L	12	25.1667	11.0193	42.0000	10.0000	77/07	78/06
LAB	PH	SU	12	7.79166	.274541	8.20000	7.30000	77/07	78/06
RESIDUE	DISS-105	C MG/L	12	427.666	96.4629	576.000	305.000	77/07	78/06
RESIDUE	TOT NFLT	MG/L	12	79.4167	109.828	328.000	10.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	13	.356923	.299566	1.16000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	13	.058462	.042199	.160000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	13	3.10461	3.88094	15.2000	.480000	77/07	78/06
TOT KJEL	N	MG/L	13	1.32308	.727045	3.00000	.500000	77/07	78/06
PHOS-TOT		MG/L P	12	.560000	.516562	2.11000	.140000	77/08	78/06
PHOS-DIS		MG/L P	7	.191428	.114664	.340000	.050000	77/09	78/06
T ORG C	C	MG/L	12	13.1083	6.71111	28.9000	3.00000	77/07	78/06
TOT HARD	CACO3	MG/L	5	329.400	52.6250	404.000	282.000	77/08	78/05
CHLORIDE	CL	MG/L	12	33.3333	8.20576	48.0000	21.0000	77/07	78/06
SULFATE	SO4-TOT	MG/L	12	115.833	45.4730	186.000	35.0000	77/07	78/06
SILICA	DISOLVED	MG/L	10	6.24399	3.07956	12.7000	2.61000	77/07	78/06
ARSENIC	AS,TOT	UG/L	5	10.0000	.000000	10.0000	10.0000	77/08	78/05
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	77/08	78/05
CHROMIUM	CR,TOT	UG/L	5	32.0000	4.47214	40.0000	30.0000	77/08	78/05
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/10	77/10
LEAD	PB,TOT	UG/L	5	7.60000	5.81378	18.0000	5.00000	77/08	78/05
ZINC	ZN,TOT	UG/L	5	46.0000	35.7771	110.000	30.0000	77/08	78/05
FEC COLI	MFM-FCBR	/100ML	10	1719.00	1899.87	5000.00	70.0000	77/07	78/05
FECSTREP	MF M-ENT	/100ML	7	1142.86	1504.11	3900.00	120.000	77/07	78/05
PHENOLS	TOTAL	UG/L	3	5.00000	5.19615	11.0000	2.00000	77/08	78/02
MBAS		MG/L	5	.106000	.023022	.130000	.080000	77/08	78/05
PCBS	WHL SMPL	UG/L	10	.500000	.000000	.500000	.500000	77/08	78/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	77/10	78/05

TABLE RD 1-86

STATION NUMBER 501050
41 18 24.0 082 36 21.0 2
HURON R BL MILAN-MUD BROOK RD
LAKE ERIE (HURON RIVER)
MILES 0011.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	10	12.1300	8.57088	24.1000	.000000	78/07	79/06
TURB	JKSN	JTU	2	5.50000	4.10122	8.40000	2.60000	78/11	79/05
CNDUCTVY	AT 25C	MICROMHO	10	752.300	117.134	940.000	589.000	78/07	79/06
DO		MG/L	9	9.44444	2.68009	14.7000	5.50000	78/07	79/06
BOD	5 DAY	MG/L	8	2.72500	1.72772	5.10000	1.00000	78/07	79/05
COD	LOWLEVEL	MG/L	8	15.0875	4.88217	21.0000	7.00000	78/07	79/06
LAB	PH	SU	10	7.95100	.133398	8.20000	7.71000	78/07	79/06
T ALK	CACO3	MG/L	1	218.000		218.000	218.000	78/11	78/11
RESIDUE	DISS-105	C MG/L	9	468.889	76.2512	608.000	384.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	10	22.6000	17.3474	66.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	10	.286999	.206131	.720000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	10	.170000	.245583	.840000	.030000	78/07	79/06
NO3-N	TOTAL	MG/L	10	3.47000	4.03927	12.8000	.080000	78/07	79/06
TOT KJEL	N	MG/L	10	1.46600	.568040	2.40000	.900000	78/07	79/06
PHOS-TOT		MG/L P	10	.656000	.588580	1.91000	.130000	78/07	79/06
PHOS-DIS		MG/L P	7	.605714	.546987	1.44000	.050000	78/07	79/05
T ORG C	C	MG/L	8	15.9625	13.1327	48.0000	7.30000	78/07	79/05
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	79/04	79/04
TOT HARD	CACO3	MG/L	7	307.428	46.0438	386.000	257.000	78/08	79/06
CHLORIDE	CL	MG/L	10	38.0000	23.4994	78.0000	8.00000	78/07	79/06
SULFATE	SO4-TOT	MG/L	10	139.800	37.7001	189.000	89.0000	78/07	79/06
FLUORIDE	F,DISS	MG/L	2	.335000	.162635	.450000	.220000	79/04	79/06
SILICA	DISOLVED	MG/L	7	6.41999	1.19288	8.07000	4.74000	78/07	79/05
ARSENIC	AS,TOT	UG/L	7	10.0000	.000000	10.0000	10.0000	78/08	79/06
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	79/03	79/03
CADMIUM	CD,TOT	UG/L	7	5.00000	.000000	5.00000	5.00000	78/08	79/06
CHROMIUM	CR,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/08	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	79/01	79/06
IRON	FE,TOT	UG/L	1	3400.00		3400.00	3400.00	79/06	79/06
LEAD	PB,TOT	UG/L	7	7.28571	4.27061	16.0000	5.00000	78/08	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/10	79/05
ZINC	ZN,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/08	79/06
ALUMINUM	AL,TOT	UG/L	1	1600.00		1600.00	1600.00	79/06	79/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	9	778.889	1558.25	4900.00	20.0000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	3	310.000	259.808	610.000	160.000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	4.50000	3.31662	9.00000	2.00000	78/08	79/06
MBAS		MG/L	5	.162000	.059330	.230000	.100000	78/08	79/06
PCBS	WHL SMPL	UG/L	2	.500000	.000000	.500000	.500000	78/07	78/08
MERCURY	HG,TOTAL	UG/L	7	.500000	.000000	.500000	.500000	78/08	79/06

TABLE RD 1-87

STATION NUMBER 501070
41 16 32.0 082 38 13.0 2
E BR HURON R BL NORWALK
LAKE ERIE (HURON RIVER)
(RIVER MILE 2.0)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	21.8333	2.27450	23.7000	19.3000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	581.333	134.374	706.000	439.000	77/07	77/09
DO		MG/L	3	9.60000	1.40007	10.6000	8.00000	77/07	77/09
COD	LOWLEVEL	MG/L	3	25.4667	24.9811	52.0000	2.40000	77/07	77/09
LAB	PH	SU	3	8.19999	.265050	8.40000	7.90000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	378.666	72.1494	448.000	304.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	43.6667	58.3124	111.000	10.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.403333	.586202	1.08000	.050000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.026667	.028868	.060000	.010000	77/07	77/09
NO3-N	TOTAL	MG/L	3	1.01333	1.59976	2.86000	.050000	77/07	77/09
TOT KJEL	N	MG/L	3	.666666	.450925	1.10000	.200000	77/07	77/09
PHOS-TOT		MG/L P	3	.096667	.080829	.190000	.050000	77/07	77/09
PHOS-DIS		MG/L P	1	.050000		.050000	.050000	77/09	77/09
T ORG C	C	MG/L	3	13.0000	2.64575	16.0000	11.0000	77/07	77/09
TOT HARD	CACO3	MG/L	1	279.000		279.000	279.000	77/08	77/08
CHLORIDE	CL	MG/L	3	29.0000	10.8167	41.0000	20.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	3	1180.00	1752.23	3200.00	70.0000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	3	1023.33	1453.08	2700.00	130.000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	77/08	77/08

TABLE RD 1-85

STATION NUMBER 501070
41 16 32.0 082 38 13.0 2
E BR HURON R BL NORWALK
LAKE ERIE (HURON RIVER)
(RIVER MILE 2.0)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	23.8000		23.8000	23.8000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	660.000		660.000	660.000	78/08	78/08
DO		MG/L	1	6.30000		6.30000	6.30000	78/08	78/08
COD	LOWLEVEL	MG/L	1	12.0000		12.0000	12.0000	78/08	78/08
LAB	PH	SU	1	8.40000		8.40000	8.40000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	11.0000		11.0000	11.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.270000		.270000	.270000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/08	78/08
NO3-N	TOTAL	MG/L	1	.070000		.070000	.070000	78/08	78/08
TOT KJEL	N	MG/L	1	.500000		.500000	.500000	78/08	78/08
PHOS-TOT		MG/L P	1	.050000		.050000	.050000	78/08	78/08
TOT HARD	CACO3	MG/L	1	305.000		305.000	305.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	400.000		400.000	400.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	230.000		230.000	230.000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-89

STATION NUMBER 501080
41 16 36.0 082 37 19.0 2
RATTLESNAKE CREEK AT LAIS ROAD
LAKE ERIE (HURON RIVER)
(RIVER MILE 1.7)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	5.00000	7.07107	10.0000	.000000	78/02	78/04
CNDUCTVY	AT 25C	MICROMHO	2	965.000	21.2132	980.000	950.000	78/02	78/04
DO		MG/L	2	10.8500	.777834	11.4000	10.3000	78/02	78/04
BOD	5 DAY	MG/L	1	17.4000		17.4000	17.4000	78/04	78/04
COD	LOWLEVEL	MG/L	2	53.0000	9.89949	60.0000	46.0000	78/02	78/04
LAB	PH	SU	2	7.75000	.070745	7.80000	7.70000	78/02	78/04
RESIDUE	TOT NFLT	MG/L	2	26.0000	5.65685	30.0000	22.0000	78/02	78/04
NH3+NH4-	N TOTAL	MG/L	1	8.60000		8.60000	8.60000	78/02	78/02
NO2-N	TOTAL	MG/L	1	.330000		.330000	.330000	78/02	78/02
NO3-N	TOTAL	MG/L	1	5.37000		5.37000	5.37000	78/02	78/02
TOT KJEL	N	MG/L	1	12.8000		12.8000	12.8000	78/02	78/02
PHOS-TOT		MG/L P	1	4.80000		4.80000	4.80000	78/02	78/02
CHROMIUM	CR,TOT	UG/L	2	35.0000	7.07107	40.0000	30.0000	78/02	78/04
COPPER	CU,TOT	UG/L	2	65.0000	21.2132	80.0000	50.0000	78/02	78/04
IRON	FE,TOT	UG/L	2	830.000	56.5685	870.000	790.000	78/02	78/04
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/02	78/04
ZINC	ZN,TOT	UG/L	2	155.000	91.9239	220.000	90.0000	78/02	78/04
FEC COLI	MFM-FCBR	/100ML	2	15.5000	20.5061	30.0000	1.00000	78/02	78/04

TABLE RD 1-90

STATION NUMBER 501080
41 16 36.0 082 37 19.0 2
RATTLESNAKE CREEK AT LAIS ROAD
LAKE ERIE (HURON RIVER)
(RIVER MILE 1.7)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	14.3250	5.66473	21.9000	9.00000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	5	1066.00	184.201	1300.00	880.000	78/07	79/06
DO		MG/L	4	6.05000	1.05043	7.50000	5.10000	78/07	79/06
BOD	5 DAY	MG/L	4	9.74999	3.01720	12.8000	5.80000	78/07	79/03
COD	LOWLEVEL	MG/L	1	49.0000		49.0000	49.0000	79/06	79/06
LAB	PH	SU	5	7.66000	.151892	7.90000	7.50000	78/07	79/06
RESIDUE	DISS-105	C MG/L	1	653.000		653.000	653.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	5	19.6000	9.60731	34.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	5	4.77400	3.72069	9.29000	.740000	78/07	79/06
NO2-N	TOTAL	MG/L	5	.522000	.233390	.840000	.210000	78/07	79/06
NO3-N	TOTAL	MG/L	5	7.87600	7.62709	21.2000	2.85000	78/07	79/06
TOT KJEL	N	MG/L	5	9.25999	6.48520	19.8000	3.40000	78/07	79/06
PHOS-TOT		MG/L P	5	7.01999	3.48006	13.0000	4.35000	78/07	79/06
T ORG C	C	MG/L	1	48.0000		48.0000	48.0000	78/11	78/11
CYANIDE	CN-TOT	MG/L	1	.070000		.070000	.070000	79/06	79/06
TOT HARD	CACO3	MG/L	5	263.800	32.5936	314.000	236.000	78/07	79/06
FLUORIDE	F,DISS	MG/L	1	.690000		.690000	.690000	79/06	79/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	78/11	78/11
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	79/06	79/06
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/07	79/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	79/06	79/06
CHROMIUM	CR,TOT	UG/L	5	44.0000	19.4936	70.0000	30.0000	78/07	79/06
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
IRON	FE,TOT	UG/L	2	510.000	127.279	600.000	420.000	78/07	79/06
LEAD	PB,TOT	UG/L	5	24.4000	15.9625	48.0000	9.00000	78/07	79/06
NICKEL	NI,TOTAL	UG/L	4	125.000	50.0000	200.000	100.000	78/07	79/06
ZINC	ZN,TOT	UG/L	5	112.000	31.9374	160.000	70.0000	78/07	79/06
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	4	1200.50	1406.56	2700.00	1.00000	78/07	79/03
MBAS		MG/L	1	.900000		.900000	.900000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	78/07	79/06

TABLE RD 1-91

STATION NUMBER 504260
41 58 24.0 080 31 52.0 2
TURKEY CRK NR CONNEAUT - LAKE RD
LAKE ERIE (TURKEY CREEK)
(RIVER MILE 0.1)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	1.50000		1.50000	1.50000	78/03	78/03
CNDUCTVY	FIELD	MICROMHO	1	110.000		110.000	110.000	78/03	78/03
DO		MG/L	1	13.6000		13.6000	13.6000	78/03	78/03
BOD	5 DAY	MG/L	1	1.00000		1.00000	1.00000	78/03	78/03
COD	LOWLEVEL	MG/L	1	12.0000		12.0000	12.0000	78/03	78/03
PH		SU	1	6.60000		6.60000	6.60000	78/03	78/03
RESIDUE	DISS-105	C MG/L	1	108.000		108.000	108.000	78/03	78/03
RESIDUE	TOT NFLT	MG/L	1	50.0000		50.0000	50.0000	78/03	78/03
NH3+NH4-	N TOTAL	MG/L	1	.070000		.070000	.070000	78/03	78/03
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/03	78/03
NO3-N	TOTAL	MG/L	1	.580000		.580000	.580000	78/03	78/03
TOT KJEL	N	MG/L	1	.700000		.700000	.700000	78/03	78/03
PHOS-TOT		MG/L P	1	1.21000		1.21000	1.21000	78/03	78/03
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/03	78/03
TOT HARD	CACO3	MG/L	1	60.0000		60.0000	60.0000	78/03	78/03
SULFATE	SO4-TOT	MG/L	1	25.0000		25.0000	25.0000	78/03	78/03
FLUORIDE	F,DISS	MG/L	1	.110000		.110000	.110000	78/03	78/03
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/03	78/03
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
IRON	FE,TOT	UG/L	1	2160.00		2160.00	2160.00	78/03	78/03
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/03	78/03
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/03	78/03
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
FEC COLI	MFM-FCBR	/100ML	1	120.000		120.000	120.000	78/03	78/03
FECSTREP	MF M-ENT	/100ML	1	120.000		120.000	120.000	78/03	78/03
PHENOLS	TOTAL	UG/L	1	4.00000		4.00000	4.00000	78/03	78/03
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/03	78/03

TABLE RD 1-92

STATION NUMBER 504260
41 58 24.0 080 31 52.0 2
TURKEY CRK NR CONNEAUT - LAKE RD
LAKE ERIE (TURKEY CREEK)
(RIVER MILE 0.1)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	10.8750	9.25900	21.0000	.000000	78/08	79/04
CNDUCTVY	FIELD	MICROMHO	4	490.000	413.280	1100.00	200.000	78/08	79/04
DO		MG/L	4	9.60000	2.41248	12.0000	6.30000	78/08	79/04
COD	LOWLEVEL	MG/L	3	14.1000	4.61196	19.4000	11.0000	78/08	79/04
PH		SU	4	7.60000	.200072	7.90000	7.50000	78/08	79/04
RESIDUE	DISS-105	C MG/L	2	264.500	.707107	265.000	264.000	79/01	79/04
RESIDUE	TOT NFLT	MG/L	3	31.6667	18.7706	43.0000	10.0000	78/08	79/04
NH3+NH4-	N TOTAL	MG/L	3	.063333	.023094	.090000	.050000	78/08	79/04
NO2-N	TOTAL	MG/L	3	.010000	.000000	.010000	.010000	78/08	79/04
NO3-N	TOTAL	MG/L	3	.963333	1.37114	2.54000	.050000	78/08	79/04
TOT KJEL	N	MG/L	3	.430000	.256321	.700000	.190000	78/08	79/04
PHOS-TOT		MG/L P	3	.110000	.103923	.230000	.050000	78/08	79/04
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/08	79/04
TOT HARD	CACO3	MG/L	2	268.500	181.726	397.000	140.000	78/08	79/01
FLUORIDE	F,DISS	MG/L	3	.163333	.025167	.190000	.140000	78/08	79/04
CADMIUM	CD,TOT	UG/L	4	5.25000	.500000	6.00000	5.00000	78/08	79/04
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/04
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/04
IRON	FE,TOT	UG/L	4	720.000	519.679	1460.00	270.000	78/08	79/04
LEAD	PB,TOT	UG/L	4	13.0000	6.48074	20.0000	5.00000	78/08	79/04
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/08	79/04
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/04
FEC COLI	MFM-FCBR	/100ML	4	34.7500	25.5131	65.0000	9.00000	78/08	79/04
FECSTREP	MF M-ENT	/100ML	4	74.5000	48.4458	120.000	9.00000	78/08	79/04
PHENOLS	TOTAL	UG/L	4	3.00000	1.15470	4.00000	2.00000	78/08	79/04
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/04

TABLE RD 1-93

STATION NUMBER 602000
40 40 33.0 080 32 27.0 2
L BEAVER CR NR E LIVERPOOL
OHIO RIVER (L BEAVER CREEK)
MILES 0953.80 0941.50 004.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	13	13.1308	7.14416	25.5000	1.50000	77/04	78/06
STREAM	FLOW	CFS	13	1307.23	2215.38	7900.00	112.000	77/04	78/06
TURB	JKSN	JTU	6	2.75000	1.41528	5.00000	1.20000	77/01	77/07
CNDUCTVY	FIELD	MICROMHO	9	360.111	116.002	550.000	150.000	77/02	78/05
CNDUCTVY	AT 25C	MICROMHO	3	736.666	89.6326	840.000	680.000	77/06	77/08
DO		MG/L	14	9.42142	2.08186	12.6000	6.70000	77/04	78/06
BOD	5 DAY	MG/L	12	1.50000	.940988	3.60000	1.00000	77/01	78/05
COD	LOWLEVEL	MG/L	16	13.0625	6.21255	24.0000	4.00000	77/01	78/06
PH		SU	15	7.06666	.402953	7.70000	6.50000	77/01	78/06
LAB	PH	SU	3	7.10000	.500122	7.60000	6.60000	78/03	78/05
T ALK	CACO3	MG/L	4	98.2500	36.1882	118.000	44.0000	77/01	77/10
T ACDITY	CACO3	MG/L	4	5.50000	.577350	6.00000	5.00000	77/01	77/10
RESIDUE	TOTAL	MG/L	13	451.846	88.3426	580.000	326.000	77/01	77/12
RESIDUE	DISS-105	C MG/L	16	382.687	92.6038	535.000	176.000	77/01	78/05
RESIDUE	TOT NFLT	MG/L	17	36.8235	65.3282	261.000	10.0000	77/01	78/06
NH3+NH4-	N TOTAL	MG/L	16	.167500	.114863	.510000	.050000	77/01	78/06
NO2-N	TOTAL	MG/L	14	.027857	.013688	.050000	.010000	77/01	78/06
NO3-N	TOTAL	MG/L	14	1.82071	1.13010	5.30000	.700000	77/01	78/06
TOT KJEL	N	MG/L	14	.585714	.427618	1.60000	.100000	77/01	78/06
PHOS-TOT		MG/L P	15	.287333	.418884	1.38000	.050000	77/01	78/06
PHOS-DIS		MG/L P	4	.405000	.626338	1.34000	.050000	77/06	77/10
T ORG C	C	MG/L	14	6.10000	3.35376	11.0000	1.00000	77/01	78/05
TOT HARD	CACO3	MG/L	14	241.500	69.9799	360.000	93.0000	77/01	78/06
CALCIUM	CA-TOT	MG/L	4	72.5000	22.7523	96.0000	43.0000	77/01	77/10
MGNSIUM	MG,TOT	MG/L	4	20.2500	5.56027	24.0000	12.0000	77/01	77/10
SODIUM	NA,TOT	MG/L	4	22.0000	7.11805	28.0000	12.0000	77/01	77/10
PTSSIUM	K,TOT	MG/L	4	3.22500	.607595	3.90000	2.50000	77/01	77/10
CHLORIDE	CL	MG/L	11	39.2727	12.4587	56.0000	16.0000	77/01	78/04
SULFATE	SO4-TOT	MG/L	4	124.750	56.4351	188.000	64.0000	77/01	78/03
FLUORIDE	F,DISS	MG/L	5	.226000	.085323	.350000	.130000	77/01	78/03
SILICA	DISOLVED	MG/L	2	4.92000	3.22441	7.20000	2.64000	77/08	77/09

TABLE RD 1-93 (Continued)

STATION NUMBER 602000
40 40 33.0 080 32 27.0 2
L BEAVER CR NR E LIVERPOOL
OHIO RIVER (L BEAVER CREEK)
MILES 0953.80 0941.50 004.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	77/01	77/10
BARIUM	BA,TOT	UG/L	4	200.000	.000000	200.000	200.000	77/01	77/10
CADMIUM	CD,TOT	UG/L	6	5.00000	.000000	5.00000	5.00000	77/01	78/06
CHROMIUM	HEX-VAL	UG/L	4	30.0000	.000000	30.0000	30.0000	77/01	78/04
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	77/01	78/06
COPPER	CU,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	77/01	78/06
IRON	FE,TOT	UG/L	9	3108.89	4337.78	10100.0	210.000	77/01	78/06
LEAD	PB,TOT	UG/L	7	9.00000	3.21455	14.0000	5.00000	77/01	78/06
MANGNESE	MN	UG/L	7	277.143	320.193	940.000	70.0000	77/01	78/03
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	77/07	78/06
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/10	77/10
ZINC	ZN,TOT	UG/L	6	56.6667	25.0334	90.0000	30.0000	77/01	78/04
ALUMINUM	AL,TOT	UG/L	1	4000.00		4000.00	4000.00	78/03	78/03
SELENIUM	SE,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/01	77/10
FEC COLI	MFM-FCBR	/100ML	10	305.900	473.438	1600.00	10.0000	77/01	78/05
FECSTREP	MF M-ENT	/100ML	10	2985.00	9141.08	29000.0	16.0000	77/01	78/05
PHENOLS	TOTAL	UG/L	17	8.00000	17.4964	73.0000	2.00000	77/01	78/06
MBAS		MG/L	13	.096154	.042728	.230000	.060000	77/01	78/05
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	77/01	78/06

TABLE RD 1-94

STATION NUMBER 602000
40 40 33.0 080 32 27.0 2
L BEAVER CR NR E LIVERPOOL
OHIO RIVER (L BEAVER CREEK)
MILES 0953.80 0941.50 004.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	10.3182	9.15771	24.0000	.000000	78/07	79/05
STREAM	FLOW	CFS	10	735.600	808.525	2680.00	112.000	78/07	79/05
CNDUCTVY	FIELD	MICROMHO	11	473.727	193.264	750.000	242.000	78/07	79/05
CNDUCTVY	AT 25C	MICROMHO	1	645.000		645.000	645.000	79/03	79/03
DO		MG/L	11	10.8909	2.78730	14.8000	7.40000	78/07	79/05
COD	LOWLEVEL	MG/L	12	7.08333	2.74553	11.0000	4.00000	78/07	79/06
PH		SU	10	8.07999	.329363	8.60000	7.60000	78/07	79/05
LAB	PH	SU	4	7.80000	.163535	8.00000	7.60000	78/09	79/04
RESIDUE	TOTAL	MG/L	2	412.000	96.1665	480.000	344.000	79/02	79/03
RESIDUE	DISS-105	C MG/L	5	412.800	128.722	566.000	254.000	79/02	79/06
RESIDUE	TOT NFLT	MG/L	11	14.7273	13.7702	56.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.132500	.097713	.310000	.040000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.014545	.005222	.020000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	2.46250	2.39774	9.80000	.460000	78/07	79/06
TOT KJEL	N	MG/L	12	.725000	.888436	3.30000	.100000	78/07	79/06
PHOS-TOT		MG/L P	12	.176666	.395252	1.43000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	4	274.000	74.9222	342.000	180.000	78/07	79/04
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	79/06	79/06
CADMIUM	CD,TOT	UG/L	6	5.33333	.816509	7.00000	5.00000	78/07	79/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	78/07	79/02
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	78/07	79/06
IRON	FE,TOT	UG/L	5	856.000	1264.49	3100.00	120.000	78/07	79/06
LEAD	PB,TOT	UG/L	5	36.2000	27.6170	84.0000	16.0000	78/07	79/05
MANGNESE	MN	UG/L	2	235.000	261.629	420.000	50.0000	79/02	79/06
NICKEL	NI,TOTAL	UG/L	6	100.000	.000000	100.000	100.000	78/07	79/06
ZINC	ZN,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	78/07	79/06
FEC COLI	MFM-FCBR	/100ML	9	489.333	405.918	1000.00	24.0000	78/10	79/06
FECSTREP	MF M-ENT	/100ML	9	1496.11	3241.18	10000.0	5.00000	78/10	79/06
PHENOLS	TOTAL	UG/L	11	3.54545	2.11488	8.00000	2.00000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	78/07	79/05

TABLE RD 1-95

STATION NUMBER 602120
40 55 45.0 080 52 08.0 2
MIDDLE FK L BEAVER CR NEAR SALEM
OHIO RIVER (LITTLE BEAVER CREEK)
MILES 0953.80 0941.50 018.80 052.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	13.3333	10.0167	21.0000	2.00000	77/02	77/07
CNDUCTVY	FIELD	MICROMHO	2	660.000	84.8528	720.000	600.000	77/02	77/08
CNDUCTVY	AT 25C	MICROMHO	2	690.000	98.9949	760.000	620.000	77/05	77/07
DO		MG/L	3	4.86667	3.08923	8.20000	2.10000	77/02	77/07
BOD	5 DAY	MG/L	1	3.30000		3.30000	3.30000	77/07	77/07
COD	LOWLEVEL	MG/L	2	31.0000	9.89949	38.0000	24.0000	77/07	77/08
PH		SU	4	6.95000	.288754	7.20000	6.70000	77/02	77/08
LAB	PH	SU	3	7.03333	.251870	7.30000	6.80000	77/05	77/08
T ALK	CACO3	MG/L	3	179.667	28.5723	207.000	150.000	77/02	77/08
T ACDITY	CACO3	MG/L	3	15.3333	11.5036	27.0000	4.00000	77/02	77/08
RESIDUE	TOTAL	MG/L	2	611.000	168.291	730.000	492.000	77/07	77/08
RESIDUE	DISS-105	C MG/L	2	595.500	167.584	714.000	477.000	77/07	77/08
RESIDUE	TOT NFLT	MG/L	2	20.0000	14.1421	30.0000	10.0000	77/07	77/08
NH3+NH4-	N TOTAL	MG/L	4	6.87749	1.73260	9.11000	5.39000	77/02	77/08
NO2-N	TOTAL	MG/L	1	.120000		.120000	.120000	77/02	77/02
NO3-N	TOTAL	MG/L	1	1.34000		1.34000	1.34000	77/02	77/02
TOT KJEL	N	MG/L	1	8.60000		8.60000	8.60000	77/02	77/02
PHOS-TOT		MG/L P	4	1.92000	1.94129	4.50000	.350000	77/02	77/08
PHOS-DIS		MG/L P	3	1.99000	1.90685	4.10000	.390000	77/05	77/08
T ORG C	C	MG/L	4	14.2500	4.03113	19.0000	10.0000	77/02	77/08
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	77/02	77/02
TOT HARD	CACO3	MG/L	3	298.333	58.3473	334.000	231.000	77/02	77/08
CALCIUM	CA-TOT	MG/L	1	100.000		100.000	100.000	77/02	77/02
MGNSIUM	MG,TOT	MG/L	1	21.0000		21.0000	21.0000	77/02	77/02
SODIUM	NA,TOT	MG/L	1	121.000		121.000	121.000	77/02	77/02
PTSSIUM	K,TOT	MG/L	1	8.00000		8.00000	8.00000	77/02	77/02
CHLORIDE	CL	MG/L	4	122.250	52.2964	198.000	85.0000	77/02	77/08
SULFATE	SO4-TOT	MG/L	1	283.000		283.000	283.000	77/07	77/07
FLUORIDE	F,DISS	MG/L	3	1.00333	.508955	1.59000	.680000	77/02	77/08
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	77/07	77/08
BARIUM	BA,TOT	UG/L	2	200.000	.000000	200.000	200.000	77/02	77/08
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/07	77/08
IRON	FE,TOT	UG/L	2	5690.00	6660.94	10400.0	980.000	77/07	77/08
LEAD	PB,TOT	UG/L	3	13.6667	7.23419	22.0000	9.00000	77/02	77/08
MANGNESE	MN	UG/L	1	270.000		270.000	270.000	77/08	77/08
NICKEL	NI,TOTAL	UG/L	2	350.000	353.553	600.000	100.000	77/02	77/07
ZINC	ZN,TOT	UG/L	3	116.667	32.1457	140.000	80.0000	77/02	77/08
ALUMINUM	AL,TOT	UG/L	1	800.000		800.000	800.000	77/02	77/02
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/02	77/02
FEC COLI	MFM-FCBR	/100ML	2	2051.00	2897.72	4100.00	2.00000	77/02	77/07
FECSTREP	MF M-ENT	/100ML	2	890.000	1145.51	1700.00	80.0000	77/02	77/07
PHENOLS	TOTAL	UG/L	4	11.7500	2.50000	15.0000	9.00000	77/02	77/08
MBAS		MG/L	4	.440000	.103603	.580000	.340000	77/02	77/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	77/07	77/07

TABLE RD 1-96

STATION NUMBER 602120
40 55 45.0 080 52 08.0 2
MIDDLE FK L BEAVER CR NEAR SALEM
OHIO RIVER (LITTLE BEAVER CREEK)
MILES 0953.80 0941.50 018.80 052.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	20.0000		20.0000	20.0000	78/08	78/08
CNDUCTVY	FIELD	MICROMHO	1	800.000		800.000	800.000	78/08	78/08
DO		MG/L	1	1.60000		1.60000	1.60000	78/08	78/08
COD	LOWLEVEL	MG/L	1	17.0000		17.0000	17.0000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	6.86000		6.86000	6.86000	78/08	78/08
NO2-N	TOTAL	MG/L	1	1.62000		1.62000	1.62000	78/08	78/08
NO3-N	TOTAL	MG/L	1	1.70000		1.70000	1.70000	78/08	78/08
TOT KJEL	N	MG/L	1	7.40000		7.40000	7.40000	78/08	78/08
PHOS-TOT		MG/L P	1	3.65000		3.65000	3.65000	78/08	78/08
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/08	78/08
TOT HARD	CACO3	MG/L	1	291.000		291.000	291.000	78/08	78/08
FLUORIDE	F,DISS	MG/L	1	1.19000		1.19000	1.19000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	460.000		460.000	460.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	13.0000		13.0000	13.0000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	7.00000		7.00000	7.00000	78/08	78/08
MBAS		MG/L	1	.210000		.210000	.210000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-97

STATION NUMBER 612010
40 42 53.0 080 32 41.0 2
N FK L BEAVER CR AT FREDERICTOWN
OHIO RIVER (LITTLE BEAVER CREEK)
MILES 0953.80 0941.50 010.80 000.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	10.3333	4.04147	14.0000	6.00000	77/10	78/05
CNDUCTVY	FIELD	MICROMHO	3	480.000	65.5744	550.000	420.000	77/11	78/05
DO		MG/L	3	10.7333	1.10618	11.9000	9.70000	77/10	78/05
BOD	5 DAY	MG/L	2	1.40000	.565685	1.80000	1.00000	77/10	78/05
COD	LOWLEVEL	MG/L	4	11.5000	8.38650	24.0000	6.00000	77/10	78/05
PH		SU	4	6.92500	.340434	7.40000	6.60000	77/10	78/05
T ALK	CACO3	MG/L	1	145.000		145.000	145.000	77/10	77/10
T ACDITY	CACO3	MG/L	1	1.00000		1.00000	1.00000	77/10	77/10
RESIDUE	TOTAL	MG/L	1	656.000		656.000	656.000	77/10	77/10
RESIDUE	DISS-105	C MG/L	2	479.000	94.7523	546.000	412.000	77/10	78/05
RESIDUE	TOT NFLT	MG/L	3	36.0000	45.0333	88.0000	10.0000	77/10	78/05
NH3+NH4-	N TOTAL	MG/L	4	.399999	.554857	1.23000	.070000	77/10	78/05
NO2-N	TOTAL	MG/L	1	.050000		.050000	.050000	78/01	78/01
NO3-N	TOTAL	MG/L	1	1.51000		1.51000	1.51000	78/01	78/01
TOT KJEL	N	MG/L	1	.200000		.200000	.200000	78/01	78/01
PHOS-TOT		MG/L P	3	.796666	.760351	1.57000	.050000	77/10	78/01
T ORG C	C	MG/L	4	7.50000	2.51661	11.0000	5.00000	77/10	78/05
TOT HARD	CACO3	MG/L	3	349.333	61.3306	418.000	300.000	77/10	78/05
CHLORIDE	CL	MG/L	2	67.0000	19.7990	81.0000	53.0000	77/10	78/01
FLUORIDE	F,DISS	MG/L	1	.250000		.250000	.250000	77/10	77/10
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/01	78/01
IRON	FE,TOT	UG/L	3	373.333	104.084	490.000	290.000	77/10	78/05
LEAD	PB,TOT	UG/L	3	10.6667	9.81496	22.0000	5.00000	77/10	78/05
MANGNESE	MN	UG/L	2	320.000	240.416	490.000	150.000	77/10	78/01
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/05	78/05
ALUMINUM	AL,TOT	UG/L	1	500.000		500.000	500.000	78/01	78/01
FEC COLI	MFM-FCBR	/100ML	2	137.500	130.815	230.000	45.0000	77/10	78/05
FECSTREP	MF M-ENT	/100ML	2	37.0000	39.5980	65.0000	9.00000	77/10	78/05
PHENOLS	TOTAL	UG/L	4	5.00000	3.55903	9.00000	2.00000	77/10	78/05
MBAS		MG/L	2	.525000	.671752	1.00000	.050000	77/10	78/01

TABLE RD 1-98

STATION NUMBER 612010
40 42 53.0 080 32 41.0 2
N FK L BEAVER CR AT FREDERICTOWN
OHIO RIVER (LITTLE BEAVER CREEK)
MILES 0953.80 0941.50 010.80 000.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	11.8750	9.22293	23.0000	.500000	78/07	79/05
CNDUCTVY	FIELD	MICROMHO	3	675.666	197.679	900.000	527.000	78/07	79/05
DO		MG/L	4	10.3750	2.10457	13.2000	8.30000	78/07	79/05
COD	LOWLEVEL	MG/L	4	18.1000	11.7604	34.0000	9.00000	78/07	79/05
PH		SU	4	7.97499	.403240	8.40000	7.50000	78/07	79/05
RESIDUE	DISS-105	C MG/L	2	552.000	43.8406	583.000	521.000	78/07	79/05
RESIDUE	TOT NFLT	MG/L	4	10.0000	.000000	10.0000	10.0000	78/07	79/05
NH3+NH4-	N TOTAL	MG/L	4	.062500	.015000	.080000	.050000	78/07	79/05
NO2-N	TOTAL	MG/L	4	.022500	.025000	.060000	.010000	78/07	79/05
NO3-N	TOTAL	MG/L	4	.630000	.353365	.930000	.220000	78/07	79/05
TOT KJEL	N	MG/L	4	.325000	.170783	.500000	.100000	78/07	79/05
PHOS-TOT		MG/L P	4	.065000	.019149	.090000	.050000	78/07	79/05
TOT HARD	CACO3	MG/L	4	349.250	64.2981	417.000	272.000	78/07	79/05
CHLORIDE	CL	MG/L	3	47.3333	27.7909	69.0000	16.0000	78/07	79/05
FLUORIDE	F,DISS	MG/L	2	.230000	.000000	.230000	.230000	78/07	78/10
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/07	79/01
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/07	79/01
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/05
IRON	FE,TOT	UG/L	4	330.000	134.907	530.000	240.000	78/07	79/05
LEAD	PB,TOT	UG/L	4	37.2500	41.8200	98.0000	6.00000	78/07	79/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/10	79/01
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/05
FEC COLI	MFM-FCBR	/100ML	2	230.000	183.848	360.000	100.000	78/10	79/05
FECSTREP	MF M-ENT	/100ML	2	88.0000	73.5391	140.000	36.0000	78/10	79/05
PHENOLS	TOTAL	UG/L	4	2.75000	.957427	4.00000	2.00000	78/07	79/05
MBAS		MG/L	3	.060000	.017321	.080000	.050000	78/07	79/05
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/07	79/01

TABLE RD 1-99

STATION NUMBER 612000
40 42 38.0 080 41 49.0 2
W FK L BEAVER CR NR GUILFORD
OHIO RIVER (LITTLE BEAVER CREEK)
MILES 0953.80 0941.50 018.80 006.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	17.6750	11.5595	25.0000	.700000	77/05	78/06
CNDUCTVY	FIELD	MICROMHO	3	433.333	179.258	640.000	320.000	77/05	78/06
DO		MG/L	4	8.47499	2.55002	12.0000	6.20000	77/05	78/06
COD	LOWLEVEL	MG/L	2	5.50000	2.12132	7.00000	4.00000	77/05	78/02
PH		SU	4	7.15000	.310950	7.40000	6.70000	77/05	78/06
RESIDUE	DISS-105	C MG/L	1	377.000		377.000	377.000	78/02	78/02
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/02	78/02
NH3+NH4-	N TOTAL	MG/L	3	1.20333	1.09519	2.31000	.120000	77/05	78/02
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/02	78/02
NO3-N	TOTAL	MG/L	1	3.55000		3.55000	3.55000	78/02	78/02
TOT KJEL	N	MG/L	1	1.20000		1.20000	1.20000	78/02	78/02
PHOS-TOT		MG/L P	2	.120000	.098995	.190000	.050000	77/05	78/02
PHOS-DIS		MG/L P	1	.050000		.050000	.050000	77/05	77/05
T ORG C	C	MG/L	2	3.00000	.000000	3.00000	3.00000	77/05	78/02
TOT HARD	CACO3	MG/L	2	252.500	12.0208	261.000	244.000	77/05	78/02
CHLORIDE	CL	MG/L	2	38.5000	14.8492	49.0000	28.0000	77/05	78/02
FLUORIDE	F,DISS	MG/L	1	.270000		.270000	.270000	78/02	78/02
IRON	FE,TOT	UG/L	2	360.000	14.1421	370.000	350.000	77/05	78/02
MANGNESE	MN	UG/L	2	355.000	219.203	510.000	200.000	77/05	78/02
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	77/05	77/05
FEC COLI	MFM-FCBR	/100ML	1	2400.00		2400.00	2400.00	78/06	78/06
FECSTREP	MF M-ENT	/100ML	1	2600.00		2600.00	2600.00	78/06	78/06
PHENOLS	TOTAL	UG/L	3	4.66667	3.78594	9.00000	2.00000	77/05	78/02
MBAS		MG/L	2	.170000	.113137	.250000	.090000	77/05	78/02

TABLE RD 1-100

STATION NUMBER 612000
40 42 38.0 080 41 49.0 2
W FK L BEAVER CR NR GUILFORD
OHIO RIVER (LITTLE BEAVER CREEK)
MILES 0953.80 0941.50 018.80 006.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	15.0000	7.33712	22.0000	5.00000	78/07	79/05
CNDUCTVY	FIELD	MICROMHO	4	688.000	359.299	1080.00	330.000	78/07	79/05
DO		MG/L	4	8.15000	1.73686	9.80000	6.60000	78/07	79/05
COD	LOWLEVEL	MG/L	4	7.50000	3.10913	11.0000	4.00000	78/07	79/05
PH		SU	4	7.45000	.369755	7.90000	7.00000	78/07	79/05
RESIDUE	DISS-105	C MG/L	3	440.000	139.129	563.000	289.000	78/07	79/05
RESIDUE	TOT NFLT	MG/L	4	10.0000	.000000	10.0000	10.0000	78/07	79/05
NH3+NH4-	N TOTAL	MG/L	4	1.26750	1.73521	3.86000	.190000	78/07	79/05
NO2-N	TOTAL	MG/L	4	.542500	.591009	1.25000	.040000	78/07	79/05
NO3-N	TOTAL	MG/L	4	9.91999	8.10258	20.1500	2.52000	78/07	79/05
TOT KJEL	N	MG/L	3	3.03333	1.96554	4.50000	.800000	78/09	79/05
PHOS-TOT		MG/L P	4	.394999	.690000	1.43000	.050000	78/07	79/05
TOT HARD	CACO3	MG/L	4	331.000	132.230	487.000	206.000	78/07	79/05
CHLORIDE	CL	MG/L	4	80.0000	78.6087	184.000	12.0000	78/07	79/05
FLUORIDE	F,DISS	MG/L	3	.276667	.057735	.310000	.210000	78/07	78/11
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	79/05	79/05
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/07	78/11
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/07	78/11
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/05
IRON	FE,TOT	UG/L	4	460.000	65.8280	530.000	390.000	78/07	79/05
LEAD	PB,TOT	UG/L	4	16.7500	16.3580	41.0000	6.00000	78/07	79/05
MANGNESE	MN	UG/L	1	200.000		200.000	200.000	79/05	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/07	79/05
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/05
FEC COLI	MFM-FCBR	/100ML	2	375.000	233.345	540.000	210.000	78/11	79/05
FECSTREP	MF M-ENT	/100ML	2	605.000	700.036	1100.00	110.000	78/11	79/05
PHENOLS	TOTAL	UG/L	4	2.75000	1.50000	5.00000	2.00000	78/07	79/05
MBAS		MG/L	4	.217500	.172119	.440000	.050000	78/07	79/05
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/07	78/09

TABLE RD 1-101

STATION NUMBER 602090
40 42 17.0 080 45 57.0 2
CHEMLINE TRIB. NR LISBON
OHIO RIVER (LITTLE BEAVER CREEK)
MILES 0953.80 0941.50 018.80 013.50 000.03

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	12.8917	5.97304	21.0000	.200000	77/11	78/06
CNDUCTVY	FIELD	MICROMHO	17	4612.64	3163.33	10750.0	475.000	77/02	78/06
CNDUCTVY	AT 25C	MICROMHO	6	4621.66	3165.53	8540.00	810.000	77/04	78/02
DO		MG/L	11	9.36363	1.32763	13.0000	7.80000	78/02	78/06
BOD	5 DAY	MG/L	7	2.12857	.926846	3.80000	1.00000	77/02	78/06
COD	LOWLEVEL	MG/L	21	12.4286	7.73675	33.0000	4.00000	77/02	78/06
PH		SU	22	8.49318	1.41172	10.6000	5.50000	77/02	78/06
LAB	PH	SU	18	8.30555	1.52682	10.4000	4.60000	77/02	78/06
T ALK	CACO3	MG/L	5	96.8000	87.3425	220.000	11.0000	77/02	77/11
T ACDITY	CACO3	MG/L	5	1.80000	1.48324	4.00000	.000000	77/02	77/11
RESIDUE	TOTAL	MG/L	11	4601.45	2221.36	7800.00	1400.00	77/02	78/01
RESIDUE	DISS-105	C MG/L	22	4701.00	2173.06	7800.00	1140.00	77/02	78/06
RESIDUE	TOT NFLT	MG/L	23	38.2609	21.8595	96.0000	10.0000	77/02	78/06
NH3+NH4-	N TOTAL	MG/L	22	84.9545	48.2424	167.000	.800000	77/02	78/06
NO2-N	TOTAL	MG/L	19	.146842	.123020	.490000	.010000	77/02	78/06
NO3-N	TOTAL	MG/L	17	244.229	118.208	494.000	71.7000	77/03	78/06
TOT KJEL	N	MG/L	18	89.5055	54.4426	179.000	1.20000	77/02	78/06
PHOS-TOT		MG/L P	22	5.66772	11.4198	46.0000	.050000	77/02	78/06
PHOS-DIS		MG/L P	3	.060000	.017321	.080000	.050000	77/05	77/10
T ORG C	C	MG/L	19	3.21579	2.51402	9.00000	.000000	77/02	78/05
CYANIDE	CN-TOT	MG/L	2	.070000	.070711	.120000	.020000	77/02	77/12
TOT HARD	CACO3	MG/L	19	2594.68	1561.88	5180.00	16.0000	77/02	78/06
CALCIUM	CA-TOT	MG/L	3	191.000	129.988	314.000	55.0000	77/02	77/08
MGNSIUM	MG,TOT	MG/L	2	53.0000	15.5563	64.0000	42.0000	77/02	77/04
SODIUM	NA,TOT	MG/L	3	30.0000	13.2288	40.0000	15.0000	77/02	77/08
PTSSIUM	K,TOT	MG/L	2	3.75000	.919231	4.40000	3.10000	77/02	77/04
CHLORIDE	CL	MG/L	22	1173.14	728.935	2640.00	189.000	77/02	78/06
SULFATE	SO4-TOT	MG/L	8	553.125	307.551	1040.00	192.000	77/02	78/03
FLUORIDE	F,DISS	MG/L	18	1.58555	.928204	3.80000	.180000	77/02	78/06
SILICA	DISOLVED	MG/L	1	4.01000		4.01000	4.01000	77/09	77/09

TABLE RD 1-101 (Continued)

STATION NUMBER 602090
40 42 17.0 080 45 57.0 2
CHEMLINE TRIB. NR LISBON
OHIO RIVER (LITTLE BEAVER CREEK)
MILES 0953.80 0941.50 018.80 013.50 000.03

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	5	10.0000	.000000	10.0000	10.0000	77/02	78/01
BARIUM	BA,TOT	UG/L	4	200.000	.000000	200.000	200.000	77/02	77/08
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	77/04	77/08
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/02	78/02
COPPER	CU,TOT	UG/L	16	61.8750	66.1532	300.000	30.0000	77/02	78/06
IRON	FE,TOT	UG/L	24	7958.12	20215.8	91000.0	480.000	77/02	78/06
LEAD	PB,TOT	UG/L	6	7.00000	3.16228	12.0000	5.00000	77/02	78/01
MANGNESE	MN	UG/L	19	3278.42	6198.91	27000.0	190.000	77/02	78/06
NICKEL	NI,TOTAL	UG/L	14	507.857	809.617	3100.00	100.000	77/02	78/06
ZINC	ZN,TOT	UG/L	16	315.312	551.940	2080.00	30.0000	77/02	78/06
ALUMINUM	AL,TOT	UG/L	5	1680.00	2299.35	5600.00	200.000	77/04	78/03
SELENIUM	SE,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/02	77/07
FEC COLI	MFM-FCBR	/100ML	5	60.4000	74.4668	190.000	9.00000	77/02	78/06
FECSTREP	MF M-ENT	/100ML	5	1238.60	2551.28	5800.00	23.0000	77/02	78/06
PHENOLS	TOTAL	UG/L	26	180.808	721.015	3700.00	2.00000	77/02	78/06
MBAS		MG/L	25	4.06639	1.93867	7.30000	1.08000	77/02	78/06
PCBS	WHL SMPL	UG/L	2	.500000	.000000	.500000	.500000	77/02	78/03

TABLE RD 1-102

STATION NUMBER 602090
40 42 17.0 080 45 57.0 2
CHEMLINE TRIB. NR LISBON
OHIO RIVER (LITTLE BEAVER CREEK)
MILES 0953.80 0941.50 018.80 013.50 000.03

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	16	8.57500	9.14713	23.0000	.000000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	16	8570.81	5003.55	18000.0	2550.00	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	3	11633.3	3477.54	14300.0	7700.00	78/08	79/05
DO		MG/L	16	11.3000	2.26922	14.3000	7.70000	78/07	79/06
COD	LOWLEVEL	MG/L	7	6.28571	4.49868	16.0000	3.00000	78/08	79/06
PH		SU	14	8.64285	.970928	9.80000	6.00000	78/07	79/06
LAB	PH	SU	6	8.98333	.727796	10.0000	8.10000	78/08	79/05
T ALK	CACO3	MG/L	1	56.0000		56.0000	56.0000	78/08	78/08
RESIDUE	TOTAL	MG/L	2	8999.50	3587.15	11536.0	6463.00	79/02	79/03
RESIDUE	DISS-105	C MG/L	13	9571.38	4377.31	16000.0	3850.00	78/07	79/05
RESIDUE	TOT NFLT	MG/L	6	70.5000	52.7210	169.000	25.0000	78/08	79/05
NH3+NH4-	N TOTAL	MG/L	16	122.786	70.2174	234.000	2.08000	78/07	79/06
NO2-N	TOTAL	MG/L	7	.328571	.384509	1.15000	.060000	78/08	79/06
NO3-N	TOTAL	MG/L	6	271.833	132.545	458.000	133.000	79/01	79/06
TOT KJEL	N	MG/L	5	112.300	56.6918	196.000	45.5000	78/08	79/05
PHOS-TOT		MG/L P	15	.190666	.399794	1.59000	.050000	78/07	79/06
CYANIDE	CN-TOT	MG/L	6	.035000	.019748	.070000	.010000	79/01	79/06
TOT HARD	CACO3	MG/L	5	4434.60	2112.44	6690.00	2423.00	79/01	79/05
CALCIUM	CA-TOT	MG/L	1	3500.00		3500.00	3500.00	78/08	78/08
MGNSIUM	MG,TOT	MG/L	1	165.000		165.000	165.000	78/08	78/08
SODIUM	NA,TOT	MG/L	1	198.000		198.000	198.000	78/08	78/08
PTSSIUM	K,TOT	MG/L	1	23.5000		23.5000	23.5000	78/08	78/08
CHLORIDE	CL	MG/L	7	2271.14	1801.14	5300.00	308.000	78/08	79/06
SULFATE	SO4-TOT	MG/L	1	830.000		830.000	830.000	78/08	78/08
FLUORIDE	F,DISS	MG/L	7	1.91714	1.55969	5.20000	.780000	78/08	79/06
ARSENIC	AS,TOT	UG/L	3	42.3333	24.3790	70.0000	24.0000	79/03	79/06
BARIUM	BA,TOT	UG/L	2	600.000	565.686	1000.00	200.000	79/03	79/06
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	79/01	79/04
CHROMIUM	HEX-VAL	UG/L	1	50.0000		50.0000	50.0000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	3	23.3333	11.5470	30.0000	10.0000	78/08	79/04
COPPER	CU,TOT	UG/L	6	41.6667	13.2917	60.0000	30.0000	78/08	79/06
IRON	FE,TOT	UG/L	15	6881.33	8791.17	36000.0	990.000	78/07	79/06
LEAD	PB,TOT	UG/L	6	95.6667	160.917	417.000	5.00000	78/08	79/06
MANGNESE	MN	UG/L	6	11208.3	5494.41	18800.0	4000.00	79/01	79/06
NICKEL	NI,TOTAL	UG/L	6	516.666	160.209	700.000	300.000	78/08	79/06
ZINC	ZN,TOT	UG/L	6	225.000	59.9166	300.000	140.000	78/08	79/06
FEC COLI	MFM-FCBR	/100ML	1	17.0000		17.0000	17.0000	79/02	79/02
FECSTREP	MF M-ENT	/100ML	1	220.000		220.000	220.000	79/02	79/02
PHENOLS	TOTAL	UG/L	15	30.7333	98.9556	388.000	2.00000	78/07	79/06
MBAS		MG/L	14	6.11928	3.13765	10.3000	1.68000	78/07	79/06
PCBS	WHL SMPL	UG/L	2	.500000	.000000	.500000	.500000	78/08	78/12
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/08	79/04

TABLE RD 1-103

STATION NUMBER 602060
40 47 35.0 080 31 20.0 2
E BR STATELINE C NR NEGLEY
OHIO RIVER (L. BEAVER CREEK)
MILES 0953.80 0941.50 010.80 007.70 000.30 000.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	15.7500	1.76777	17.0000	14.5000	78/05	78/06
TURB	JKSN	JTU	1	10.0000		10.0000	10.0000	77/01	77/01
CNDUCTVY	FIELD	MICROMHO	12	2631.25	997.870	4850.00	1220.00	77/01	78/06
CNDUCTVY	AT 25C	MICROMHO	3	4248.33	3241.84	7300.00	845.000	77/06	77/08
DO		MG/L	1	10.0000		10.0000	10.0000	78/06	78/06
BOD	5 DAY	MG/L	7	117.714	190.076	420.000	1.30000	77/01	78/04
COD	LOWLEVEL	MG/L	18	121.778	170.608	521.000	4.00000	77/01	78/06
PH		SU	17	6.62352	.484170	7.70000	5.90000	77/01	78/06
LAB	PH	SU	9	6.88666	.898387	7.68000	5.00000	77/01	78/05
T ALK	CACO3	MG/L	7	88.0000	67.3449	228.000	21.0000	77/02	77/11
T ACDITY	CACO3	MG/L	7	42.7143	51.1199	135.000	8.00000	77/02	77/11
RESIDUE	TOTAL	MG/L	10	4067.60	1170.44	6350.00	2681.00	77/01	77/12
RESIDUE	DISS-105	C MG/L	16	3181.62	1188.11	5750.00	1290.00	77/01	78/06
RESIDUE	TOT NFLT	MG/L	16	32.2500	41.7013	162.000	2.00000	77/01	78/06
NH3+NH4-	N TOTAL	MG/L	19	10.3805	4.27328	19.6000	3.10000	77/01	78/06
NO2-N	TOTAL	MG/L	13	.156153	.107900	.460000	.080000	77/01	78/06
NO3-N	TOTAL	MG/L	13	7.23077	2.78378	13.6000	4.85000	77/01	78/06
TOT KJEL	N	MG/L	13	11.4154	4.24988	22.4000	5.50000	77/01	78/06
PHOS-TOT		MG/L P	13	.823076	1.92213	7.10000	.050000	77/01	78/06
T ORG C	C	MG/L	17	62.6529	73.1651	242.000	5.30000	77/01	78/05
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/01	78/04
TOT HARD	CACO3	MG/L	17	2094.12	818.211	3735.00	798.000	77/01	78/06
CHLORIDE	CL	MG/L	19	1306.26	533.938	2460.00	448.000	77/01	78/06
SULFATE	SO4-TOT	MG/L	7	539.571	179.856	725.000	282.000	77/01	78/03
FLUORIDE	F,DISS	MG/L	12	.337500	.066896	.450000	.250000	77/01	78/06
ARSENIC	AS,TOT	UG/L	7	10.4286	.786829	12.0000	10.0000	77/01	77/12
BARIUM	BA,TOT	UG/L	6	216.667	40.8251	300.000	200.000	77/03	78/02
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/02	78/05
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/03	77/03
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/11	77/11
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/04	78/05
IRON	FE,TOT	UG/L	19	23234.2	29239.5	81000.0	620.000	77/01	78/06
LEAD	PB,TOT	UG/L	9	6.33333	2.17946	10.0000	5.00000	77/01	78/05
MANGNESE	MN	UG/L	15	5442.66	3012.76	12000.0	300.000	77/01	78/06
NICKEL	NI,TOTAL	UG/L	8	147.500	44.9603	200.000	100.000	77/01	78/05
ZINC	ZN,TOT	UG/L	7	144.286	79.3426	260.000	30.0000	77/02	78/05
ALUMINUM	AL,TOT	UG/L	4	400.000	141.421	500.000	200.000	77/01	78/03
SELENIUM	SE,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	77/01	77/01
FEC COLI	MFM-FCBR	/100ML	2	8.00000	1.41421	9.00000	7.00000	78/03	78/04
FECSTREP	MF M-ENT	/100ML	2	15.0000	11.3137	23.0000	7.00000	78/03	78/04
PHENOLS	TOTAL	UG/L	19	82.0526	110.027	452.000	2.00000	77/01	78/06
MBAS		MG/L	18	.523333	.185536	.880000	.260000	77/01	78/05
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	78/03	78/03
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	77/02	78/05

TABLE RD 1-104

STATION NUMBER 602060
40 47 35.0 080 31 20.0 2
E BR STATELINE C NR NEGLEY
OHIO RIVER (L. BEAVER CREEK)
MILES 0953.80 0941.50 010.80 007.70 000.30 000.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	10.2667	7.27753	21.0000	1.00000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	11	2164.18	862.220	3250.00	255.000	78/08	79/06
CNDUCTVY	AT 25C	MICROMHO	1	2900.00		2900.00	2900.00	79/03	79/03
DO		MG/L	11	10.8182	2.50393	14.6000	7.50000	78/07	79/06
COD	LOWLEVEL	MG/L	12	12.8583	12.9535	52.3000	4.00000	78/07	79/06
PH		SU	9	7.72221	.277426	8.40000	7.40000	78/07	79/06
LAB	PH	SU	6	7.83333	.196776	8.00000	7.50000	78/09	79/05
RESIDUE	TOTAL	MG/L	2	2581.00	343.654	2824.00	2338.00	79/02	79/03
RESIDUE	DISS-105	C MG/L	12	2569.00	445.880	3300.00	1868.00	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	10.8333	2.88676	20.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	7.61916	2.40393	9.67000	1.16000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.167500	.161759	.450000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	4.74583	2.14630	8.86000	.200000	78/07	79/06
TOT KJEL	N	MG/L	8	8.94999	3.31448	12.1000	1.20000	78/08	79/06
PHOS-TOT		MG/L P	12	.054167	.014434	.100000	.050000	78/07	79/06
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	78/09	79/04
TOT HARD	CACO3	MG/L	8	1394.62	280.229	1690.00	877.000	78/07	79/06
CHLORIDE	CL	MG/L	12	695.500	339.176	1050.00	133.000	78/07	79/06
FLUORIDE	F,DISS	MG/L	12	.370833	.036795	.430000	.320000	78/07	79/06
CADMIUM	CD,TOT	UG/L	3	6.66667	2.88676	10.0000	5.00000	78/09	79/04
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/04
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/04
IRON	FE,TOT	UG/L	12	1109.17	497.767	2360.00	500.000	78/07	79/06
LEAD	PB,TOT	UG/L	3	8.66667	1.52755	10.0000	7.00000	78/09	79/04
MANGNESE	MN	UG/L	12	2867.50	1063.37	4050.00	520.000	78/07	79/06
NICKEL	NI,TOTAL	UG/L	3	133.333	57.7352	200.000	100.000	78/09	79/04
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/04
FEC COLI	MFM-FCBR	/100ML	1	28.0000		28.0000	28.0000	78/11	78/11
FECSTREP	MF M-ENT	/100ML	1	36.0000		36.0000	36.0000	78/11	78/11
PHENOLS	TOTAL	UG/L	11	16.6363	16.6089	53.0000	2.00000	78/07	79/06
MBAS		MG/L	3	.393333	.150445	.490000	.220000	78/11	79/04
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/09	79/04

TABLE RD 1-105

STATION NUMBER 602050
40 47 36.0 080 31 21.0 2
W BR STATELINE CR NR NEGLEY
OHIO RIVER (LITTLE BEAVER CRK.)
MILES 0953.80 0941.50 010.80 007.70 000.30 000.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	16.0000	1.41421	17.0000	15.0000	78/05	78/06
TURB	JKSN	JTU	1	200.000		200.000	200.000	77/01	77/01
CNDUCTVY	FIELD	MICROMHO	12	2987.50	1712.54	7000.00	1200.00	77/01	78/06
CNDUCTVY	AT 25C	MICROMHO	3	1156.67	73.7157	1240.00	1100.00	77/06	77/08
DO		MG/L	1	7.00000		7.00000	7.00000	78/06	78/06
BOD	5 DAY	MG/L	4	157.800	311.468	625.000	1.00000	77/01	77/09
COD	LOWLEVEL	MG/L	18	276.778	299.844	876.000	4.00000	77/01	78/06
PH		SU	17	6.78823	.504829	7.70000	6.10000	77/01	78/06
LAB	PH	SU	9	7.04222	.903670	7.80000	5.28000	77/01	78/05
T ALK	CACO3	MG/L	6	196.667	158.737	441.000	77.0000	77/02	77/11
T ACDITY	CACO3	MG/L	5	44.8000	82.6359	192.000	2.00000	77/02	77/11
RESIDUE	TOTAL	MG/L	10	3424.40	2535.69	6718.00	788.000	77/01	77/12
RESIDUE	DISS-105	C MG/L	16	2821.50	1858.03	6140.00	674.000	77/01	78/06
RESIDUE	TOT NFLT	MG/L	17	45.4118	96.8808	412.000	10.0000	77/01	78/06
NH3+NH4-	N TOTAL	MG/L	19	.869473	.855422	2.62000	.070000	77/01	78/06
NO2-N	TOTAL	MG/L	12	.023333	.015570	.060000	.010000	77/01	78/06
NO3-N	TOTAL	MG/L	12	.394166	.333261	1.18000	.080000	77/01	78/06
TOT KJEL	N	MG/L	11	2.33636	1.48746	4.40000	.300000	77/01	78/06
PHOS-TOT		MG/L P	13	.227692	.438580	1.65000	.050000	77/01	78/06
T ORG C	C	MG/L	16	175.406	245.894	855.000	1.00000	77/01	78/05
CYANIDE	CN-TOT	MG/L	3	.013333	.005773	.020000	.010000	77/01	78/04
TOT HARD	CACO3	MG/L	17	1611.94	1228.37	4520.00	486.000	77/01	78/06
CHLORIDE	CL	MG/L	19	846.895	896.829	2840.00	80.0000	77/01	78/06
SULFATE	SO4-TOT	MG/L	6	356.166	108.989	490.000	221.000	77/01	78/03
FLUORIDE	F,DISS	MG/L	12	.298333	.069785	.430000	.210000	77/01	78/06
ARSENIC	AS,TOT	UG/L	6	10.0000	.000000	10.0000	10.0000	77/01	77/12
BARIUM	BA,TOT	UG/L	4	325.000	150.000	500.000	200.000	77/03	78/02
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/02	78/05
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/03	77/03
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/11	78/05
COPPER	CU,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	77/03	78/05
IRON	FE,TOT	UG/L	18	25711.7	56562.3	199500	800.000	77/01	78/06
LEAD	PB,TOT	UG/L	9	6.55556	2.35113	10.0000	5.00000	77/01	78/05
MANGNESE	MN	UG/L	15	3805.33	5676.55	18400.0	760.000	77/01	78/06
NICKEL	NI,TOTAL	UG/L	7	138.571	49.1355	200.000	100.000	77/01	78/05
ZINC	ZN,TOT	UG/L	7	92.8571	86.1615	270.000	30.0000	77/02	78/05
ALUMINUM	AL,TOT	UG/L	5	860.000	1314.53	3200.00	200.000	77/01	78/03
SELENIUM	SE,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	77/01	77/07
FEC COLI	MFM-FCBR	/100ML	2	71.5000	96.8736	140.000	3.00000	78/03	78/04
FECSTREP	MF M-ENT	/100ML	2	5001.50	7068.94	10000.0	3.00000	78/03	78/04
PHENOLS	TOTAL	UG/L	18	58.2222	56.6014	177.000	2.00000	77/01	78/06
MBAS		MG/L	18	.360000	.307513	1.03000	.050000	77/01	78/05
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	78/03	78/03
MERCURY	HG,TOTAL	UG/L	2	.550000	.070715	.600000	.500000	77/02	78/05

TABLE RD 1-106

STATION NUMBER 602050
40 47 36.0 080 31 21.0 2
W BR STATELINE CR NR NEGLEY
OHIO RIVER (LITTLE BEAVER CRK.)
MILES 0953.80 0941.50 010.80 007.70 000.30 000.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	10.4667	7.97967	22.0000	.200000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	11	2239.18	1362.13	4800.00	222.000	78/08	79/06
CNDUCTVY	AT 25C	MICROMHO	1	1380.00		1380.00	1380.00	79/03	79/03
DO		MG/L	11	10.5909	2.70905	14.4000	7.00000	78/07	79/06
COD	LOWLEVEL	MG/L	12	153.425	137.705	434.000	8.90000	78/07	79/06
PH		SU	9	7.78888	.488547	8.50000	6.70000	78/07	79/06
LAB	PH	SU	6	7.80000	.451722	8.20000	7.00000	78/09	79/05
RESIDUE	TOTAL	MG/L	2	1886.00	1006.92	2598.00	1174.00	79/02	79/03
RESIDUE	DISS-105	C MG/L	12	2749.00	1020.81	4130.00	964.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	12.5000	9.30786	42.0000	8.00000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	1.94333	1.79127	7.27000	.210000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.035833	.029987	.120000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	.655833	1.29473	4.74000	.100000	78/07	79/06
TOT KJEL	N	MG/L	11	2.92727	2.14667	8.50000	.400000	78/07	79/06
PHOS-TOT		MG/L P	12	.051667	.005774	.070000	.050000	78/07	79/06
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	78/09	79/04
TOT HARD	CACO3	MG/L	8	1649.12	787.116	2620.00	196.000	78/07	79/06
CHLORIDE	CL	MG/L	12	757.750	538.265	1620.00	134.000	78/07	79/06
FLUORIDE	F,DISS	MG/L	12	.322500	.075695	.440000	.200000	78/07	79/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/09	79/04
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/04
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/04
IRON	FE,TOT	UG/L	12	942.083	243.530	1370.00	590.000	78/07	79/06
LEAD	PB,TOT	UG/L	3	23.6667	16.1967	34.0000	5.00000	78/09	79/04
MANGNESE	MN	UG/L	12	1046.67	549.948	2180.00	310.000	78/07	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/09	79/04
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/04
FEC COLI	MFM-FCBR	/100ML	1	15.0000		15.0000	15.0000	78/11	78/11
FECSTREP	MF M-ENT	/100ML	1	4.00000		4.00000	4.00000	78/11	78/11
PHENOLS	TOTAL	UG/L	12	63.0833	45.3020	149.000	9.00000	78/07	79/06
MBAS		MG/L	3	.233333	.064291	.280000	.160000	78/11	79/04
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/09	79/04

TABLE RD 1-107

STATION NUMBER 600570
39 44 54.0 083 55 53.0 2
LITTLE MIAMI R. NEAR OLDTOWN
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 079.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	11.5909	9.58858	26.0000	.000000	77/07	78/06
STREAM	FLOW	CFS	8	334.250	517.070	1520.00	8.00000	77/09	78/06
TURB	JKSN	JTU	7	11.1571	16.6983	48.0000	1.00000	77/07	78/01
CNDUCTVY	AT 25C	MICROMHO	9	686.555	114.657	910.000	522.000	77/07	78/06
DO		MG/L	7	9.37142	3.59477	16.0000	5.00000	77/07	78/05
BOD	5 DAY	MG/L	4	1.82500	.590903	2.40000	1.00000	77/07	77/10
COD	LOWLEVEL	MG/L	10	10.0200	8.56891	28.0000	4.00000	77/07	78/06
PH		SU	3	7.20000	.100239	7.30000	7.10000	77/07	78/01
LAB	PH	SU	6	7.95666	.094528	8.10000	7.84000	77/09	78/06
T ALK	CACO3	MG/L	4	318.750	153.496	540.000	192.000	77/07	77/10
T ACDITY	CACO3	MG/L	4	10.7500	7.13559	17.0000	1.00000	77/07	77/10
RESIDUE	TOTAL	MG/L	8	450.500	50.0571	500.000	342.000	77/07	78/05
RESIDUE	TOT NFLT	MG/L	10	23.6000	22.1370	74.0000	3.00000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	12	.089166	.040779	.170000	.050000	77/07	78/06
NO3-N	TOTAL	MG/L	12	3.36916	1.99579	8.74000	1.52000	77/07	78/06
TOT KJEL	N	MG/L	12	.609250	.273811	1.00000	.200000	77/07	78/06
PHOS-TOT		MG/L P	12	.677500	.581207	1.93000	.170000	77/07	78/06
T ORG C	C	MG/L	7	6.95714	3.20097	11.0000	2.00000	77/07	78/03
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	77/07	78/06
TOT HARD	CACO3	MG/L	6	328.500	72.1408	402.000	243.000	77/08	78/06
CALCIUM	CA-TOT	MG/L	1	76.0000		76.0000	76.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	34.0000		34.0000	34.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	17.0000		17.0000	17.0000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	2.70000		2.70000	2.70000	77/09	77/09
CHLORIDE	CL	MG/L	2	29.0000	4.24264	32.0000	26.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	2	66.0000	4.24264	69.0000	63.0000	77/07	77/09
FLUORIDE	F,DISS	MG/L	3	.340000	.105358	.440000	.230000	77/09	78/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/09	78/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/09	78/06
COPPER	CU,TOT	UG/L	3	36.6667	11.5471	50.0000	30.0000	77/09	78/06
IRON	FE,TOT	UG/L	1	340.000		340.000	340.000	78/06	78/06
LEAD	PB,TOT	UG/L	3	9.66667	7.23419	18.0000	5.00000	77/09	78/06
MANGNESE	MN	UG/L	1	50.0000		50.0000	50.0000	77/09	77/09
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/09	78/06
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/09	78/06
ALUMINUM	AL,TOT	UG/L	1	500.000		500.000	500.000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	9	802.222	739.726	2000.00	130.000	77/07	78/06
PHENOLS	TOTAL	UG/L	4	2.25000	.500000	3.00000	2.00000	77/07	78/06
MBAS		MG/L	7	.098571	.019518	.120000	.070000	77/07	78/03
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/09	78/06

TABLE RD 1-108

STATION NUMBER 600570
39 44 54.0 083 55 53.0 2
LITTLE MIAMI R. NEAR OLDTOWN
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 079.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	11.1833	7.55668	21.5000	.000000	78/07	79/06
STREAM	FLOW	CFS	11	316.454	360.320	1170.00	8.00000	78/07	79/05
CNDUCTVY	AT 25C	MICROMHO	12	691.666	106.282	884.000	429.000	78/07	79/06
DO		MG/L	11	11.2364	2.52163	15.8000	8.20000	78/08	79/06
COD	LOWLEVEL	MG/L	12	9.62500	8.12730	33.0000	4.00000	78/07	79/06
PH		SU	6	7.88333	.172442	8.10000	7.60000	78/09	79/05
LAB	PH	SU	6	7.96666	.103645	8.10000	7.80000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	32.1667	48.2396	178.000	4.00000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	10	.107000	.063953	.200000	.050000	78/07	79/06
NO3-N	TOTAL	MG/L	12	4.52250	2.52700	9.45000	2.20000	78/07	79/06
TOT KJEL	N	MG/L	12	.525000	.435107	1.80000	.200000	78/07	79/06
PHOS-TOT		MG/L P	12	.201666	.162248	.540000	.050000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	365.000	27.8328	392.000	326.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.317500	.029861	.360000	.290000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	1430.00	791.960	1990.00	870.000	78/09	79/06
LEAD	PB,TOT	UG/L	4	10.7500	2.98608	15.0000	8.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	11	469.727	395.085	1100.00	13.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	2.00000	.000000	2.00000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-109

STATION NUMBER 610550
39 39 30.0 084 02 30.0 2
L MIAMI R NEAR BELLBROOK
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 068.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	15.0000	15.5563	26.0000	4.00000	78/03	78/06
CNDUCTVY	AT 25C	MICROMHO	1	800.000		800.000	800.000	78/06	78/06
COD	LOWLEVEL	MG/L	2	8.05000	5.72758	12.1000	4.00000	78/03	78/06
LAB	PH	SU	2	7.85000	.070637	7.90000	7.80000	78/03	78/06
RESIDUE	TOTAL	MG/L	1	396.000		396.000	396.000	78/03	78/03
RESIDUE	TOT NFLT	MG/L	2	35.5000	17.6777	48.0000	23.0000	78/03	78/06
NH3+NH4-	N TOTAL	MG/L	2	.599999	.593969	1.02000	.180000	78/03	78/06
NO3-N	TOTAL	MG/L	2	3.69000	1.17379	4.52000	2.86000	78/03	78/06
TOT KJEL	N	MG/L	2	1.60000	.565688	2.00000	1.20000	78/03	78/06
PHOS-TOT		MG/L P	2	.569999	.735391	1.09000	.050000	78/03	78/06
T ORG C	C	MG/L	1	6.70000		6.70000	6.70000	78/03	78/03
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	78/03	78/06
TOT HARD	CACO3	MG/L	2	322.500	88.3883	385.000	260.000	78/03	78/06
FLUORIDE	F,DISS	MG/L	2	.290000	.084853	.350000	.230000	78/03	78/06
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
COPPER	CU,TOT	UG/L	2	35.0000	7.07107	40.0000	30.0000	78/03	78/06
IRON	FE,TOT	UG/L	1	460.000		460.000	460.000	78/06	78/06
LEAD	PB,TOT	UG/L	2	6.00000	1.41421	7.00000	5.00000	78/03	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	2	40.0000	14.1421	50.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	2	3475.00	4136.57	6400.00	550.000	78/03	78/06
PHENOLS	TOTAL	UG/L	2	3.00000	1.41421	4.00000	2.00000	78/03	78/06
MBAS		MG/L	1	.130000		.130000	.130000	78/03	78/03
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/06

TABLE RD 1-110

STATION NUMBER 610550
39 39 30.0 084 02 30.0 2
L MIAMI R NEAR BELLBROOK
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 068.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	11.4500	6.40911	17.0000	5.80000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	4	798.750	70.3491	900.000	750.000	78/09	79/06
DO		MG/L	4	9.20000	3.73453	13.0000	5.00000	78/09	79/06
COD	LOWLEVEL	MG/L	4	10.1000	1.63707	12.2000	8.20000	78/09	79/06
PH		SU	3	7.86666	.231229	8.00000	7.60000	78/09	79/03
LAB	PH	SU	1	8.00000		8.00000	8.00000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	4	54.0000	32.7923	100.000	29.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	4	.545000	.447697	1.20000	.190000	78/09	79/06
NO3-N	TOTAL	MG/L	4	5.71250	2.60738	8.35000	2.27000	78/09	79/06
TOT KJEL	N	MG/L	4	1.40000	.883176	2.70000	.800000	78/09	79/06
PHOS-TOT		MG/L P	4	.644999	.732052	1.73000	.180000	78/09	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	368.500	27.1968	393.000	331.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.297500	.025000	.330000	.270000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	1940.00	127.279	2030.00	1850.00	78/09	79/06
LEAD	PB,TOT	UG/L	4	16.0000	13.4907	35.0000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	4	695.250	953.926	2100.00	63.0000	78/09	79/06
PHENOLS	TOTAL	UG/L	4	3.25000	1.89297	6.00000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-111

STATION NUMBER 600600
39 35 00.0 084 01 49.0 2
L MIAMI RIVER NR SPRING VALLEY
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 059.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	10	12.9000	9.53007	26.0000	3.50000	77/07	78/06
STREAM	FLOW	CFS	12	448.250	781.018	2883.00	84.0000	77/07	78/06
TURB	JKSN	JTU	7	13.7857	17.3969	50.0000	2.30000	77/07	78/01
CNDUCTVY	FIELD	MICROMHO	1	950.000		950.000	950.000	77/11	77/11
CNDUCTVY	AT 25C	MICROMHO	11	839.000	175.184	1150.00	581.000	77/07	78/06
DO		MG/L	7	8.07142	2.02215	10.2000	5.00000	77/07	78/05
BOD	5 DAY	MG/L	4	3.87500	1.13247	5.30000	2.60000	77/07	77/10
COD	LOWLEVEL	MG/L	12	12.1500	8.07595	28.0000	4.00000	77/07	78/06
PH		SU	3	7.23333	.513222	7.80000	6.80000	77/07	78/01
LAB	PH	SU	8	7.90875	.096138	8.00000	7.70000	77/09	78/06
T ALK	CACO3	MG/L	4	357.500	162.404	592.000	218.000	77/07	77/10
T ACDITY	CACO3	MG/L	4	11.0000	5.59762	16.0000	4.00000	77/07	77/10
RESIDUE	TOTAL	MG/L	8	551.500	75.7816	667.000	422.000	77/07	78/05
RESIDUE	TOT NFLT	MG/L	10	45.2000	34.3214	111.000	13.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	12	.439166	.243701	.760000	.070000	77/07	78/06
NO3-N	TOTAL	MG/L	12	4.03083	2.23522	9.71000	1.97000	77/07	78/06
TOT KJEL	N	MG/L	12	1.14083	.421046	1.80000	.200000	77/07	78/06
PHOS-TOT		MG/L P	12	1.14250	.902392	3.45000	.050000	77/07	78/06
T ORG C	C	MG/L	7	7.47143	4.74227	14.0000	.000000	77/07	78/03
CYANIDE	CN-TOT	MG/L	5	.010000	.000000	.010000	.010000	77/07	78/06
TOT HARD	CACO3	MG/L	6	346.666	58.7300	394.000	264.000	77/08	78/06
CALCIUM	CA-TOT	MG/L	1	92.0000		92.0000	92.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	38.0000		38.0000	38.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	62.0000		62.0000	62.0000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	4.30000		4.30000	4.30000	77/09	77/09
CHLORIDE	CL	MG/L	2	88.5000	6.36396	93.0000	84.0000	77/09	77/10
SULFATE	SO4-TOT	MG/L	2	68.5000	.707107	69.0000	68.0000	77/07	77/09
FLUORIDE	F,DISS	MG/L	4	.260000	.042428	.300000	.210000	77/09	78/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/12	78/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/09	78/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/09	78/06
IRON	FE,TOT	UG/L	1	1160.00		1160.00	1160.00	78/06	78/06
LEAD	PB,TOT	UG/L	4	7.25000	3.86221	13.0000	5.00000	77/09	78/06
MANGNESE	MN	UG/L	2	85.0000	63.6396	130.000	40.0000	77/09	77/12
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	77/09	78/06
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
ZINC	ZN,TOT	UG/L	4	47.5000	35.0000	100.000	30.0000	77/09	78/06
ALUMINUM	AL,TOT	UG/L	1	800.000		800.000	800.000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	9	1774.44	2379.51	7800.00	300.000	77/07	78/06
PHENOLS	TOTAL	UG/L	5	10.6000	19.2302	45.0000	2.00000	77/07	78/06
MBAS		MG/L	7	.150000	.040000	.220000	.110000	77/07	78/03
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	77/09	78/06

TABLE RD 1-112

STATION NUMBER 600600
39 35 00.0 084 01 49.0 2
L MIAMI RIVER NR SPRING VALLEY
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 059.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	11.3182	7.81432	21.5000	.000000	78/07	79/06
STREAM	FLOW	CFS	11	617.818	843.263	3003.00	100.000	78/07	79/05
CNDUCTVY	AT 25C	MICROMHO	12	818.750	152.781	1080.00	467.000	78/07	79/06
DO		MG/L	10	10.4800	2.07729	13.0000	7.50000	78/08	79/06
COD	LOWLEVEL	MG/L	12	16.6916	9.72762	40.0000	4.00000	78/07	79/06
PH		SU	5	7.85999	.114820	8.00000	7.70000	78/12	79/05
LAB	PH	SU	6	7.81666	.147406	8.00000	7.60000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	70.7500	86.2461	284.000	7.00000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	10	.505000	.459667	1.40000	.180000	78/07	79/06
NO3-N	TOTAL	MG/L	12	4.35499	1.81351	8.34000	2.31000	78/07	79/06
TOT KJEL	N	MG/L	12	1.14167	.454190	1.90000	.500000	78/07	79/06
PHOS-TOT		MG/L P	12	.767499	.623627	1.67000	.060000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	364.000	24.1799	384.000	331.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.285000	.028869	.320000	.250000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	2705.00	982.878	3400.00	2010.00	78/09	79/06
LEAD	PB,TOT	UG/L	4	10.7500	4.64579	15.0000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	11	862.818	1180.18	4300.00	146.000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	3.50000	2.38048	7.00000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-113

STATION NUMBER 610520
39 20 48.0 084 10 26.0 2
L MIAMI R NR MORROW
OHIO RIVER (L. MIAMI RIVER)
MILES 0953.80 0517.50 035.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	16.9286	8.77703	28.0000	4.50000	77/07	78/06
TURB	JKSN	JTU	6	16.2333	9.64091	30.0000	4.50000	77/07	77/12
CNDUCTVY	AT 25C	MICROMHO	8	698.750	115.737	910.000	600.000	77/07	78/06
DO		MG/L	5	9.29999	2.20002	11.8000	7.50000	77/07	78/05
BOD	5 DAY	MG/L	4	2.02500	.590903	2.60000	1.20000	77/07	77/10
COD	LOWLEVEL	MG/L	10	10.0500	3.08086	14.0000	5.00000	77/07	78/06
PH		SU	2	7.00000	.707107	7.50000	6.50000	77/07	77/08
LAB	PH	SU	6	8.01666	.147406	8.20000	7.80000	77/09	78/06
T ALK	CACO3	MG/L	4	278.750	174.655	518.000	115.000	77/07	77/10
T ACDITY	CACO3	MG/L	4	4.25000	5.43906	12.0000	.000000	77/07	77/10
RESIDUE	TOTAL	MG/L	9	510.111	149.915	882.000	372.000	77/07	78/05
RESIDUE	TOT NFLT	MG/L	10	29.0000	19.8102	66.0000	9.00000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	11	.162727	.102771	.350000	.060000	77/07	78/06
NO3-N	TOTAL	MG/L	11	3.07272	1.56558	6.91000	.920000	77/07	78/06
TOT KJEL	N	MG/L	11	.545454	.211489	.800000	.200000	77/07	78/06
PHOS-TOT		MG/L P	11	.787272	.997246	3.69000	.050000	77/07	78/06
T ORG C	C	MG/L	6	10.0167	5.34057	14.0000	.000000	77/07	78/03
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	78/03	78/06
TOT HARD	CACO3	MG/L	7	312.000	52.1696	375.000	234.000	77/07	78/06
CHLORIDE	CL	MG/L	1	61.0000		61.0000	61.0000	77/10	77/10
FLUORIDE	F,DISS	MG/L	2	.230000	.042426	.260000	.200000	78/03	78/06
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
IRON	FE,TOT	UG/L	1	320.000		320.000	320.000	78/06	78/06
LEAD	PB,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	2	35.0000	7.07107	40.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	8	585.000	900.920	2600.00	10.0000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	1	360.000		360.000	360.000	77/09	77/09
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	78/03	78/06
MBAS		MG/L	4	.127500	.035940	.180000	.100000	77/08	78/03
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/06

TABLE RD 1-114

STATION NUMBER 610520
39 20 48.0 084 10 26.0 2
L MIAMI R NR MORROW
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 035.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	11.7909	8.20127	23.0000	.000000	78/08	79/06
CNDUCTVY	AT 25C	MICROMHO	12	640.416	152.654	940.000	378.000	78/07	79/06
DO		MG/L	11	11.9091	2.27575	15.8000	7.80000	78/08	79/06
COD	LOWLEVEL	MG/L	12	12.0833	6.62815	27.0000	4.00000	78/07	79/06
PH		SU	6	8.01666	.194279	8.30000	7.80000	78/09	79/05
LAB	PH	SU	6	8.01666	.117135	8.20000	7.90000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	64.5833	69.3115	244.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	10	.168000	.156972	.580000	.050000	78/07	79/06
NO3-N	TOTAL	MG/L	12	3.42249	1.20853	6.63000	2.22000	78/07	79/06
TOT KJEL	N	MG/L	12	.866666	.503322	2.10000	.300000	78/07	79/06
PHOS-TOT		MG/L P	12	.388333	.277385	.960000	.050000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	278.000	27.7008	319.000	258.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.250000	.031623	.290000	.220000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	2650.00	1909.19	4000.00	1300.00	78/09	79/06
LEAD	PB,TOT	UG/L	4	10.2500	3.86221	14.0000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	12	306.583	299.988	980.000	58.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	2.00000	.000000	2.00000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-115

STATION NUMBER 600520
39 10 17.0 084 17 53.0 2
LITTLE MIAMI RIVER AT MILFORD
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 012.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	22.5000	7.71362	29.5000	11.5000	77/07	77/10
STREAM	FLOW	CFS	4	161.750	43.9649	200.000	111.000	77/07	77/10
TURB	JKSN	JTU	4	27.5000	10.0167	40.0000	18.0000	77/07	77/10
CNDUCTVY	AT 25C	MICROMHO	4	715.000	156.365	910.000	555.000	77/07	77/10
DO		MG/L	4	7.95000	1.33042	9.20000	6.80000	77/07	77/10
BOD	5 DAY	MG/L	4	5.57500	2.60817	9.20000	3.20000	77/07	77/10
COD	LOWLEVEL	MG/L	4	22.5000	9.14695	32.0000	10.0000	77/07	77/10
PH		SU	2	7.00000	1.13137	7.80000	6.20000	77/07	77/08
LAB	PH	SU	2	8.27499	.106977	8.35000	8.20000	77/09	77/10
T ALK	CACO3	MG/L	3	265.000	90.4157	350.000	170.000	77/07	77/10
T ACDITY	CACO3	MG/L	4	9.75000	18.1728	37.0000	.000000	77/07	77/10
RESIDUE	TOTAL	MG/L	4	499.250	65.6474	555.000	421.000	77/07	77/10
RESIDUE	TOT NFLT	MG/L	4	53.5000	14.8212	72.0000	38.0000	77/07	77/10
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	4	.127500	.085391	.220000	.050000	77/07	77/10
NO3-N	TOTAL	MG/L	4	1.56750	1.45706	3.36000	.170000	77/07	77/10
TOT KJEL	N	MG/L	4	1.01500	.448219	1.40000	.560000	77/07	77/10
PHOS-TOT		MG/L P	4	.894999	.496757	1.62000	.520000	77/07	77/10
T ORG C	C	MG/L	4	10.5000	2.64575	14.0000	8.00000	77/07	77/10
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	3	292.000	69.3470	357.000	219.000	77/08	77/10
CALCIUM	CA-TOT	MG/L	1	72.0000		72.0000	72.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	28.0000		28.0000	28.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	55.0000		55.0000	55.0000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	4.70000		4.70000	4.70000	77/09	77/09
CHLORIDE	CL	MG/L	3	67.3333	12.3424	81.0000	57.0000	77/07	77/10
SULFATE	SO4-TOT	MG/L	2	58.5000	4.94975	62.0000	55.0000	77/07	77/09
FLUORIDE	F,DISS	MG/L	1	.320000		.320000	.320000	77/09	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
LEAD	PB,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
MANGNESE	MN	UG/L	1	160.000		160.000	160.000	77/09	77/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	77/09	77/09
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
ALUMINUM	AL,TOT	UG/L	1	900.000		900.000	900.000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	4	485.000	482.321	1200.00	160.000	77/07	77/10
PHENOLS	TOTAL	UG/L	2	3.00000	1.41421	4.00000	2.00000	77/07	77/09
MBAS		MG/L	4	.122500	.022174	.150000	.100000	77/07	77/10
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	77/09	77/09

TABLE RD 1-116

STATION NUMBER 600520 (03245500)
39 10 17.0 084 17 53.0 2
L MIAMI R AT MILFORD OH
OHIO RIVER (LITTLE MIAMI RIVER)
(RIVER MILE 12.7)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	12.5417	10.5129	27.0000	.500000	77/07	78/06
TURB	JKSN	JTU	10	13.3000	19.3566	65.0000	1.00000	77/07	78/06
CNDUCTVY	AT 25C	MICROMHO	12	753.000	127.088	903.000	520.000	77/07	78/06
DO		MG/L	12	10.9583	2.80145	15.2000	6.90000	77/07	78/06
COD	LOWLEVEL	MG/L	3	20.0000	5.00000	25.0000	15.0000	78/04	78/06
PH		SU	12	8.15833	.227601	8.50000	7.80000	77/07	78/06
T ALK	CACO3	MG/L	10	240.000	31.2694	270.000	180.000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	9	.207778	.183561	.520000	.030000	77/10	78/06
TOT KJEL	N	MG/L	8	1.06875	.490961	2.10000	.450000	77/07	78/06
PHOS-TOT		MG/L P	12	.468333	.220035	.900001	.190000	77/07	78/06
PHOS-DIS		MG/L P	9	.343333	.193714	.730001	.160000	77/10	78/06
T ORG C	C	MG/L	7	6.82857	2.32932	9.00000	2.60000	77/07	78/06
TOT HARD	CACO3	MG/L	10	324.000	40.6065	370.000	240.000	77/07	78/06
CHLORIDE	CL	MG/L	10	58.5000	17.0310	93.0000	36.0000	77/07	78/06
SULFATE	SO4-TOT	MG/L	10	60.8000	8.91706	73.0000	42.0000	77/07	78/06
FLUORIDE	F,DISS	MG/L	10	.180000	.042164	.200000	.100000	77/07	78/06
SILICA	DISOLVED	MG/L	10	5.60000	3.11020	11.0000	1.20000	77/07	78/06
ARSENIC	AS,TOT	UG/L	4	1.25000	.500000	2.00000	1.00000	77/07	78/04
BARIUM	BA,TOT	UG/L	3	33.3333	57.7350	100.000	.000000	77/11	78/04
CADMIUM	CD,TOT	UG/L	4	.749999	.957426	2.00000	.000000	77/07	78/04
CHROMIUM	CR,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	77/07	78/04
COPPER	CU,TOT	UG/L	4	8.50000	3.87298	12.0000	3.00000	77/07	78/04
IRON	FE,TOT	UG/L	4	650.000	426.067	1200.00	190.000	77/07	78/04
LEAD	PB,TOT	UG/L	4	15.7500	14.7281	29.0000	3.00000	77/07	78/04
MANGNESE	MN	UG/L	4	62.5000	38.6221	120.000	40.0000	77/07	78/04
SILVER	AG,TOT	UG/L	3	.333333	.577350	1.00000	.000000	77/11	78/04
ZINC	ZN,TOT	UG/L	4	32.5000	15.0000	50.0000	20.0000	77/07	78/04
SELENIUM	SE,TOT	UG/L	4	.000000	.000000	.000000	.000000	77/07	78/04
MERCURY	HG,TOTAL	UG/L	4	1.52500	2.05000	4.60000	.500000	77/07	78/04

TABLE RD 1-117

STATION NUMBER 600520 (03245500)
39 10 17.0 084 17 53.0 2
L MIAMI R AT MILFORD OH
OHIO RIVER (LITTLE MIAMI RIVER)
(RIVER MILE 12.7)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	13	12.2308	10.0532	24.5000	.000000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	12	637.916	123.965	859.000	505.000	78/07	79/06
DO		MG/L	12	11.0083	2.46299	14.3000	7.80000	78/07	79/06
COD	LOWLEVEL	MG/L	1	24.0000		24.0000	24.0000	78/07	78/07
PH		SU	12	8.07500	.298924	8.50000	7.50000	78/07	79/06
T ALK	CACO3	MG/L	12	210.000	41.9957	280.000	160.000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.127500	.139423	.520000	.010000	78/07	79/06
TOT KJEL	N	MG/L	12	.861667	.221763	1.20000	.530000	78/07	79/06
PHOS-TOT		MG/L P	11	.354545	.139309	.560000	.130000	78/07	79/06
PHOS-DIS		MG/L P	12	.232500	.146606	.530000	.060000	78/07	79/06
T ORG C	C	MG/L	8	5.16250	1.76227	7.70000	2.60000	78/08	79/06
TOT HARD	CACO3	MG/L	12	281.666	48.0225	370.000	210.000	78/07	79/06
CHLORIDE	CL	MG/L	12	43.8333	14.2882	74.0000	30.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	12	50.6667	12.9217	79.0000	35.0000	78/07	79/06
FLUORIDE	F,DISS	MG/L	12	.225000	.075379	.400000	.100000	78/07	79/06
SILICA	DISOLVED	MG/L	12	6.05000	1.53060	7.90000	2.40000	78/07	79/06
ARSENIC	AS,TOT	UG/L	4	1.00000	.000000	1.00000	1.00000	78/07	79/04
BARIUM	BA,TOT	UG/L	4	75.0000	50.0000	100.000	.000000	78/07	79/04
CADMIUM	CD,TOT	UG/L	4	4.50000	3.51188	8.00000	1.00000	78/07	79/04
CHROMIUM	CR,TOT	UG/L	4	17.5000	9.57429	30.0000	10.0000	78/07	79/04
COPPER	CU,TOT	UG/L	4	8.25000	2.36291	10.0000	5.00000	78/07	79/04
IRON	FE,TOT	UG/L	4	2727.50	2638.15	5900.00	540.000	78/07	79/04
LEAD	PB,TOT	UG/L	4	63.0000	48.7305	110.000	18.0000	78/07	79/04
MANGNESE	MN	UG/L	4	210.000	248.596	580.000	60.0000	78/07	79/04
SILVER	AG,TOT	UG/L	4	.500000	1.00000	2.00000	.000000	78/07	79/04
ZINC	ZN,TOT	UG/L	4	47.5000	25.0000	80.0000	20.0000	78/07	79/04
SELENIUM	SE,TOT	UG/L	4	.000000	.000000	.000000	.000000	78/07	79/04
MERCURY	HG,TOTAL	UG/L	4	.525000	.050005	.600000	.500000	78/07	79/04

TABLE RD 1-118

STATION NUMBER 610530
39 09 20.0 084 17 30.0 2
E FK L MIAMI NR SOUTH MILFORD
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 011.10 000.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	11.2500	11.8989	28.0000	1.00000	78/02	78/06
CNDUCTVY	AT 25C	MICROMHO	4	437.500	188.746	700.000	300.000	78/02	78/06
DO		MG/L	1	10.8000		10.8000	10.8000	78/05	78/05
COD	LOWLEVEL	MG/L	5	12.5600	2.65387	16.2000	10.1000	78/02	78/06
LAB	PH	SU	4	7.57500	.189416	7.70000	7.30000	78/03	78/06
RESIDUE	TOTAL	MG/L	3	241.333	26.6341	272.000	224.000	78/03	78/05
RESIDUE	TOT NFLT	MG/L	4	42.0000	21.1029	70.0000	20.0000	78/03	78/06
NH3+NH4-	N TOTAL	MG/L	5	.416000	.186361	.680000	.170000	78/02	78/06
NO3-N	TOTAL	MG/L	5	1.46000	.169267	1.67000	1.20000	78/02	78/06
TOT KJEL	N	MG/L	5	1.26000	.296650	1.70000	1.00000	78/02	78/06
PHOS-TOT		MG/L P	5	1.30000	1.57145	4.00000	.050000	78/02	78/06
T ORG C	C	MG/L	1	8.10000		8.10000	8.10000	78/03	78/03
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	78/03	78/06
TOT HARD	CACO3	MG/L	2	149.000	66.4680	196.000	102.000	78/03	78/06
FLUORIDE	F,DISS	MG/L	2	.160000	.014142	.170000	.150000	78/03	78/06
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
IRON	FE,TOT	UG/L	1	930.000		930.000	930.000	78/06	78/06
LEAD	PB,TOT	UG/L	2	10.0000	7.07107	15.0000	5.00000	78/03	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	1	210.000		210.000	210.000	78/06	78/06
PHENOLS	TOTAL	UG/L	2	6.50000	4.94975	10.0000	3.00000	78/03	78/06
MBAS		MG/L	1	.090000		.090000	.090000	78/03	78/03
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/06

TABLE RD 1-119

STATION NUMBER 610530
39 09 20.0 084 17 30.0 2
E FK L MIAMI NR SOUTH MILFORD
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 011.10 000.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	11.4545	7.76342	23.5000	.000000	78/08	79/06
CNDUCTVY	AT 25C	MICROMHO	12	422.750	171.866	849.000	252.000	78/07	79/06
DO		MG/L	11	11.4000	2.52270	16.0000	7.50000	78/08	79/06
COD	LOWLEVEL	MG/L	12	14.9500	6.62028	26.5000	4.00000	78/07	79/06
PH		SU	6	7.69999	.126938	7.90000	7.60000	78/09	79/05
LAB	PH	SU	6	7.66666	.103409	7.80000	7.50000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	50.6667	37.8906	127.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	10	.261000	.248169	.860000	.070000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.40333	.648554	2.73000	.490000	78/07	79/06
TOT KJEL	N	MG/L	12	.966666	.230940	1.40000	.600000	78/07	79/06
PHOS-TOT		MG/L P	12	.451666	.322514	1.23000	.090000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	147.250	43.6911	208.000	106.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.212500	.025000	.240000	.180000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	2015.00	403.051	2300.00	1730.00	78/09	79/06
LEAD	PB,TOT	UG/L	4	11.2500	5.31507	18.0000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	11	601.636	502.378	1800.00	52.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	6.00000	3.65148	10.0000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-120

STATION NUMBER 600510
39 41 54.0 084 01 10.0 2
BEAVER CREEK NEAR ALPHA
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 072.60 001.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	6	17.5833	7.68387	26.0000	5.50000	77/07	78/06
TURB	JKSN	JTU	6	6.98333	4.63872	15.0000	3.00000	77/07	77/12
CNDUCTVY	AT 25C	MICROMHO	7	1191.57	135.520	1407.00	1000.00	77/07	78/06
DO		MG/L	4	5.20000	1.40714	6.50000	3.50000	77/07	77/10
BOD	5 DAY	MG/L	4	12.5250	.670177	13.4000	12.0000	77/07	77/10
COD	LOWLEVEL	MG/L	8	25.7375	4.75481	32.2000	16.2000	77/07	78/06
PH		SU	2	6.65000	.212128	6.80000	6.50000	77/07	77/08
LAB	PH	SU	6	7.75666	.110043	7.90000	7.60000	77/09	78/06
T ALK	CACO3	MG/L	4	445.750	177.795	712.000	344.000	77/07	77/10
T ACDITY	CACO3	MG/L	4	6.75000	4.64579	13.0000	2.00000	77/07	77/10
RESIDUE	TOTAL	MG/L	7	713.571	100.205	805.000	536.000	77/07	78/03
RESIDUE	TOT NFLT	MG/L	8	24.0000	16.9706	61.0000	10.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	8	4.15750	1.61692	6.15000	1.10000	77/07	78/06
NO3-N	TOTAL	MG/L	8	1.59625	.294231	2.10000	1.21000	77/07	78/06
TOT KJEL	N	MG/L	8	5.84124	2.47324	10.8000	2.58000	77/07	78/06
PHOS-TOT		MG/L P	8	4.87875	4.13487	14.5000	1.29000	77/07	78/06
T ORG C	C	MG/L	6	14.7333	5.01466	21.0000	7.00000	77/07	78/03
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	77/09	78/06
TOT HARD	CACO3	MG/L	6	381.166	27.0393	403.000	328.000	77/08	78/06
CALCIUM	CA-TOT	MG/L	1	97.0000		97.0000	97.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	38.0000		38.0000	38.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	121.000		121.000	121.000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	7.40000		7.40000	7.40000	77/09	77/09
CHLORIDE	CL	MG/L	2	161.500	7.77817	167.000	156.000	77/09	77/10
SULFATE	SO4-TOT	MG/L	1	79.0000		79.0000	79.0000	77/09	77/09
FLUORIDE	F,DISS	MG/L	4	.267500	.040312	.310000	.220000	77/09	78/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/12	78/06
CHROMIUM	HEX-VAL	UG/L	4	30.0000	.000000	30.0000	30.0000	77/09	78/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/09	78/06
COPPER	CU,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	77/09	78/06
IRON	FE,TOT	UG/L	1	650.000		650.000	650.000	78/06	78/06
LEAD	PB,TOT	UG/L	4	10.0000	6.05530	19.0000	6.00000	77/09	78/06
MANGNESE	MN	UG/L	2	85.0000	7.07107	90.0000	80.0000	77/09	77/12
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/09	78/03
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
ZINC	ZN,TOT	UG/L	4	95.0000	41.2311	130.000	50.0000	77/09	78/06
ALUMINUM	AL,TOT	UG/L	1	300.000		300.000	300.000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	7	677.143	950.504	2800.00	160.000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	1	3400.00		3400.00	3400.00	77/09	77/09
PHENOLS	TOTAL	UG/L	4	16.2500	23.8939	52.0000	2.00000	77/09	78/06
MBAS		MG/L	4	.470000	.077030	.580000	.400000	77/08	77/12
MERCURY	HG,TOTAL	UG/L	4	1.62500	2.25000	5.00000	.500000	77/09	78/06

TABLE RD 1-121

STATION NUMBER 600510
39 41 54.0 084 01 10.0 2
BEAVER CREEK NEAR ALPHA
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 072.60 001.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	12.5000	4.79583	17.0000	7.00000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	4	1102.50	85.7807	1210.00	1000.00	78/09	79/06
DO		MG/L	4	8.45000	1.93479	10.2000	6.40000	78/09	79/06
COD	LOWLEVEL	MG/L	4	18.2750	7.59623	26.5000	10.0000	78/09	79/06
PH		SU	3	7.73333	.208354	7.90000	7.50000	78/09	79/03
LAB	PH	SU	1	7.90000		7.90000	7.90000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	4	33.2500	19.4143	58.0000	12.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	4	4.58500	3.54356	9.80000	1.88000	78/09	79/06
NO3-N	TOTAL	MG/L	4	1.62750	.285466	1.96000	1.29000	78/09	79/06
TOT KJEL	N	MG/L	4	4.72500	2.12819	7.80000	3.00000	78/09	79/06
PHOS-TOT		MG/L P	4	1.57500	1.31465	3.29000	.330000	78/09	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	388.500	4.20317	393.000	383.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.300000	.029439	.340000	.270000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	975.000	586.899	1390.00	560.000	78/09	79/06
LEAD	PB,TOT	UG/L	4	11.5000	7.04746	19.0000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	37.5000	15.0000	60.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	2	2018.00	2802.97	4000.00	36.0000	78/09	79/06
PHENOLS	TOTAL	UG/L	4	5.00000	4.24264	11.0000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-122

STATION NUMBER 600550
39 29 34.0 084 06 06.0 2
CAESAR CREEK NR OREGONIA
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 051.00 000.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	6	11.2500	7.74435	24.0000	4.00000	77/09	78/06
TURB	JKSN	JTU	3	18.5000	8.84590	28.0000	10.5000	77/09	77/11
CNDUCTVY	AT 25C	MICROMHO	7	508.857	171.796	683.000	250.000	77/09	78/06
DO		MG/L	4	11.5750	2.09505	13.2000	8.50000	77/09	78/05
BOD	5 DAY	MG/L	2	1.60000	.141430	1.70000	1.50000	77/09	77/10
COD	LOWLEVEL	MG/L	8	9.06250	3.55846	16.0000	4.00000	77/09	78/06
LAB	PH	SU	6	7.94999	.187500	8.20000	7.70000	77/09	78/06
T ALK	CACO3	MG/L	2	240.500	17.6777	253.000	228.000	77/09	77/10
T ACDITY	CACO3	MG/L	2	9.00000	7.07107	14.0000	4.00000	77/09	77/10
RESIDUE	TOTAL	MG/L	6	361.500	104.621	488.000	236.000	77/09	78/05
RESIDUE	TOT NFLT	MG/L	8	19.8750	13.2173	44.0000	3.00000	77/09	78/06
NH3+NH4-	N TOTAL	MG/L	8	.213750	.278462	.880000	.050000	77/09	78/06
NO3-N	TOTAL	MG/L	8	3.08125	1.80250	5.88000	.240000	77/09	78/06
TOT KJEL	N	MG/L	8	.437500	.213391	.700000	.100000	77/09	78/06
PHOS-TOT		MG/L P	8	.415000	.699122	2.07000	.050000	77/09	78/06
T ORG C	C	MG/L	3	6.90000	3.00501	10.0000	4.00000	77/09	78/03
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	78/03	78/06
TOT HARD	CACO3	MG/L	4	269.250	63.5210	341.000	189.000	77/09	78/06
CHLORIDE	CL	MG/L	1	32.0000		32.0000	32.0000	77/10	77/10
FLUORIDE	F,DISS	MG/L	2	.185000	.021214	.200000	.170000	78/03	78/06
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
IRON	FE,TOT	UG/L	1	180.000		180.000	180.000	78/06	78/06
LEAD	PB,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	6	82.1667	82.0498	210.000	13.0000	77/09	78/06
FECSTREP	MF M-ENT	/100ML	1	290.000		290.000	290.000	77/09	77/09
PHENOLS	TOTAL	UG/L	2	2.50000	.707107	3.00000	2.00000	78/03	78/06
MBAS		MG/L	2	.115000	.035355	.140000	.090000	77/10	78/03
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/06

TABLE RD 1-123

STATION NUMBER 600550
39 29 34.0 084 06 06.0 2
CAESAR CREEK NR OREGONIA
OHIO RIVER (LITTLE MIAMI RIVER)
MILES 0953.80 0517.50 051.00 000.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	11.5000	7.94531	23.0000	.000000	78/08	79/06
CNDUCTVY	AT 25C	MICROMHO	12	468.833	57.3458	581.000	400.000	78/07	79/06
DO		MG/L	11	11.9454	2.00817	14.2000	8.80000	78/08	79/06
COD	LOWLEVEL	MG/L	12	10.7583	4.54682	22.4000	4.00000	78/07	79/06
PH		SU	6	7.93333	.265992	8.40000	7.70000	78/09	79/05
LAB	PH	SU	6	7.91666	.117344	8.10000	7.80000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	35.0000	49.7082	186.000	4.00000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	10	.120000	.074087	.250000	.050000	78/07	79/06
NO3-N	TOTAL	MG/L	12	2.78999	.688586	3.82000	1.94000	78/07	79/06
TOT KJEL	N	MG/L	12	.616666	.358870	1.60000	.200000	78/07	79/06
PHOS-TOT		MG/L P	12	.127500	.113868	.420000	.050000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	220.500	25.0000	248.000	188.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.227500	.029861	.260000	.190000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	730.000	381.838	1000.00	460.000	78/09	79/06
LEAD	PB,TOT	UG/L	4	9.50000	3.69684	13.0000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	12	345.333	722.500	2600.00	1.00000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	2.25000	.500000	3.00000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-124

STATION NUMBER 602280
41 14 22.0 080 52 52.0 2
MAHONING R. AT LEAVITTSBURG
OHIO RIVER (MAHONING RIVER BASIN)
MILES 0953.80 0955.50 021.80 043.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	8	11.0500	8.47213	22.2000	.200000	77/08	78/06
STREAM	FLOW	CFS	6	1126.50	1011.13	2736.00	314.000	77/08	78/06
TURB	JKSN	JTU	3	7.70000	1.30002	9.20000	6.90000	77/08	77/10
CNDUCTVY	FIELD	MICROMHO	9	289.111	125.791	540.000	160.000	77/08	78/06
DO		MG/L	8	9.73749	1.86391	12.8000	7.70000	77/08	78/06
BOD	5 DAY	MG/L	5	1.50000	.360559	2.00000	1.00000	77/08	78/04
COD	LOWLEVEL	MG/L	9	19.7778	18.2331	67.0000	7.00000	77/08	78/06
PH		SU	6	7.08333	.312578	7.40000	6.60000	77/08	78/06
LAB	PH	SU	1	6.80000		6.80000	6.80000	78/04	78/04
T ALK	CACO3	MG/L	2	79.5000	.707107	80.0000	79.0000	77/08	77/09
RESIDUE	TOTAL	MG/L	1	279.000		279.000	279.000	78/06	78/06
RESIDUE	DISS-105	C MG/L	8	241.625	52.8203	300.000	148.000	77/08	78/04
RESIDUE	TOT NFLT	MG/L	9	43.8889	84.0914	267.000	10.0000	77/08	78/06
NH3+NH4-	N TOTAL	MG/L	10	.308000	.233371	.700000	.090000	77/08	78/06
NO2-N	TOTAL	MG/L	10	.021000	.013703	.050000	.010000	77/08	78/06
NO3-N	TOTAL	MG/L	10	.690000	.278887	1.12000	.350000	77/08	78/06
TOT KJEL	N	MG/L	10	.900000	.614636	2.20000	.200000	77/08	78/06
PHOS-TOT		MG/L P	10	.851000	.790055	2.64000	.050000	77/08	78/06
T ORG C	C	MG/L	7	10.2857	9.69045	32.0000	5.00000	77/08	78/03
CYANIDE	CN-TOT	MG/L	7	5.15714	13.6004	36.0000	.010000	77/08	78/05
TOT HARD	CACO3	MG/L	8	147.625	36.4415	193.000	93.0000	77/08	78/06
CHLORIDE	CL	MG/L	4	32.7500	4.34933	39.0000	29.0000	77/08	78/01
SULFATE	SO4-TOT	MG/L	4	94.2500	5.37742	101.000	88.0000	77/08	78/03
FLUORIDE	F,DISS	MG/L	7	.251428	.069146	.380000	.190000	77/08	78/05
SILICA	DISOLVED	MG/L	1	7.65000		7.65000	7.65000	77/11	77/11
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	77/08	78/03
BARIUM	BA,TOT	UG/L	2	200.000	.000000	200.000	200.000	77/08	78/03
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/08	78/05
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	78/04	78/05
CHROMIUM	CR,TOT	UG/L	7	32.8571	7.55936	50.0000	30.0000	77/08	78/04
COPPER	CU,TOT	UG/L	9	32.2222	6.66677	50.0000	30.0000	77/08	78/05
IRON	FE,TOT	UG/L	9	2448.33	4286.98	13800.0	540.000	77/08	78/06
LEAD	PB,TOT	UG/L	8	14.0000	15.3437	50.0000	5.00000	77/08	78/05
MANGNESE	MN	UG/L	2	460.000	325.269	690.000	230.000	77/11	78/01
NICKEL	NI,TOTAL	UG/L	8	100.000	.000000	100.000	100.000	77/08	78/05
ZINC	ZN,TOT	UG/L	9	94.4444	153.306	500.000	30.0000	77/08	78/05
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	78/03	78/03
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	78/03	78/03
FEC COLI	MFM-FCBR	/100ML	5	1890.00	1775.30	4800.00	420.000	77/09	78/04
FECSTREP	MF M-ENT	/100ML	5	3346.00	1969.16	5100.00	330.000	77/09	78/04
PHENOLS	TOTAL	UG/L	10	11.0000	20.3197	68.0000	2.00000	77/08	78/06
MBAS		MG/L	9	.097778	.042065	.190000	.050000	77/08	78/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/02	78/05

TABLE RD 1-125

STATION NUMBER 602280
41 14 22.0 080 52 52.0 2
MAHONING R. AT LEAVITTSBURG
OHIO RIVER (MAHONING RIVER BASIN)
MILES 0953.80 0955.50 021.80 043.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	10.9417	8.64717	23.5000	.500000	78/07	79/06
STREAM	FLOW	CFS	9	1210.00	973.637	3333.00	286.000	78/08	79/05
CNDUCTVY	FIELD	MICROMHO	11	290.636	82.9635	385.000	144.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	235.000		235.000	235.000	79/04	79/04
DO		MG/L	12	10.5333	2.12875	13.5000	7.80000	78/07	79/06
COD	LOWLEVEL	MG/L	10	17.2600	8.73299	34.0000	1.10000	78/07	79/05
PH		SU	12	7.81250	.370564	8.50000	7.25000	78/07	79/06
LAB	PH	SU	2	7.25000	.070745	7.30000	7.20000	79/03	79/04
RESIDUE	TOTAL	MG/L	1	250.000		250.000	250.000	79/03	79/03
RESIDUE	DISS-105	C MG/L	3	254.667	21.9403	280.000	242.000	78/12	79/05
RESIDUE	TOT NFLT	MG/L	9	17.3333	15.6924	58.0000	10.0000	78/07	79/05
NH3+NH4-	N TOTAL	MG/L	11	.181818	.135928	.430000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.019091	.016404	.060000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	11	.665454	.297603	1.05000	.210000	78/07	79/06
TOT KJEL	N	MG/L	10	.630000	.200278	.900000	.300000	78/07	79/06
PHOS-TOT		MG/L P	11	.218181	.394228	1.40000	.050000	78/07	79/06
CYANIDE	CN-TOT	MG/L	5	.010000	.000000	.010000	.010000	78/11	79/04
TOT HARD	CACO3	MG/L	4	121.500	47.7528	172.000	71.0000	78/07	79/04
CHLORIDE	CL	MG/L	1	36.0000		36.0000	36.0000	78/12	78/12
FLUORIDE	F,DISS	MG/L	4	.215000	.036968	.260000	.170000	78/12	79/04
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/07	79/04
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	78/12	78/12
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/04
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/04
IRON	FE,TOT	UG/L	6	1535.00	1233.53	3200.00	460.000	78/07	79/04
LEAD	PB,TOT	UG/L	6	33.1667	30.6882	84.0000	8.00000	78/07	79/04
MANGNESE	MN	UG/L	1	130.000		130.000	130.000	78/12	78/12
NICKEL	NI,TOTAL	UG/L	5	100.000	.000000	100.000	100.000	78/07	79/04
ZINC	ZN,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/04
FEC COLI	MFM-FCBR	/100ML	9	1021.11	644.699	2100.00	360.000	78/07	79/05
FECSTREP	MF M-ENT	/100ML	9	7522.22	17941.2	55000.0	200.000	78/07	79/05
PHENOLS	TOTAL	UG/L	9	5.55556	5.17473	18.0000	2.00000	78/07	79/06
MBAS		MG/L	2	.050000	.000061	.050000	.050000	79/03	79/05
MERCURY	HG,TOTAL	UG/L	4	.375000	.250000	.500000	.000000	78/07	79/04

TABLE RD 1-126

STATION NUMBER 602400
41 14 02.0 080 49 23.0 2
MAHONING R AT WARREN
OHIO RIVER (MAHONING RIVER)
MILES 0953.80 0955.50 021.80 038.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	13.3727	9.23787	25.5000	.100000	77/01	78/06
STREAM	FLOW	CFS	8	456.250	123.744	700.000	300.000	77/01	77/09
TURB	JKSN	JTU	7	7.49999	6.61035	19.0000	1.80000	77/01	77/09
CNDUCTVY	FIELD	MICROMHO	8	340.000	43.1774	415.000	290.000	77/01	78/03
DO		MG/L	9	9.46666	2.08088	13.3000	6.90000	77/01	78/06
BOD	5 DAY	MG/L	10	2.52999	2.53643	9.60000	1.00000	77/01	78/03
COD	LOWLEVEL	MG/L	8	17.5000	12.6942	44.0000	4.00000	77/02	78/06
PH		SU	9	7.07777	.399394	7.70000	6.30000	77/01	78/06
T ALK	CACO3	MG/L	2	75.5000	10.6066	83.0000	68.0000	77/08	77/09
RESIDUE	TOTAL	MG/L	3	352.000	122.000	474.000	230.000	77/01	77/03
RESIDUE	DISS-105	C MG/L	10	266.600	44.8593	350.000	216.000	77/01	78/06
RESIDUE	TOT NFLT	MG/L	10	28.2000	49.0460	166.000	10.0000	77/01	78/06
OIL-GRSE	TOT-SXLT	MG/L	2	5.00000	.000000	5.00000	5.00000	77/01	77/02
NH3+NH4-	N TOTAL	MG/L	11	.234545	.191801	.580000	.060000	77/01	78/06
NO2-N	TOTAL	MG/L	9	.021111	.011667	.050000	.010000	77/01	78/06
NO3-N	TOTAL	MG/L	10	.784000	.370951	1.36000	.310000	77/01	78/06
TOT KJEL	N	MG/L	11	.881818	.579341	2.20000	.100000	77/01	78/06
PHOS-TOT		MG/L P	11	.145454	.090040	.320000	.050000	77/01	78/06
T ORG C	C	MG/L	8	7.62500	3.96187	12.0000	2.00000	77/01	78/03
CYANIDE	CN-TOT	MG/L	7	.011429	.003780	.020000	.010000	77/01	78/03
TOT HARD	CACO3	MG/L	10	157.500	18.8988	199.000	127.000	77/02	78/06
CHLORIDE	CL	MG/L	7	36.8571	7.15159	50.0000	27.0000	77/01	77/09
SULFATE	SO4-TOT	MG/L	7	87.0000	12.8841	108.000	69.0000	77/01	78/03
FLUORIDE	F,DISS	MG/L	5	.248000	.100599	.420000	.160000	77/02	77/09
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	77/02	78/03
BARIUM	BA,TOT	UG/L	2	200.000	.000000	200.000	200.000	77/08	78/03
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	77/08	78/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/03	78/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/06	77/09
COPPER	CU,TOT	UG/L	9	33.3333	10.0001	60.0000	30.0000	77/02	78/06
IRON	FE,TOT	UG/L	9	1595.56	2285.93	7500.00	350.000	77/01	78/06
LEAD	PB,TOT	UG/L	10	17.3000	15.9656	57.0000	6.00000	77/01	78/06
NICKEL	NI,TOTAL	UG/L	6	103.333	8.16533	120.000	100.000	77/01	78/06
ZINC	ZN,TOT	UG/L	11	72.7273	65.5883	220.000	30.0000	77/01	78/06
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	78/03	78/03
SELENIUM	SE,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/01	78/03
FEC COLI	MFM-FCBR	/100ML	11	1066.36	1013.91	4000.00	340.000	77/01	78/06
FECSTREP	MF M-ENT	/100ML	11	818.545	1082.31	3500.00	71.0000	77/01	78/06
PHENOLS	TOTAL	UG/L	11	5.45454	3.69767	13.0000	2.00000	77/01	78/06
MBAS		MG/L	10	.112000	.026162	.180000	.080000	77/01	78/03
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/06	78/06

TABLE RD 1-127

STATION NUMBER 602400
41 14 02.0 080 49 23.0 2
MAHONING R AT WARREN
OHIO RIVER (MAHONING RIVER)
MILES 0953.80 0955.50 021.80 038.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	11.5000	11.8322	24.5000	.500000	78/09	79/06
CNDUCTVY	FIELD	MICROMHO	4	329.500	47.3040	392.000	289.000	78/09	79/06
DO		MG/L	4	10.6500	4.07717	14.8000	6.40000	78/09	79/06
COD	LOWLEVEL	MG/L	2	14.0000	4.24264	17.0000	11.0000	78/12	79/02
PH		SU	4	7.62500	.411388	8.00000	7.10000	78/09	79/06
RESIDUE	DISS-105	C MG/L	1	285.000		285.000	285.000	78/12	78/12
RESIDUE	TOT NFLT	MG/L	2	10.0000	.000000	10.0000	10.0000	78/12	79/02
NH3+NH4-	N TOTAL	MG/L	3	.216667	.187705	.420000	.050000	78/12	79/06
NO2-N	TOTAL	MG/L	3	.026667	.020817	.050000	.010000	78/12	79/06
NO3-N	TOTAL	MG/L	3	.846666	.283078	1.02000	.520000	78/12	79/06
TOT KJEL	N	MG/L	3	.633333	.404146	1.00000	.200000	78/12	79/06
PHOS-TOT		MG/L P	3	.066667	.015276	.080000	.050000	78/12	79/06
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/12	78/12
TOT HARD	CACO3	MG/L	3	164.000	11.2694	171.000	151.000	78/12	79/06
CHLORIDE	CL	MG/L	1	36.0000		36.0000	36.0000	78/12	78/12
FLUORIDE	F,DISS	MG/L	1	.250000		.250000	.250000	78/12	78/12
CADMIUM	CD,TOT	UG/L	4	5.75000	.957427	7.00000	5.00000	78/09	79/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	78/12	78/12
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	79/02	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	4	1432.50	1012.17	2940.00	770.000	78/09	79/06
LEAD	PB,TOT	UG/L	4	90.0000	30.8977	120.000	48.0000	78/09	79/06
MANGNESE	MN	UG/L	1	130.000		130.000	130.000	78/12	78/12
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	142.500	165.202	390.000	50.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	2	790.000	296.985	1000.00	580.000	78/12	79/02
FECSTREP	MF M-ENT	/100ML	2	830.000	523.259	1200.00	460.000	78/12	79/02
PHENOLS	TOTAL	UG/L	2	7.50000	7.77817	13.0000	2.00000	78/12	79/02
MERCURY	HG,TOTAL	UG/L	3	.866666	.635085	1.60000	.500000	78/09	79/06

TABLE RD 1-128

STATION NUMBER 602290
41 10 52.0 080 47 21.0 2
MAHONING R. AT NILES S
OHIO RIVER (MAHONING RIVER)
MILES 0953.80 0955.50 021.80 033.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	15.0273	9.34442	28.0000	2.00000	77/01	78/05
TURB	JKSN	JTU	7	12.4571	8.70151	26.0000	4.20000	77/01	77/09
CNDUCTVY	FIELD	MICROMHO	10	367.700	105.524	550.000	232.000	77/01	78/05
DO		MG/L	9	7.83333	2.26605	10.2000	4.20000	77/01	78/05
BOD	5 DAY	MG/L	10	5.09999	2.06399	8.40000	3.00000	77/01	78/05
COD	LOWLEVEL	MG/L	8	26.1250	10.1761	44.0000	16.0000	77/02	78/05
PH		SU	9	7.05555	.245628	7.40000	6.70000	77/01	78/05
T ALK	CACO3	MG/L	2	81.0000	7.07107	86.0000	76.0000	77/08	77/09
RESIDUE	TOTAL	MG/L	3	375.000	79.1896	434.000	285.000	77/01	77/03
RESIDUE	DISS-105	C MG/L	10	254.800	69.3603	366.000	134.000	77/01	78/05
RESIDUE	TOT NFLT	MG/L	10	50.5000	87.8272	298.000	10.0000	77/01	78/05
OIL-GRSE	TOT-SXLT	MG/L	3	5.00000	.000000	5.00000	5.00000	77/01	78/02
NH3+NH4-	N TOTAL	MG/L	11	1.15818	.713353	3.00000	.500000	77/01	78/05
NO2-N	TOTAL	MG/L	9	.044444	.013333	.070000	.030000	77/01	78/05
NO3-N	TOTAL	MG/L	10	.720999	.404597	1.76000	.390000	77/01	78/05
TOT KJEL	N	MG/L	11	2.37272	1.14638	5.00000	1.40000	77/01	78/05
PHOS-TOT		MG/L P	11	.572727	.631650	2.08000	.110000	77/01	78/05
T ORG C	C	MG/L	8	9.87500	4.12094	14.0000	2.00000	77/01	78/02
CYANIDE	CN-TOT	MG/L	8	.052500	.084810	.260000	.010000	77/01	78/05
TOT HARD	CACO3	MG/L	9	155.556	22.7000	177.000	102.000	77/02	78/05
CHLORIDE	CL	MG/L	7	54.1428	9.70288	67.0000	43.0000	77/01	77/09
SULFATE	SO4-TOT	MG/L	6	89.6667	11.6221	111.000	76.0000	77/01	77/09
FLUORIDE	F,DISS	MG/L	6	.370000	.088996	.500000	.260000	77/03	78/05
ARSENIC	AS,TOT	UG/L	2	5.50000	6.36396	10.0000	1.00000	77/02	77/08
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/08	78/05
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/03	78/05
CHROMIUM	CR,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	77/05	78/02
COPPER	CU,TOT	UG/L	9	37.7778	13.9444	70.0000	30.0000	77/02	78/05
IRON	FE,TOT	UG/L	9	4062.22	3483.89	13200.0	2160.00	77/01	78/05
LEAD	PB,TOT	UG/L	11	25.9091	11.2291	55.0000	16.0000	77/01	78/05
NICKEL	NI,TOTAL	UG/L	7	102.857	7.56017	120.000	100.000	77/01	78/05
ZINC	ZN,TOT	UG/L	11	278.182	169.223	580.000	60.0000	77/01	78/05
SELENIUM	SE,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	77/01	77/02
FEC COLI	MFM-FCBR	/100ML	9	6354.44	8463.45	24000.0	120.000	77/01	78/05
FECSTREP	MF M-ENT	/100ML	9	3934.33	4977.72	15000.0	9.00000	77/01	78/05
PHENOLS	TOTAL	UG/L	11	56.0909	88.3600	310.000	2.00000	77/01	78/05
MBAS		MG/L	11	.160000	.072388	.340000	.080000	77/01	78/05
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/02	78/05

TABLE RD 1-129

STATION NUMBER 602290
41 10 52.0 080 47 21.0 2
MAHONING R. AT NILES S
OHIO RIVER (MAHONING RIVER)
MILES 0953.80 0955.50 021.80 033.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	14.3750	10.0115	23.0000	1.00000	78/08	79/05
CNDUCTVY	FIELD	MICROMHO	4	366.000	146.931	490.000	171.000	78/08	79/05
DO		MG/L	4	8.37500	2.86867	12.4000	5.60000	78/08	79/05
COD	LOWLEVEL	MG/L	4	25.1000	4.97063	32.0000	21.0000	78/08	79/05
PH		SU	4	7.37500	.170940	7.60000	7.20000	78/08	79/05
RESIDUE	DISS-105	C MG/L	3	283.666	70.7283	342.000	205.000	78/08	79/05
RESIDUE	TOT NFLT	MG/L	2	13.5000	.707107	14.0000	13.0000	78/10	79/05
NH3+NH4-	N TOTAL	MG/L	4	.692500	.309233	1.03000	.280000	78/08	79/05
NO2-N	TOTAL	MG/L	4	.032500	.015000	.050000	.020000	78/08	79/05
NO3-N	TOTAL	MG/L	4	.537500	.283005	.900000	.230000	78/08	79/05
TOT KJEL	N	MG/L	4	1.90000	.864096	3.10000	1.10000	78/08	79/05
PHOS-TOT		MG/L P	4	.272500	.033042	.320000	.250000	78/08	79/05
CYANIDE	CN-TOT	MG/L	4	.180000	.158535	.320000	.010000	78/08	79/05
TOT HARD	CACO3	MG/L	3	629.666	849.655	1610.00	106.000	78/08	79/05
FLUORIDE	F,DISS	MG/L	4	.384999	.104724	.460000	.230000	78/08	79/05
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/08	79/01
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/08	79/01
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	4	3717.50	1725.23	6300.00	2700.00	78/08	79/05
LEAD	PB,TOT	UG/L	4	48.0000	19.8662	64.0000	20.0000	78/08	79/05
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/08	79/01
ZINC	ZN,TOT	UG/L	4	235.000	112.101	350.000	120.000	78/08	79/05
FEC COLI	MFM-FCBR	/100ML	2	28750.0	30052.0	50000.0	7500.00	78/08	79/05
FECSTREP	MF M-ENT	/100ML	2	6460.00	7834.74	12000.0	920.000	78/08	79/05
PHENOLS	TOTAL	UG/L	4	5.75000	2.50000	10.0000	4.00000	78/08	79/05
MBAS		MG/L	3	.120000	.062450	.190000	.070000	78/08	79/05
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/08	79/01

TABLE RD 1-130

STATION NUMBER 602300
41 02 10.0 080 32 10.0 2
MAHONING R. AT LOWELLVILLE
OHIO RIVER (MAHONING RIVER)
MILES 0953.80 0955.50 021.80 011.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	16	16.3875	10.0094	31.5000	3.00000	77/01	78/06
STREAM	FLOW	CFS	15	2203.00	2042.24	7004.00	498.000	77/01	78/06
TURB	JKSN	JTU	9	18.7555	23.9161	80.0000	2.60000	77/01	77/10
CNDUCTVY	FIELD	MICROMHO	14	514.643	180.315	750.000	260.000	77/01	78/06
DO		MG/L	14	7.49285	2.72777	12.0000	3.90000	77/01	78/06
BOD	5 DAY	MG/L	12	7.74999	4.64474	21.0000	4.20000	77/01	78/05
COD	LOWLEVEL	MG/L	13	31.8461	14.0881	72.0000	20.0000	77/02	78/06
PH		SU	13	7.06922	.317249	7.50000	6.40000	77/01	78/06
LAB	PH	SU	2	7.20000	.000000	7.20000	7.20000	77/03	78/04
T ALK	CACO3	MG/L	2	89.5000	3.53553	92.0000	87.0000	77/08	77/09
RESIDUE	TOTAL	MG/L	4	516.250	163.606	724.000	360.000	77/01	78/06
RESIDUE	DISS-105	C MG/L	14	349.643	98.4397	546.000	212.000	77/01	78/05
RESIDUE	TOT NFLT	MG/L	15	49.4667	77.0184	314.000	10.0000	77/01	78/06
OIL-GRSE	TOT-SXLT	MG/L	4	8.75000	7.50000	20.0000	5.00000	77/01	78/04
NH3+NH4-	N TOTAL	MG/L	17	2.41588	1.92415	6.50000	.090000	77/01	78/06
NO2-N	TOTAL	MG/L	15	.110666	.078873	.280000	.010000	77/01	78/06
NO3-N	TOTAL	MG/L	16	.851250	.243499	1.36000	.420000	77/01	78/06
TOT KJEL	N	MG/L	17	4.04117	2.46197	10.5000	.500000	77/01	78/06
PHOS-TOT		MG/L P	17	.828235	.718054	2.83000	.060000	77/01	78/06
T ORG C	C	MG/L	12	14.8333	6.24985	33.0000	9.00000	77/01	78/03
CYANIDE	CN-TOT	MG/L	13	.082308	.060849	.230000	.010000	77/01	78/06
TOT HARD	CACO3	MG/L	14	188.571	30.7790	237.000	131.000	77/02	78/06
CHLORIDE	CL	MG/L	10	67.2000	32.5228	126.000	31.0000	77/01	78/01
SULFATE	SO4-TOT	MG/L	8	117.625	19.0108	152.000	94.0000	77/01	78/03
FLUORIDE	F,DISS	MG/L	12	.511666	.227949	.870000	.210000	77/02	78/06
SILICA	DISOLVED	MG/L	1	6.98000		6.98000	6.98000	77/11	77/11
ARSENIC	AS,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	77/02	78/03
BARIUM	BA,TOT	UG/L	2	200.000	.000000	200.000	200.000	77/08	78/03
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	77/06	78/05
CHROMIUM	HEX-VAL	UG/L	3	30.0000	.000000	30.0000	30.0000	77/03	78/05
CHROMIUM	CR,TOT	UG/L	10	30.0000	.000000	30.0000	30.0000	77/05	78/04
COPPER	CU,TOT	UG/L	14	35.7143	14.5255	70.0000	30.0000	77/02	78/05
IRON	FE,TOT	UG/L	14	4442.14	7266.66	29400.0	1090.00	77/01	78/06
LEAD	PB,TOT	UG/L	15	38.4667	54.6298	230.000	5.00000	77/01	78/05
MANGNESE	MN	UG/L	2	260.000	28.2843	280.000	240.000	77/11	78/01
NICKEL	NI,TOTAL	UG/L	11	100.909	3.01558	110.000	100.000	77/01	78/05
ZINC	ZN,TOT	UG/L	16	218.750	191.655	880.000	30.0000	77/01	78/05
ALUMINUM	AL,TOT	UG/L	1	300.000		300.000	300.000	78/03	78/03
SELENIUM	SE,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/01	78/03
FEC COLI	MFM-FCBR	/100ML	12	26833.3	12290.6	46000.0	8000.00	77/01	78/05
FECSTREP	MF M-ENT	/100ML	12	11908.3	13298.5	37000.0	700.000	77/01	78/05
PHENOLS	TOTAL	UG/L	17	47.5882	56.8529	172.000	2.00000	77/01	78/06
MBAS		MG/L	16	.285625	.197180	.880000	.000000	77/01	78/06
PCBS	WHL SMPL	UG/L	3	.500000	.000000	.500000	.500000	78/03	78/06
MERCURY	HG,TOTAL	UG/L	3	2.00000	2.59808	5.00000	.500000	78/02	78/05

TABLE RD 1-131

STATION NUMBER 602300
41 02 10.0 080 32 10.0 2
MAHONING R. AT LOWELLVILLE
OHIO RIVER (MAHONING RIVER)
MILES 0953.80 0955.50 021.80 011.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	16.5583	10.1505	31.0000	3.00000	78/07	79/06
STREAM	FLOW	CFS	10	2269.30	2173.33	6932.00	508.000	78/07	79/05
CNDUCTVY	FIELD	MICROMHO	12	478.083	184.599	714.000	230.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	350.000		350.000	350.000	79/04	79/04
DO		MG/L	12	8.14999	3.92625	14.3000	3.70000	78/07	79/06
COD	LOWLEVEL	MG/L	9	23.2555	15.2520	56.0000	3.00000	78/07	79/05
PH		SU	12	7.54999	.456298	8.50000	7.20000	78/07	79/06
LAB	PH	SU	1	7.40000		7.40000	7.40000	79/03	79/03
RESIDUE	TOTAL	MG/L	1	290.000		290.000	290.000	79/03	79/03
RESIDUE	DISS-105	C MG/L	4	295.250	67.8399	386.000	226.000	78/12	79/05
RESIDUE	TOT NFLT	MG/L	10	36.9000	42.2938	140.000	10.0000	78/07	79/05
NH3+NH4-	N TOTAL	MG/L	11	2.07181	.933845	3.62000	.560000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.166364	.202399	.730000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	11	.906363	.176934	1.13000	.570000	78/07	79/06
TOT KJEL	N	MG/L	10	2.93000	1.07503	4.70000	1.60000	78/08	79/06
PHOS-TOT		MG/L P	10	.640000	.292841	1.24000	.250000	78/07	79/06
CYANIDE	CN-TOT	MG/L	11	.113636	.184568	.660000	.010000	78/07	79/06
TOT HARD	CACO3	MG/L	4	146.500	31.1823	174.000	104.000	78/07	79/04
CHLORIDE	CL	MG/L	1	43.0000		43.0000	43.0000	78/12	78/12
FLUORIDE	F,DISS	MG/L	11	.512727	.149539	.700000	.260000	78/07	79/06
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/07	79/04
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	78/12	78/12
CHROMIUM	CR,TOT	UG/L	4	40.0000	20.0000	70.0000	30.0000	78/07	79/04
COPPER	CU,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/07	79/04
IRON	FE,TOT	UG/L	12	4390.83	5190.74	20000.0	1360.00	78/07	79/06
LEAD	PB,TOT	UG/L	6	137.500	174.376	480.000	17.0000	78/07	79/04
MANGNESE	MN	UG/L	1	330.000		330.000	330.000	78/12	78/12
NICKEL	NI,TOTAL	UG/L	5	100.000	.000000	100.000	100.000	78/07	79/04
ZINC	ZN,TOT	UG/L	4	200.000	188.856	470.000	30.0000	78/10	79/04
FEC COLI	MFM-FCBR	/100ML	8	17137.5	16737.7	57000.0	5000.00	78/07	79/05
FECSTREP	MF M-ENT	/100ML	8	15987.5	17650.6	54000.0	1200.00	78/07	79/05
PHENOLS	TOTAL	UG/L	11	30.8182	35.4960	110.000	2.00000	78/07	79/06
MBAS		MG/L	3	.213333	.136504	.360000	.090000	79/01	79/05
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/07	79/04

TABLE RD 1-132

STATION NUMBER 500140
41 11 56.0 084 44 40.0 2
MAUMEE RIVER AT ANTWERP
LAKE ERIE (MAUMEE RIVER)
MILES 0100.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	14.5000	10.4349	28.7000	.000000	77/07	78/06
CNDUCTVY	AT 25C	MICROMHO	12	685.916	178.972	940.000	373.000	77/07	78/06
DO		MG/L	12	8.16666	3.43308	14.9000	3.00000	77/07	78/06
BOD	5 DAY	MG/L	10	5.16000	2.44823	10.0000	1.60000	77/07	78/05
COD	LOWLEVEL	MG/L	11	30.0182	8.13173	43.0000	19.0000	77/07	78/06
LAB	PH	SU	12	7.66666	.187559	8.00000	7.30000	77/07	78/06
RESIDUE	DISS-105	C MG/L	12	450.750	103.134	572.000	272.000	77/07	78/06
RESIDUE	TOT NFLT	MG/L	12	52.0000	44.3539	143.000	10.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	12	.628333	.703831	2.26000	.080000	77/07	78/06
NO2-N	TOTAL	MG/L	12	.063333	.038218	.150000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	12	3.10583	1.56866	6.78000	1.34000	77/07	78/06
TOT KJEL	N	MG/L	12	2.16666	.687995	3.20000	1.20000	77/07	78/06
PHOS-TOT		MG/L P	12	.724166	.614779	2.28000	.050000	77/07	78/06
PHOS-DIS		MG/L P	6	.825000	.767587	2.20000	.110000	77/09	78/06
T ORG C	C	MG/L	12	14.8917	4.07597	19.2000	6.00000	77/07	78/06
TOT HARD	CACO3	MG/L	12	292.916	80.8961	420.000	161.000	77/07	78/06
CHLORIDE	CL	MG/L	12	43.1667	16.7758	77.0000	20.0000	77/07	78/06
SULFATE	SO4-TOT	MG/L	12	97.4167	34.0761	160.000	40.0000	77/07	78/06
ARSENIC	AS,TOT	UG/L	12	10.0000	.000000	10.0000	10.0000	77/07	78/06
CADMIUM	CD,TOT	UG/L	12	5.08333	.288726	6.00000	5.00000	77/07	78/06
CHROMIUM	HEX-VAL	UG/L	8	30.0000	.000000	30.0000	30.0000	77/11	78/06
CHROMIUM	CR,TOT	UG/L	12	30.0000	.000000	30.0000	30.0000	77/07	78/06
COPPER	CU,TOT	UG/L	12	44.1667	18.8093	80.0000	30.0000	77/07	78/06
LEAD	PB,TOT	UG/L	12	11.1667	7.30919	28.0000	5.00000	77/07	78/06
ZINC	ZN,TOT	UG/L	12	55.8333	19.2866	100.000	30.0000	77/07	78/06
FEC COLI	MFM-FCBR	/100ML	10	909.500	1158.64	3500.00	70.0000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	8	1948.50	3408.84	9800.00	30.0000	77/07	78/06
PHENOLS	TOTAL	UG/L	9	9.00000	11.5866	38.0000	2.00000	77/08	78/06
PCBS	WHL SMPL	UG/L	7	.500000	.000000	.500000	.500000	77/10	78/05
MERCURY	HG,TOTAL	UG/L	12	.533333	.115470	.900000	.500000	77/07	78/06

TABLE RD 1-133

STATION NUMBER 500140
41 11 56.0 084 44 40.0 2
MAUMEE RIVER AT ANTWERP
LAKE ERIE (MAUMEE RIVER)
MILES 0100.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	15.3555	9.09465	24.8000	2.00000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	12	763.000	151.084	1030.00	557.000	78/07	79/06
DO		MG/L	9	8.69999	2.12604	12.0000	5.70000	78/07	79/06
BOD	5 DAY	MG/L	11	4.21818	2.39158	8.40000	1.20000	78/07	79/06
COD	LOWLEVEL	MG/L	11	26.1727	5.01692	33.5000	15.0000	78/07	79/06
LAB	PH	SU	12	7.93333	.293378	8.50000	7.60000	78/07	79/06
RESIDUE	DISS-105	C MG/L	12	465.333	96.5095	620.000	313.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	45.4167	33.7867	123.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.350833	.561385	1.90000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.038333	.027579	.090000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	3.80500	2.27525	8.24000	1.14000	78/07	79/06
TOT KJEL	N	MG/L	12	2.10833	1.11066	4.50000	.500000	78/07	79/06
PHOS-TOT		MG/L P	11	.477272	.481292	1.74000	.050000	78/07	79/06
PHOS-DIS		MG/L P	9	.244444	.203108	.710000	.050000	78/08	79/06
T ORG C	C	MG/L	9	19.0111	6.45768	32.0000	10.3000	78/07	79/06
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	79/03	79/05
TOT HARD	CACO3	MG/L	12	296.083	48.0851	372.000	227.000	78/07	79/06
CHLORIDE	CL	MG/L	12	50.3333	28.4680	102.000	9.00000	78/07	79/06
SULFATE	SO4-TOT	MG/L	11	106.364	26.0895	145.000	74.0000	78/07	79/06
ARSENIC	AS,TOT	UG/L	12	10.8333	2.88676	20.0000	10.0000	78/07	79/06
CADMIUM	CD,TOT	UG/L	12	5.00000	.000000	5.00000	5.00000	78/07	79/06
CHROMIUM	HEX-VAL	UG/L	9	30.0000	.000000	30.0000	30.0000	78/07	79/03
CHROMIUM	CR,TOT	UG/L	12	30.0000	.000000	30.0000	30.0000	78/07	79/06
COPPER	CU,TOT	UG/L	11	38.1818	9.81658	60.0000	30.0000	78/07	79/06
LEAD	PB,TOT	UG/L	12	9.58333	3.91868	16.0000	5.00000	78/07	79/06
ZINC	ZN,TOT	UG/L	12	55.8333	44.6111	180.000	30.0000	78/07	79/06
FEC COLI	MFM-FCBR	/100ML	11	4158.18	12888.5	43000.0	60.0000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	9	9095.55	22988.6	70000.0	20.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	10	5.50000	3.40751	10.0000	2.00000	78/07	79/06
MBAS		MG/L	4	.137500	.035940	.190000	.110000	79/03	79/06
PCBS	WHL SMPL	UG/L	6	.500000	.000000	.500000	.500000	78/07	79/02
MERCURY	HG,TOTAL	UG/L	12	.500000	.000000	.500000	.500000	78/07	79/06

TABLE RD 1-134

STATION NUMBER 500180
41 16 43.0 084 23 07.0 2
MAUMEE RIVER AT DEFIANCE
LAKE ERIE (MAUMEE RIVER)
MILES 0065.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	24.8500	4.69788	29.7000	18.6000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	554.333	25.4257	570.000	525.000	77/07	77/09
DO		MG/L	3	6.83333	2.25908	9.20000	4.70000	77/07	77/09
BOD	5 DAY	MG/L	3	4.66667	2.63122	7.50000	2.30000	77/07	77/09
COD	LOWLEVEL	MG/L	3	36.6667	8.32673	46.0000	30.0000	77/07	77/09
LAB	PH	SU	3	7.83333	.416469	8.30000	7.50000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	354.000	14.0000	364.000	338.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	115.333	19.7319	138.000	102.000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.220000	.190788	.440000	.100000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.183333	.222336	.440000	.050000	77/07	77/09
NO3-N	TOTAL	MG/L	3	2.58667	1.75671	4.61000	1.45000	77/07	77/09
TOT KJEL	N	MG/L	3	1.93333	.960903	2.80000	.900000	77/07	77/09
PHOS-TOT		MG/L P	3	.343333	.235867	.590000	.120000	77/07	77/09
PHOS-DIS		MG/L P	1	.050000		.050000	.050000	77/09	77/09
T ORG C	C	MG/L	3	18.3333	3.51192	22.0000	15.0000	77/07	77/09
TOT HARD	CACO3	MG/L	3	225.333	19.6564	248.000	213.000	77/07	77/09
CHLORIDE	CL	MG/L	3	32.6667	8.08297	40.0000	24.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	3	80.0000	6.24500	85.0000	73.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	77/07	77/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	77/09
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	77/09
COPPER	CU,TOT	UG/L	3	33.3333	5.77355	40.0000	30.0000	77/07	77/09
LEAD	PB,TOT	UG/L	3	13.0000	4.35890	16.0000	8.00000	77/07	77/09
ZINC	ZN,TOT	UG/L	3	33.3333	5.77355	40.0000	30.0000	77/07	77/09
FEC COLI	MFM-FCBR	/100ML	2	435.000	318.198	660.000	210.000	77/07	77/08
FECSTREP	MF M-ENT	/100ML	2	140.000	113.137	220.000	60.0000	77/07	77/08
MBAS		MG/L	1	.190000		.190000	.190000	77/08	77/08
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/07	77/09

TABLE RD 1-135

STATION NUMBER 500180
41 16 43.0 084 23 07.0 2
MAUMEE RIVER AT DEFIANCE
LAKE ERIE (MAUMEE RIVER)
MILES 0065.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
CNDUCTVY	AT 25C	MICROMHO	1	590.000		590.000	590.000	78/08	78/08
COD	LOWLEVEL	MG/L	1	35.0000		35.0000	35.0000	78/08	78/08
LAB	PH	SU	1	8.60000		8.60000	8.60000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	45.0000		45.0000	45.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/08	78/08
NO3-N	TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
TOT KJEL	N	MG/L	1	1.70000		1.70000	1.70000	78/08	78/08
PHOS-TOT		MG/L P	1	.210000		.210000	.210000	78/08	78/08
TOT HARD	CACO3	MG/L	1	236.000		236.000	236.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1530.00		1530.00	1530.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	10.0000		10.0000	10.0000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-136

STATION NUMBER 510210
41 19 14.0 084 12 00.0 2
MAUMEE RIVER AT FLORIDA-CO. RD. 18
LAKE ERIE (MAUMEE RIVER)
MILES 0054.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	24.9333	6.45323	31.5000	18.6000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	550.666	72.5715	613.000	471.000	77/07	77/09
DO		MG/L	3	8.83333	2.15950	11.1000	6.80000	77/07	77/09
COD	LOWLEVEL	MG/L	3	34.0000	2.00000	36.0000	32.0000	77/07	77/09
LAB	PH	SU	3	8.06666	.635243	8.80000	7.70000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	355.333	44.3783	396.000	308.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	58.0000	24.8797	85.0000	36.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.303333	.176163	.410000	.100000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.076667	.030551	.110000	.050000	77/07	77/09
NO3-N	TOTAL	MG/L	3	3.23333	1.38911	4.43000	1.71000	77/07	77/09
TOT KJEL	N	MG/L	3	1.66667	.776745	2.30000	.800000	77/07	77/09
PHOS-TOT		MG/L P	3	.340000	.191573	.560000	.210000	77/07	77/09
T ORG C	C	MG/L	3	17.0000	3.60555	21.0000	14.0000	77/07	77/09
TOT HARD	CACO3	MG/L	1	205.000		205.000	205.000	77/08	77/08
CHLORIDE	CL	MG/L	3	34.0000	11.3578	42.0000	21.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	3	82.0000	15.1327	94.0000	65.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	1	6.00000		6.00000	6.00000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	2	270.000	367.696	530.000	10.0000	77/07	77/08
FECSTREP	MF M-ENT	/100ML	2	1065.00	1180.87	1900.00	230.000	77/07	77/08

TABLE RD 1-137

STATION NUMBER 510210
41 19 14.0 084 12 00.0 2
MAUMEE RIVER AT FLORIDA-CO. RD. 18
LAKE ERIE (MAUMEE RIVER)
MILES 0054.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	22.5000		22.5000	22.5000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	680.000		680.000	680.000	78/08	78/08
DO		MG/L	1	4.70000		4.70000	4.70000	78/08	78/08
COD	LOWLEVEL	MG/L	1	27.0000		27.0000	27.0000	78/08	78/08
LAB	PH	SU	1	8.20000		8.20000	8.20000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	19.0000		19.0000	19.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.080000		.080000	.080000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.060000		.060000	.060000	78/08	78/08
NO3-N	TOTAL	MG/L	1	2.10000		2.10000	2.10000	78/08	78/08
TOT KJEL	N	MG/L	1	1.50000		1.50000	1.50000	78/08	78/08
PHOS-TOT		MG/L P	1	.220000		.220000	.220000	78/08	78/08
TOT HARD	CACO3	MG/L	1	273.000		273.000	273.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	690.000		690.000	690.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	10.0000		10.0000	10.0000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-138

STATION NUMBER 500080
41 30 00.0 083 42 46.0 2
MAUMEE RIVER AT WATERVILLE
LAKE ERIE (MAUMEE RIVER)
MILES 0020.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	6	21.2167	11.3014	33.0000	.200000	77/07	78/03
CNDUCTVY	AT 25C	MICROMHO	5	527.400	54.1849	565.000	438.000	77/07	77/09
DO		MG/L	6	8.89999	2.01298	12.6000	6.50000	77/07	78/03
BOD	5 DAY	MG/L	5	6.41999	3.37374	11.3000	1.80000	77/07	77/09
COD	LOWLEVEL	MG/L	4	32.7500	4.42531	37.0000	28.0000	77/07	77/09
LAB	PH	SU	6	8.04999	.575416	9.10000	7.60000	77/07	78/03
RESIDUE	DISS-105	C MG/L	6	323.500	68.3952	398.000	204.000	77/07	78/03
RESIDUE	TOT NFLT	MG/L	6	70.6667	28.5914	105.000	28.0000	77/07	78/03
NH3+NH4-	N TOTAL	MG/L	7	.191428	.092634	.310000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	6	.076667	.051640	.160000	.020000	77/07	78/06
NO3-N	TOTAL	MG/L	6	4.03166	2.29773	7.12000	1.58000	77/07	78/06
TOT KJEL	N	MG/L	6	2.59000	.636707	3.20000	1.40000	77/07	78/06
PHOS-TOT		MG/L P	7	.547143	.372143	1.32000	.180000	77/07	78/06
PHOS-DIS		MG/L P	4	.327500	.229982	.640000	.090000	77/08	78/06
T ORG C	C	MG/L	5	15.0000	4.63681	19.0000	7.00000	77/07	77/09
TOT HARD	CACO3	MG/L	5	206.600	17.2722	225.000	184.000	77/07	77/09
CHLORIDE	CL	MG/L	5	32.0000	7.48331	41.0000	21.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	5	76.8000	9.98529	85.0000	60.0000	77/07	77/09
SILICA	DISOLVED	MG/L	5	5.93200	3.31725	10.1000	.860000	77/07	77/09
ARSENIC	AS,TOT	UG/L	5	10.0000	.000000	10.0000	10.0000	77/07	77/09
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	77/07	77/09
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	77/07	77/09
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	77/07	77/09
LEAD	PB,TOT	UG/L	5	10.8000	3.56372	14.0000	5.00000	77/07	77/09
ZINC	ZN,TOT	UG/L	5	42.0000	13.0384	60.0000	30.0000	77/07	77/09
FEC COLI	MFM-FCBR	/100ML	4	465.000	401.207	1000.00	30.0000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	3	503.333	325.013	830.000	180.000	77/07	77/08
MBAS		MG/L	2	.130000	.014143	.140000	.120000	77/08	77/08
PCBS	WHL SMPL	UG/L	2	.500000	.000000	.500000	.500000	77/08	77/09
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	77/07	77/09

TABLE RD 1-139

STATION NUMBER 510240
40 34 15.0 084 12 15.0 2
AUGLAIZE R. AT WAPAKONETA
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0074.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	7.55000	10.6773	15.1000	.000000	78/02	78/06
CNDUCTVY	AT 25C	MICROMHO	2	620.000	127.279	710.000	530.000	78/02	78/06
DO		MG/L	2	8.95000	2.33347	10.6000	7.30000	78/02	78/06
COD	LOWLEVEL	MG/L	2	18.0000	14.1421	28.0000	8.00000	78/02	78/06
LAB	PH	SU	2	7.65000	.070637	7.70000	7.60000	78/02	78/06
RESIDUE	TOT NFLT	MG/L	2	135.000	176.777	260.000	10.0000	78/02	78/06
NH3+NH4-	N TOTAL	MG/L	3	.493333	.425950	.970000	.150000	78/02	78/06
NO2-N	TOTAL	MG/L	3	.083333	.118462	.220000	.010000	78/02	78/06
NO3-N	TOTAL	MG/L	3	4.00667	2.98148	7.44000	2.07000	78/02	78/06
TOT KJEL	N	MG/L	3	1.63333	.901850	2.50000	.700000	78/02	78/06
PHOS-TOT		MG/L P	3	.550000	.434051	.830000	.050000	78/02	78/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/02	78/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/02	78/06
IRON	FE,TOT	UG/L	2	355.000	219.203	510.000	200.000	78/02	78/03
LEAD	PB,TOT	UG/L	1	7.00000		7.00000	7.00000	78/06	78/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/02	78/06
ZINC	ZN,TOT	UG/L	3	40.0000	17.3205	60.0000	30.0000	78/02	78/06
FEC COLI	MFM-FCBR	/100ML	2	2780.00	3846.66	5500.00	60.0000	78/02	78/06

TABLE RD 1-140

STATION NUMBER 510240
40 34 15.0 084 12 15.0 2
AUGLAIZE R. AT WAPAKONETA
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0074.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	11.2000	10.8404	22.5000	.000000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	4	767.750	121.278	890.000	600.000	78/09	79/06
DO		MG/L	3	5.83333	4.34666	9.10000	.900000	78/09	79/06
BOD	5 DAY	MG/L	3	5.00000	4.72864	10.4000	1.60000	78/09	79/06
COD	LOWLEVEL	MG/L	2	24.4500	17.7484	37.0000	11.9000	78/09	79/06
LAB	PH	SU	4	8.00000	.258325	8.30000	7.70000	78/09	79/06
RESIDUE	DISS-105	C MG/L	1	488.000		488.000	488.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	4	13.2500	5.25198	21.0000	10.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	4	.452500	.639498	1.41000	.080000	78/09	79/06
NO2-N	TOTAL	MG/L	4	.065000	.046548	.120000	.010000	78/09	79/06
NO3-N	TOTAL	MG/L	4	2.87500	1.88385	4.91000	.350000	78/09	79/06
TOT KJEL	N	MG/L	4	1.35000	.946925	2.70000	.500000	78/09	79/06
PHOS-TOT		MG/L P	4	.245000	.282902	.660000	.060000	78/09	79/06
TOT HARD	CACO3	MG/L	3	374.666	20.5312	392.000	352.000	78/12	79/06
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	530.000		530.000	530.000	79/06	79/06
LEAD	PB,TOT	UG/L	4	12.7500	7.80491	24.0000	6.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/12	79/06
ZINC	ZN,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	2	5700.00	2687.01	7600.00	3800.00	78/12	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-141

STATION NUMBER 510250
40 34 15.0 084 14 25.0 2
AUGLAIZE R AT WAPAKONETA
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0070.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	16.0000		16.0000	16.0000	78/06	78/06
CNDUCTVY	AT 25C	MICROMHO	1	610.000		610.000	610.000	78/06	78/06
DO		MG/L	1	7.40000		7.40000	7.40000	78/06	78/06
COD	LOWLEVEL	MG/L	1	26.0000		26.0000	26.0000	78/06	78/06
LAB	PH	SU	1	7.90000		7.90000	7.90000	78/06	78/06
RESIDUE	TOT NFLT	MG/L	1	68.0000		68.0000	68.0000	78/06	78/06
NH3+NH4-	N TOTAL	MG/L	1	.530000		.530000	.530000	78/06	78/06
NO2-N	TOTAL	MG/L	1	.270000		.270000	.270000	78/06	78/06
NO3-N	TOTAL	MG/L	1	6.34000		6.34000	6.34000	78/06	78/06
TOT KJEL	N	MG/L	1	2.40000		2.40000	2.40000	78/06	78/06
PHOS-TOT		MG/L P	1	.930000		.930000	.930000	78/06	78/06
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/06	78/06
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/06	78/06
LEAD	PB,TOT	UG/L	1	6.00000		6.00000	6.00000	78/06	78/06
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/06	78/06
ZINC	ZN,TOT	UG/L	1	50.0000		50.0000	50.0000	78/06	78/06
FEC COLI	MFM-FCBR	/100ML	1	3500.00		3500.00	3500.00	78/06	78/06

TABLE RD 1-142

STATION NUMBER 510250
40 34 15.0 084 14 25.0 2
AUGLAIZE R AT WAPAKONETA
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0070.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	12.4250	10.3381	22.9000	1.80000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	4	993.250	130.147	1170.00	864.000	78/09	79/06
DO		MG/L	3	7.20000	4.30001	11.5000	2.90000	78/09	79/06
BOD	5 DAY	MG/L	3	4.33333	.305500	4.60000	4.00000	78/09	79/06
COD	LOWLEVEL	MG/L	2	17.9500	2.89918	20.0000	15.9000	78/09	79/06
LAB	PH	SU	4	8.00000	.182663	8.20000	7.80000	78/09	79/06
RESIDUE	DISS-105	C MG/L	1	582.000		582.000	582.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	4	13.0000	3.55903	18.0000	10.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	4	1.04500	1.12560	2.73000	.410000	78/09	79/06
NO2-N	TOTAL	MG/L	4	.082500	.057373	.150000	.030000	78/09	79/06
NO3-N	TOTAL	MG/L	4	2.51500	1.61680	4.31000	.420000	78/09	79/06
TOT KJEL	N	MG/L	4	1.75000	1.35769	3.50000	.200000	78/09	79/06
PHOS-TOT		MG/L P	4	2.38000	2.64288	6.34000	.920000	78/09	79/06
TOT HARD	CACO3	MG/L	3	372.333	21.9645	386.000	347.000	78/12	79/06
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	550.000		550.000	550.000	79/06	79/06
LEAD	PB,TOT	UG/L	4	5.75000	.957427	7.00000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	3	266.666	208.167	500.000	100.000	78/12	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	1	4300.00		4300.00	4300.00	78/12	78/12
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-143

STATION NUMBER 500070
40 56 55.0 084 15 58.0 2
AUGLAIZE R. BL FT. JENNINGS
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0039.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	21.7000	4.71493	25.0000	16.3000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	913.333	86.0116	1000.00	828.000	77/07	77/09
DO		MG/L	3	8.03333	.665921	8.80000	7.60000	77/07	77/09
BOD	5 DAY	MG/L	3	12.0667	8.86360	22.3000	6.80000	77/07	77/09
COD	LOWLEVEL	MG/L	3	42.0000	8.71780	48.0000	32.0000	77/07	77/09
LAB	PH	SU	3	8.06667	.115581	8.20000	8.00000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	571.000	62.5060	633.000	508.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	82.0000	11.2694	89.0000	69.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.136667	.090185	.230000	.050000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.020000	.000000	.020000	.020000	77/07	77/09
NO3-N	TOTAL	MG/L	3	1.23333	.906330	2.11000	.300000	77/07	77/09
TOT KJEL	N	MG/L	3	1.36667	.472584	1.90000	1.00000	77/07	77/09
PHOS-TOT		MG/L P	3	.733333	.136137	.840000	.580000	77/07	77/09
PHOS-DIS		MG/L P	1	.540000		.540000	.540000	77/09	77/09
T ORG C	C	MG/L	3	9.66667	7.23419	18.0000	5.00000	77/07	77/09
TOT HARD	CACO3	MG/L	1	328.000		328.000	328.000	77/08	77/08
CHLORIDE	CL	MG/L	3	75.3333	21.9394	88.0000	50.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	3	480.000	463.573	1000.00	110.000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	1	300.000		300.000	300.000	77/08	77/08
MBAS		MG/L	1	.120000		.120000	.120000	77/08	77/08

TABLE RD 1-144

STATION NUMBER 500070
40 56 55.0 084 15 58.0 2
AUGLAIZE R. BL FT. JENNINGS
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0039.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	20.2000		20.2000	20.2000	78/07	78/07
CNDUCTVY	AT 25C	MICROMHO	1	960.000		960.000	960.000	78/07	78/07
DO		MG/L	1	5.80000		5.80000	5.80000	78/07	78/07
COD	LOWLEVEL	MG/L	1	39.0000		39.0000	39.0000	78/07	78/07
LAB	PH	SU	1	8.20000		8.20000	8.20000	78/07	78/07
RESIDUE	TOT NFLT	MG/L	1	86.0000		86.0000	86.0000	78/07	78/07
NH3+NH4-	N TOTAL	MG/L	1	.100000		.100000	.100000	78/07	78/07
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/07	78/07
NO3-N	TOTAL	MG/L	1	.140000		.140000	.140000	78/07	78/07
TOT KJEL	N	MG/L	1	2.10000		2.10000	2.10000	78/07	78/07
PHOS-TOT		MG/L P	1	1.08000		1.08000	1.08000	78/07	78/07
TOT HARD	CACO3	MG/L	1	379.000		379.000	379.000	78/07	78/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
IRON	FE,TOT	UG/L	1	3050.00		3050.00	3050.00	78/07	78/07
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/07	78/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
FEC COLI	MFM-FCBR	/100ML	1	40.0000		40.0000	40.0000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/07	78/07

TABLE RD 1-145

STATION NUMBER 500110
41 01 15.0 084 17 20.0 2
AUGLAIZE R. AT CLOVERDALE
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0028.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	23.5000	4.28493	26.8000	17.2000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	1075.67	177.727	1280.00	957.000	77/07	77/09
DO		MG/L	4	10.5500	1.52864	12.3000	8.60000	77/07	77/09
BOD	5 DAY	MG/L	3	6.70000	.264675	7.00000	6.50000	77/07	77/09
COD	LOWLEVEL	MG/L	4	41.7500	7.41058	48.0000	31.0000	77/07	77/09
LAB	PH	SU	3	8.26666	.378715	8.70000	8.00000	77/07	77/09
RESIDUE	DISS-105	C MG/L	4	724.500	121.330	844.000	616.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	4	72.2500	14.3846	91.0000	56.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	4	.095000	.040415	.150000	.060000	77/07	77/09
NO2-N	TOTAL	MG/L	4	.030000	.021602	.060000	.010000	77/07	77/09
NO3-N	TOTAL	MG/L	4	4.50750	.779010	5.44000	3.55000	77/07	77/09
TOT KJEL	N	MG/L	4	1.87500	.492445	2.50000	1.30000	77/07	77/09
PHOS-TOT		MG/L P	4	.602500	.103079	.750000	.510000	77/07	77/09
PHOS-DIS		MG/L P	1	.620000		.620000	.620000	77/09	77/09
T ORG C	C	MG/L	3	12.6667	6.42911	20.0000	8.00000	77/07	77/09
TOT HARD	CACO3	MG/L	2	350.500	62.9325	395.000	306.000	77/08	77/08
CHLORIDE	CL	MG/L	4	121.500	36.6833	156.000	85.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	77/08	77/08
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	77/08	77/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	77/08	77/08
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	3	296.666	308.923	630.000	20.0000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	1	230.000		230.000	230.000	77/08	77/08
MBAS		MG/L	2	.280000	.028283	.300000	.260000	77/08	77/08
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	77/08	77/08

TABLE RD 1-146

STATION NUMBER 500110
41 01 15.0 084 17 20.0 2
AUGLAIZE R. AT CLOVERDALE
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0028.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	22.0000		22.0000	22.0000	78/07	78/07
CNDUCTVY	AT 25C	MICROMHO	1	1290.00		1290.00	1290.00	78/07	78/07
DO		MG/L	1	6.90000		6.90000	6.90000	78/07	78/07
COD	LOWLEVEL	MG/L	1	34.0000		34.0000	34.0000	78/07	78/07
LAB	PH	SU	1	8.90000		8.90000	8.90000	78/07	78/07
RESIDUE	TOT NFLT	MG/L	1	96.0000		96.0000	96.0000	78/07	78/07
NH3+NH4-	N TOTAL	MG/L	1	.120000		.120000	.120000	78/07	78/07
NO2-N	TOTAL	MG/L	1	.020000		.020000	.020000	78/07	78/07
NO3-N	TOTAL	MG/L	1	1.65000		1.65000	1.65000	78/07	78/07
TOT KJEL	N	MG/L	1	2.10000		2.10000	2.10000	78/07	78/07
PHOS-TOT		MG/L P	1	.670000		.670000	.670000	78/07	78/07
TOT HARD	CACO3	MG/L	1	437.000		437.000	437.000	78/07	78/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
IRON	FE,TOT	UG/L	1	1530.00		1530.00	1530.00	78/07	78/07
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/07	78/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
FEC COLI	MFM-FCBR	/100ML	1	10.0000		10.0000	10.0000	78/07	78/07
FECSTREP	MF M-ENT	/100ML	1	100.000		100.000	100.000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/07	78/07

TABLE RD 1-147

STATION NUMBER 500130
41 05 32.0 084 22 55.0 2
AUGLAIZE RIVER AT OAKWOOD
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 19.3)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	21.9000	4.68613	24.9000	16.5000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	772.333	140.061	876.000	613.000	77/07	77/09
DO		MG/L	3	8.96666	1.50117	10.7000	8.10000	77/07	77/09
BOD	5 DAY	MG/L	3	6.36666	2.94846	9.70000	4.10000	77/07	77/09
COD	LOWLEVEL	MG/L	3	34.0000	10.0000	44.0000	24.0000	77/07	77/09
LAB	PH	SU	3	8.03332	.321727	8.40000	7.80000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	492.666	90.1643	566.000	392.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	55.0000	19.0788	67.0000	33.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.066667	.015276	.080000	.050000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.040000	.020000	.060000	.020000	77/07	77/09
NO3-N	TOTAL	MG/L	3	3.07667	.865585	3.96000	2.23000	77/07	77/09
TOT KJEL	N	MG/L	3	1.30000	.818536	2.20000	.600000	77/07	77/09
PHOS-TOT		MG/L P	3	.433333	.141541	.520000	.270000	77/07	77/09
PHOS-DIS		MG/L P	1	.260000		.260000	.260000	77/09	77/09
T ORG C	C	MG/L	3	11.3333	6.80687	19.0000	6.00000	77/07	77/09
TOT HARD	CACO3	MG/L	1	239.000		239.000	239.000	77/08	77/08
CHLORIDE	CL	MG/L	3	56.0000	17.5784	76.0000	43.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	3	183.333	145.717	300.000	20.0000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	1	1090.00		1090.00	1090.00	77/08	77/08
MBAS		MG/L	1	.160000		.160000	.160000	77/08	77/08

TABLE RD 1-148

STATION NUMBER 500130
41 05 32.0 084 22 55.0 2
AUGLAIZE RIVER AT OAKWOOD
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 19.3)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	22.0000		22.0000	22.0000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	1040.00		1040.00	1040.00	78/08	78/08
DO		MG/L	1	4.80000		4.80000	4.80000	78/08	78/08
COD	LOWLEVEL	MG/L	1	34.0000		34.0000	34.0000	78/08	78/08
LAB	PH	SU	1	8.80000		8.80000	8.80000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	40.0000		40.0000	40.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.020000		.020000	.020000	78/08	78/08
NO3-N	TOTAL	MG/L	1	.430000		.430000	.430000	78/08	78/08
TOT KJEL	N	MG/L	1	2.20000		2.20000	2.20000	78/08	78/08
PHOS-TOT		MG/L P	1	.570000		.570000	.570000	78/08	78/08
TOT HARD	CACO3	MG/L	1	385.000		385.000	385.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1140.00		1140.00	1140.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	20.0000		20.0000	20.0000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-149

STATION NUMBER 500290
41 15 13.0 084 23 33.0 2
AUGLAIZE R. AB DEFIANCE
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0004.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	13.0727	9.48062	24.0000	.000000	77/07	78/06
CNDUCTVY	AT 25C	MICROMHO	12	735.166	212.783	1170.00	373.000	77/07	78/06
DO		MG/L	11	9.36363	2.99609	15.4000	5.90000	77/07	78/06
BOD	5 DAY	MG/L	9	4.85555	1.88091	7.10000	1.60000	77/07	78/05
COD	LOWLEVEL	MG/L	12	24.3333	6.22806	34.0000	15.0000	77/07	78/06
LAB	PH	SU	12	7.76666	.230893	8.10000	7.40000	77/07	78/06
RESIDUE	DISS-105	C MG/L	12	459.000	147.529	726.000	194.000	77/07	78/06
RESIDUE	TOT NFLT	MG/L	12	37.9167	24.8832	90.0000	10.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	12	.953333	1.71719	6.20000	.080000	77/07	78/06
NO2-N	TOTAL	MG/L	12	.092500	.022613	.140000	.070000	77/07	78/06
NO3-N	TOTAL	MG/L	12	3.67916	1.19182	5.72000	2.16000	77/07	78/06
TOT KJEL	N	MG/L	12	2.31666	2.07182	8.70000	1.10000	77/07	78/06
PHOS-TOT		MG/L P	12	.653333	.746084	2.84000	.130000	77/07	78/06
PHOS-DIS		MG/L P	6	.556666	.561913	1.40000	.050000	77/09	78/06
T ORG C	C	MG/L	12	12.4750	3.83456	19.0000	6.00000	77/07	78/06
TOT HARD	CACO3	MG/L	12	304.500	78.4770	440.000	167.000	77/07	78/06
CHLORIDE	CL	MG/L	12	51.4167	24.7734	100.000	19.0000	77/07	78/06
SULFATE	SO4-TOT	MG/L	12	119.917	45.3642	199.000	40.0000	77/07	78/06
ARSENIC	AS,TOT	UG/L	12	10.0000	.000000	10.0000	10.0000	77/07	78/06
CADMIUM	CD,TOT	UG/L	12	5.00000	.000000	5.00000	5.00000	77/07	78/06
CHROMIUM	CR,TOT	UG/L	12	30.0000	.000000	30.0000	30.0000	77/07	78/06
COPPER	CU,TOT	UG/L	12	30.0000	.000000	30.0000	30.0000	77/07	78/06
LEAD	PB,TOT	UG/L	11	8.36364	8.13969	32.0000	5.00000	77/07	78/06
ZINC	ZN,TOT	UG/L	11	45.4545	23.8175	90.0000	30.0000	77/07	78/05
FEC COLI	MFM-FCBR	/100ML	12	384.166	533.572	1900.00	10.0000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	9	1901.22	2622.56	7900.00	1.00000	77/08	78/06
MBAS		MG/L	4	.160000	.081240	.240000	.090000	77/08	78/05
PCBS	WHL SMPL	UG/L	12	.500000	.000000	.500000	.500000	77/07	78/06
MERCURY	HG,TOTAL	UG/L	11	.509091	.030153	.600000	.500000	77/07	78/06

TABLE RD 1-150

STATION NUMBER 500290
41 15 13.0 084 23 33.0 2
AUGLAIZE R. AB DEFIANCE
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0004.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	15.5778	8.95081	25.8000	2.80000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	10	865.400	177.366	1120.00	679.000	78/07	79/06
DO		MG/L	9	9.23333	2.48195	12.3000	5.40000	78/07	79/06
BOD	5 DAY	MG/L	10	5.56999	3.48586	11.1000	1.50000	78/07	79/06
COD	LOWLEVEL	MG/L	9	24.8111	8.66730	35.0000	9.80000	78/07	79/06
LAB	PH	SU	10	8.31999	.407783	9.00000	7.80000	78/07	79/06
RESIDUE	DISS-105	C MG/L	10	535.300	127.001	718.000	379.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	10	31.8000	9.17492	52.0000	21.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	10	.123000	.081111	.280000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	10	.063000	.047621	.140000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	10	5.54000	5.85908	15.1000	.200000	78/07	79/06
TOT KJEL	N	MG/L	10	1.59000	.901171	3.20000	.600000	78/07	79/06
PHOS-TOT		MG/L P	10	.393000	.306596	1.06000	.080000	78/07	79/06
PHOS-DIS		MG/L P	7	.228571	.165170	.520000	.050000	78/08	79/06
T ORG C	C	MG/L	8	19.7375	9.82549	41.0000	8.70000	78/07	79/06
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	79/03	79/04
TOT HARD	CACO3	MG/L	10	318.800	34.1482	362.000	277.000	78/07	79/06
CHLORIDE	CL	MG/L	10	64.7000	38.6122	117.000	11.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	9	165.222	65.8707	251.000	86.0000	78/07	79/06
ARSENIC	AS,TOT	UG/L	10	10.7000	3.71334	20.0000	5.00000	78/07	79/06
CADMIUM	CD,TOT	UG/L	10	5.50000	1.58114	10.0000	5.00000	78/07	79/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	79/03	79/03
CHROMIUM	CR,TOT	UG/L	10	30.0000	.000000	30.0000	30.0000	78/07	79/06
COPPER	CU,TOT	UG/L	10	30.0000	.000000	30.0000	30.0000	78/07	79/06
LEAD	PB,TOT	UG/L	10	10.3000	7.94495	29.0000	5.00000	78/07	79/06
ZINC	ZN,TOT	UG/L	10	31.0000	3.16228	40.0000	30.0000	78/07	79/06
FEC COLI	MFM-FCBR	/100ML	10	172.200	327.460	1070.00	1.00000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	7	301.428	376.228	970.000	10.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	3	5.00000	2.64575	7.00000	2.00000	79/03	79/05
MBAS		MG/L	6	.160000	.057271	.250000	.110000	78/08	79/06
PCBS	WHL SMPL	UG/L	6	.500000	.000000	.500000	.500000	78/07	79/04
MERCURY	HG,TOTAL	UG/L	10	.500000	.000000	.500000	.500000	78/07	79/06

TABLE RD 1-151

STATION NUMBER 500040
41 03 21.0 083 41 17.0 2
BLANCHARD R. BL FINDLAY
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0026.20 053.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	13.8083	8.97557	24.2000	1.00000	77/07	78/06
CNDUCTVY	AT 25C	MICROMHO	12	828.583	282.449	1610.00	537.000	77/07	78/06
DO		MG/L	12	7.96666	3.68544	15.8000	3.20000	77/07	78/06
BOD	5 DAY	MG/L	9	6.11111	2.56294	9.60000	1.60000	77/07	78/05
COD	LOWLEVEL	MG/L	14	23.6428	5.77276	37.0000	14.0000	77/07	78/06
LAB	PH	SU	14	7.60714	.197927	7.90000	7.30000	77/07	78/06
RESIDUE	DISS-105	C MG/L	13	584.769	194.589	1050.00	340.000	77/07	78/06
RESIDUE	TOT NFLT	MG/L	14	27.5714	17.5706	63.0000	10.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	13	1.92153	1.38340	4.11000	.260000	77/07	78/06
NO2-N	TOTAL	MG/L	12	.179166	.135208	.550000	.050000	77/07	78/06
NO3-N	TOTAL	MG/L	13	3.75076	2.16994	8.85000	.570000	77/07	78/06
TOT KJEL	N	MG/L	13	3.34615	2.02511	8.30000	.900000	77/07	78/06
PHOS-TOT		MG/L P	13	1.50154	.902006	3.31000	.110000	77/07	78/06
PHOS-DIS		MG/L P	5	1.37000	.394970	1.88000	.870000	77/09	78/06
T ORG C	C	MG/L	11	10.6182	3.94204	15.6000	3.00000	77/07	78/06
TOT HARD	CACO3	MG/L	13	323.923	60.7069	400.000	230.000	77/07	78/06
CHLORIDE	CL	MG/L	12	42.5833	13.8988	73.0000	26.0000	77/07	78/06
ARSENIC	AS,TOT	UG/L	12	10.0000	.000000	10.0000	10.0000	77/07	78/06
CADMIUM	CD,TOT	UG/L	12	5.00000	.000000	5.00000	5.00000	77/07	78/06
CHROMIUM	CR,TOT	UG/L	13	30.0000	.000000	30.0000	30.0000	77/07	78/06
COPPER	CU,TOT	UG/L	13	30.7692	2.77369	40.0000	30.0000	77/07	78/06
LEAD	PB,TOT	UG/L	13	8.92308	5.33013	18.0000	5.00000	77/07	78/06
NICKEL	NI,TOTAL	UG/L	13	100.000	.000000	100.000	100.000	77/07	78/06
ZINC	ZN,TOT	UG/L	12	44.1667	16.7649	80.0000	30.0000	77/07	78/06
FEC COLI	MFM-FCBR	/100ML	10	2589.00	3312.22	9600.00	50.0000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	10	2191.60	3660.38	9500.00	10.0000	77/07	78/06
MBAS		MG/L	12	.216666	.039622	.280000	.150000	77/07	78/06
PCBS	WHL SMPL	UG/L	11	.500000	.000000	.500000	.500000	77/07	78/06
MERCURY	HG,TOTAL	UG/L	11	.500000	.000000	.500000	.500000	77/07	78/06

TABLE RD 1-152

STATION NUMBER 500040
41 03 21.0 083 41 17.0 2
BLANCHARD R. BL FINDLAY
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0026.20 053.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	16.2555	8.96915	26.9000	4.90000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	12	909.416	193.354	1350.00	646.000	78/07	79/06
DO		MG/L	9	6.89999	3.71988	12.4000	2.90000	78/07	79/06
BOD	5 DAY	MG/L	11	5.96363	2.53665	10.0000	2.00000	78/07	79/05
COD	LOWLEVEL	MG/L	11	27.5182	7.18712	42.0000	16.0000	78/07	79/06
LAB	PH	SU	12	7.66666	.238645	8.30000	7.40000	78/07	79/06
T ALK	CACO3	MG/L	1	155.000		155.000	155.000	79/05	79/05
RESIDUE	DISS-105	C MG/L	12	521.583	111.110	802.000	357.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	19.6667	11.1546	46.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	4.84166	3.73029	9.90000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.338333	.577578	2.13000	.040000	78/07	79/06
NO3-N	TOTAL	MG/L	12	3.31416	3.12030	8.93000	.150000	78/07	79/06
TOT KJEL	N	MG/L	12	5.13916	4.14585	10.8000	.200000	78/07	79/06
PHOS-TOT		MG/L P	11	2.53545	2.69510	7.91000	.050000	78/07	79/06
PHOS-DIS		MG/L P	8	1.27875	1.68757	4.37000	.050000	78/08	79/06
T ORG C	C	MG/L	11	18.1273	7.21434	35.0000	9.80000	78/07	79/06
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	79/03	79/04
TOT HARD	CACO3	MG/L	12	307.833	54.4084	396.000	225.000	78/07	79/06
CHLORIDE	CL	MG/L	12	55.1667	42.4710	155.000	11.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	3	119.000	19.9249	142.000	107.000	79/04	79/06
SILICA	DISOLVED	MG/L	2	2.39000	2.10718	3.88000	.900000	79/05	79/06
ARSENIC	AS,TOT	UG/L	12	10.8333	2.88676	20.0000	10.0000	78/07	79/06
CADMIUM	CD,TOT	UG/L	12	5.00000	.000000	5.00000	5.00000	78/07	79/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	79/03	79/03
CHROMIUM	CR,TOT	UG/L	12	30.0000	.000000	30.0000	30.0000	78/07	79/06
COPPER	CU,TOT	UG/L	12	30.0000	.000000	30.0000	30.0000	78/07	79/06
LEAD	PB,TOT	UG/L	12	9.58333	5.64814	24.0000	5.00000	78/07	79/06
NICKEL	NI,TOTAL	UG/L	10	100.000	.000000	100.000	100.000	78/07	79/06
ZINC	ZN,TOT	UG/L	12	36.6667	9.84740	60.0000	30.0000	78/07	79/06
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	79/05	79/05
SELENIUM	SE,TOT	UG/L	1	6.00000		6.00000	6.00000	79/05	79/05
FEC COLI	MFM-FCBR	/100ML	9	1035.56	1795.21	5700.00	30.0000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	7	12177.1	28707.9	77000.0	20.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	6.75000	2.21736	10.0000	5.00000	79/03	79/06
MBAS		MG/L	12	.284166	.085543	.430000	.140000	78/07	79/06
PCBS	WHL SMPL	UG/L	8	.312500	.258775	.500000	.000000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	12	.500000	.000000	.500000	.500000	78/07	79/06

TABLE RD 1-153

STATION NUMBER 500090
41 05 14.0 084 16 12.0 2
BLANCHARD R. ABOVE DUPONT
LAKE ERIE (MAUMEE RIVER BASIN)
MILES 0063.80 0026.20 002.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	21.2000	4.43062	24.1000	16.1000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	698.333	65.3682	770.000	642.000	77/07	77/09
DO		MG/L	3	7.86666	2.23684	10.3000	5.90000	77/07	77/09
BOD	5 DAY	MG/L	2	6.20000	.565692	6.60000	5.80000	77/07	77/09
COD	LOWLEVEL	MG/L	3	29.6667	2.08191	32.0000	28.0000	77/07	77/09
LAB	PH	SU	3	7.86666	.251900	8.10000	7.60000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	452.333	28.7484	483.000	426.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	83.3333	20.2321	96.0000	60.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.223333	.192180	.430000	.050000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.026667	.020817	.050000	.010000	77/07	77/09
NO3-N	TOTAL	MG/L	3	1.69333	1.16642	3.04000	1.00000	77/07	77/09
TOT KJEL	N	MG/L	3	1.10000	.556778	1.70000	.600000	77/07	77/09
PHOS-TOT		MG/L P	2	.375000	.275772	.570000	.180000	77/07	77/09
PHOS-DIS		MG/L P	1	.050000		.050000	.050000	77/09	77/09
T ORG C	C	MG/L	3	9.33333	3.05508	12.0000	6.00000	77/07	77/09
CHLORIDE	CL	MG/L	3	33.6667	1.15519	35.0000	33.0000	77/07	77/09
FEC COLI	MFM-FCBR	/100ML	3	150.000	137.477	300.000	30.0000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	3	80.0000	36.0555	110.000	40.0000	77/07	77/09

TABLE RD 1-154

STATION NUMBER 500090
41 05 14.0 084 16 12.0 2
BLANCHARD R. ABOVE DUPONT
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0026.20 002.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	22.1000		22.1000	22.1000	78/07	78/07
CNDUCTVY	AT 25C	MICROMHO	1	810.000		810.000	810.000	78/07	78/07
DO		MG/L	1	5.80000		5.80000	5.80000	78/07	78/07
COD	LOWLEVEL	MG/L	1	23.0000		23.0000	23.0000	78/07	78/07
LAB	PH	SU	1	7.90000		7.90000	7.90000	78/07	78/07
RESIDUE	TOT NFLT	MG/L	1	96.0000		96.0000	96.0000	78/07	78/07
NH3+NH4-	N TOTAL	MG/L	1	.150000		.150000	.150000	78/07	78/07
NO2-N	TOTAL	MG/L	1	.040000		.040000	.040000	78/07	78/07
NO3-N	TOTAL	MG/L	1	.970000		.970000	.970000	78/07	78/07
TOT KJEL	N	MG/L	1	1.50000		1.50000	1.50000	78/07	78/07
PHOS-TOT		MG/L P	1	.630000		.630000	.630000	78/07	78/07
TOT HARD	CACO3	MG/L	1	324.000		324.000	324.000	78/07	78/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
IRON	FE,TOT	UG/L	1	3800.00		3800.00	3800.00	78/07	78/07
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/07	78/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
FEC COLI	MFM-FCBR	/100ML	1	2450.00		2450.00	2450.00	78/07	78/07
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/07	78/07

TABLE RD 1-155

STATION NUMBER 510200
41 05 32.0 084 24 28.0 2
L AUGLAIZE R BL MELROSE
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 2.0)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	22.1333	4.87887	25.0000	16.5000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	918.666	314.557	1280.00	706.000	77/07	77/09
DO		MG/L	3	10.8667	6.52712	18.4000	6.90000	77/07	77/09
COD	LOWLEVEL	MG/L	3	34.6667	3.05524	38.0000	32.0000	77/07	77/09
LAB	PH	SU	3	8.43333	.802181	9.20000	7.60000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	595.333	211.304	838.000	452.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	69.6667	20.5021	90.0000	49.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.076667	.030551	.110000	.050000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.056667	.047258	.110000	.020000	77/07	77/09
NO3-N	TOTAL	MG/L	3	.970000	1.15287	2.28000	.110000	77/07	77/09
TOT KJEL	N	MG/L	3	1.53333	.550757	1.90000	.900000	77/07	77/09
PHOS-TOT		MG/L P	3	.646667	.285891	.960000	.400000	77/07	77/09
PHOS-DIS		MG/L P	1	.370000		.370000	.370000	77/09	77/09
T ORG C	C	MG/L	3	14.0000	4.58258	18.0000	9.00000	77/07	77/09
TOT HARD	CACO3	MG/L	1	253.000		253.000	253.000	77/08	77/08
CHLORIDE	CL	MG/L	3	76.3333	44.1626	127.000	46.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	3	123.333	100.665	230.000	30.0000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	1	20.0000		20.0000	20.0000	77/08	77/08

TABLE RD 1-156

STATION NUMBER 510200
41 05 32.0 084 24 28.0 2
L AUGLAIZE R BL MELROSE
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 2.0)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	21.5000		21.5000	21.5000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	970.000		970.000	970.000	78/08	78/08
DO		MG/L	1	5.70000		5.70000	5.70000	78/08	78/08
COD	LOWLEVEL	MG/L	1	21.0000		21.0000	21.0000	78/08	78/08
LAB	PH	SU	1	8.60000		8.60000	8.60000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	45.0000		45.0000	45.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/08	78/08
NO3-N	TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
TOT KJEL	N	MG/L	1	1.50000		1.50000	1.50000	78/08	78/08
PHOS-TOT		MG/L P	1	1.01000		1.01000	1.01000	78/08	78/08
TOT HARD	CACO3	MG/L	1	363.000		363.000	363.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1670.00		1670.00	1670.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	40.0000		40.0000	40.0000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-157

STATION NUMBER 500270
40 45 56.0 084 00 47.0 2
OTTAWA R. AT THAYER RD. AB LIMA
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 45.4)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	19.7500	1.96059	21.3000	17.0000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	783.666	99.5138	874.000	677.000	77/07	77/09
DO		MG/L	4	5.32500	.680095	6.00000	4.40000	77/07	77/09
BOD	5 DAY	MG/L	2	3.65000	1.34350	4.60000	2.70000	77/07	77/09
COD	LOWLEVEL	MG/L	4	26.2500	7.13559	36.0000	20.0000	77/07	77/09
LAB	PH	SU	3	7.99999	.100884	8.10000	7.90000	77/07	77/09
RESIDUE	DISS-105	C MG/L	4	521.500	77.3111	586.000	416.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	4	18.0000	7.83156	28.0000	10.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	4	.524999	.615873	1.41000	.050000	77/07	77/09
NO2-N	TOTAL	MG/L	4	.012500	.005000	.020000	.010000	77/07	77/09
NO3-N	TOTAL	MG/L	4	.600000	.821908	1.82000	.050000	77/07	77/09
TOT KJEL	N	MG/L	4	1.15000	.597215	1.90000	.500000	77/07	77/09
PHOS-TOT		MG/L P	4	.420000	.248060	.580000	.050000	77/07	77/09
T ORG C	C	MG/L	3	4.00000	3.00000	7.00000	1.00000	77/07	77/09
TOT HARD	CACO3	MG/L	4	350.000	63.4613	406.000	265.000	77/07	77/09
CHLORIDE	CL	MG/L	4	45.2500	6.34429	54.0000	39.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	77/07	77/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	77/09
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	77/09
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	77/09
LEAD	PB,TOT	UG/L	1	13.0000		13.0000	13.0000	77/07	77/07
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	77/07	77/07
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	77/09
FEC COLI	MFM-FCBR	/100ML	3	173.333	120.554	300.000	60.0000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	3	330.000	170.587	470.000	140.000	77/07	77/09
MBAS		MG/L	2	.140000	.028285	.160000	.120000	77/07	77/08
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	77/07	77/09

TABLE RD 1-158

STATION NUMBER 500270
40 45 56.0 084 00 47.0 2
OTTAWA R. AT THAYER RD. AB LIMA
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 45.4)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	19.2000		19.2000	19.2000	78/07	78/07
CNDUCTVY	AT 25C	MICROMHO	1	870.000		870.000	870.000	78/07	78/07
DO		MG/L	1	6.70000		6.70000	6.70000	78/07	78/07
COD	LOWLEVEL	MG/L	1	21.0000		21.0000	21.0000	78/07	78/07
LAB	PH	SU	1	8.20000		8.20000	8.20000	78/07	78/07
RESIDUE	TOT NFLT	MG/L	1	25.0000		25.0000	25.0000	78/07	78/07
NH3+NH4-	N TOTAL	MG/L	1	.100000		.100000	.100000	78/07	78/07
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/07	78/07
NO3-N	TOTAL	MG/L	1	.130000		.130000	.130000	78/07	78/07
TOT KJEL	N	MG/L	1	1.00000		1.00000	1.00000	78/07	78/07
PHOS-TOT		MG/L P	1	.290000		.290000	.290000	78/07	78/07
TOT HARD	CACO3	MG/L	1	388.000		388.000	388.000	78/07	78/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
IRON	FE,TOT	UG/L	1	1130.00		1130.00	1130.00	78/07	78/07
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/07	78/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
FEC COLI	MFM-FCBR	/100ML	1	200.000		200.000	200.000	78/07	78/07
FECSTREP	MF M-ENT	/100ML	1	130.000		130.000	130.000	78/07	78/07
PHENOLS	TOTAL	UG/L	1	4.00000		4.00000	4.00000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/07	78/07

TABLE RD 1-159

STATION NUMBER 500050
40 45 18.0 084 11 41.0 2
OTTAWA R. AT ALLENTOWN
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0033.20 028.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	13	15.5846	9.63447	26.1000	1.00000	77/07	78/06
CNDUCTVY	AT 25C	MICROMHO	11	1128.00	398.488	1870.00	500.000	77/07	78/06
DO		MG/L	13	7.39230	3.73396	14.8000	2.90000	77/07	78/06
BOD	5 DAY	MG/L	8	8.16250	2.48477	12.0000	5.50000	77/07	78/05
COD	LOWLEVEL	MG/L	13	32.3077	7.50991	54.0000	23.0000	77/07	78/06
LAB	PH	SU	12	7.60833	.206484	7.90000	7.20000	77/07	78/06
RESIDUE	DISS-105	C MG/L	12	812.916	241.953	1181.00	404.000	77/07	78/06
RESIDUE	TOT NFLT	MG/L	12	12.9167	4.81397	22.0000	10.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	14	6.01214	5.09756	16.4000	.500000	77/07	78/06
NO2-N	TOTAL	MG/L	13	.649999	.405072	1.55000	.130000	77/07	78/06
NO3-N	TOTAL	MG/L	13	7.15076	3.26718	16.6000	3.27000	77/07	78/06
TOT KJEL	N	MG/L	13	9.00000	7.37315	22.4000	1.40000	77/07	78/06
PHOS-TOT		MG/L P	12	3.31750	4.72899	12.6000	.400000	77/07	78/06
PHOS-DIS		MG/L P	5	2.41000	3.02218	7.70000	.540000	77/11	78/06
T ORG C	C	MG/L	12	15.5083	7.97695	34.0000	1.00000	77/07	78/06
CYANIDE	CN-TOT	MG/L	10	.116000	.147814	.370000	.010000	77/07	78/04
TOT HARD	CACO3	MG/L	13	398.308	60.3566	479.000	265.000	77/07	78/06
CHLORIDE	CL	MG/L	13	140.231	61.2715	240.000	44.0000	77/07	78/06
ARSENIC	AS,TOT	UG/L	12	10.0000	.000000	10.0000	10.0000	77/07	78/06
CADMIUM	CD,TOT	UG/L	13	5.00000	.000000	5.00000	5.00000	77/07	78/06
CHROMIUM	HEX-VAL	UG/L	13	30.0000	.000000	30.0000	30.0000	77/07	78/06
CHROMIUM	CR,TOT	UG/L	14	32.1428	5.78942	50.0000	30.0000	77/07	78/06
COPPER	CU,TOT	UG/L	12	30.0000	.000000	30.0000	30.0000	77/07	78/06
LEAD	PB,TOT	UG/L	13	8.84615	6.79272	28.0000	5.00000	77/07	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	77/07	77/08
ZINC	ZN,TOT	UG/L	13	71.5384	48.7932	180.000	30.0000	77/07	78/06
FEC COLI	MFM-FCBR	/100ML	11	1105.55	1722.79	6000.00	1.00000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	11	1288.27	2397.91	8000.00	1.00000	77/07	78/06
PHENOLS	TOTAL	UG/L	12	21.3333	21.1288	67.0000	4.00000	77/07	78/06
MBAS		MG/L	12	.494166	.212964	.910000	.270000	77/07	78/06
PCBS	WHL SMPL	UG/L	8	1.13750	1.80312	5.60000	.500000	77/10	78/05
MERCURY	HG,TOTAL	UG/L	13	.507692	.027738	.600000	.500000	77/07	78/06

TABLE RD 1-160

STATION NUMBER 500050
40 45 18.0 084 11 41.0 2
OTTAWA R. AT ALLENTOWN
LAKE ERIE (MAUMEE RIVER BASIN)
MILES 0063.80 0033.20 028.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	8	16.1375	7.56460	25.2000	4.10000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	12	1383.83	342.979	1830.00	646.000	78/07	79/06
DO		MG/L	8	7.12500	2.28582	10.2000	3.80000	78/07	79/06
BOD	5 DAY	MG/L	11	6.40000	3.58190	13.4000	2.80000	78/07	79/06
COD	LOWLEVEL	MG/L	11	32.1545	9.60320	51.0000	21.0000	78/07	79/06
LAB	PH	SU	12	7.63333	.299517	8.00000	7.20000	78/07	79/06
RESIDUE	DISS-105	C MG/L	12	879.833	241.345	1140.00	363.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	25.0000	50.7077	186.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	3.30666	3.71861	13.4000	.530000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.519166	.459435	1.64000	.050000	78/07	79/06
NO3-N	TOTAL	MG/L	12	6.64333	2.12298	9.60000	3.09000	78/07	79/06
TOT KJEL	N	MG/L	12	6.43333	5.23959	19.6000	1.80000	78/07	79/06
PHOS-TOT		MG/L P	12	1.11750	1.10313	3.70000	.110000	78/07	79/06
PHOS-DIS		MG/L P	8	.748749	.759970	1.92000	.100000	78/08	79/06
T ORG C	C	MG/L	10	23.6300	15.2857	65.0000	12.5000	78/07	79/06
CYANIDE	CN-TOT	MG/L	10	.028000	.025298	.090000	.010000	78/07	79/06
TOT HARD	CACO3	MG/L	12	404.166	68.1582	466.000	234.000	78/07	79/06
CHLORIDE	CL	MG/L	12	137.000	72.9259	238.000	13.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	4	259.750	160.608	470.000	100.000	78/11	79/06
SILICA	DISOLVED	MG/L	1	5.14000		5.14000	5.14000	79/05	79/05
ARSENIC	AS,TOT	UG/L	12	10.8333	2.88676	20.0000	10.0000	78/07	79/06
CADMIUM	CD,TOT	UG/L	12	5.00000	.000000	5.00000	5.00000	78/07	79/06
CHROMIUM	HEX-VAL	UG/L	11	33.9091	12.9650	73.0000	30.0000	78/07	79/06
CHROMIUM	CR,TOT	UG/L	12	36.6667	14.9748	80.0000	30.0000	78/07	79/06
COPPER	CU,TOT	UG/L	11	30.0000	.000000	30.0000	30.0000	78/07	79/06
LEAD	PB,TOT	UG/L	12	9.08333	4.73783	19.0000	5.00000	78/07	79/06
ZINC	ZN,TOT	UG/L	12	65.8333	37.0401	170.000	30.0000	78/07	79/06
FEC COLI	MFM-FCBR	/100ML	11	2403.64	3878.56	13000.0	60.0000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	7	301.571	358.302	880.000	1.00000	78/07	79/06
PHENOLS	TOTAL	UG/L	9	8.00000	3.84057	14.0000	2.00000	78/07	79/06
MBAS		MG/L	11	.401818	.142465	.560000	.170000	78/07	79/06
PCBS	WHL SMPL	UG/L	6	.416667	.204124	.500000	.000000	78/07	79/04
MERCURY	HG,TOTAL	UG/L	12	.500000	.000000	.500000	.500000	78/07	79/06

TABLE RD 1-161

STATION NUMBER 500150
40 59 24.0 084 13 36.0 2
OTTAWA R. AT KALIDA
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0033.20 000.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	22.4750	3.19311	25.0000	17.8000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	1313.33	172.145	1450.00	1120.00	77/07	77/09
DO		MG/L	4	9.14999	1.20697	10.8000	7.90000	77/07	77/09
BOD	5 DAY	MG/L	2	6.75000	.353553	7.00000	6.50000	77/07	77/09
COD	LOWLEVEL	MG/L	4	40.7500	14.1745	58.0000	26.0000	77/07	77/09
LAB	PH	SU	3	8.23333	.289023	8.40000	7.90000	77/07	77/09
RESIDUE	DISS-105	C MG/L	4	922.500	166.488	1118.00	712.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	4	37.5000	6.35085	44.0000	29.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	4	.750000	1.21557	2.57000	.050000	77/07	77/09
NO2-N	TOTAL	MG/L	4	.182500	.208387	.490000	.030000	77/07	77/09
NO3-N	TOTAL	MG/L	4	9.57000	5.23407	17.3100	5.75000	77/07	77/09
TOT KJEL	N	MG/L	4	2.47500	1.86436	5.20000	1.00000	77/07	77/09
PHOS-TOT		MG/L P	4	.430000	.207365	.660000	.240000	77/07	77/09
PHOS-DIS		MG/L P	1	.050000		.050000	.050000	77/09	77/09
T ORG C	C	MG/L	3	17.3333	9.29159	28.0000	11.0000	77/07	77/09
TOT HARD	CACO3	MG/L	4	396.000	32.1351	444.000	377.000	77/07	77/09
CHLORIDE	CL	MG/L	4	168.500	50.7313	224.000	107.000	77/07	77/09
ARSENIC	AS,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	77/07	77/09
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/07	77/09
CHROMIUM	HEX-VAL	UG/L	4	30.0000	.000000	30.0000	30.0000	77/07	77/09
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/07	77/09
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/07	77/09
LEAD	PB,TOT	UG/L	4	6.75000	2.87228	11.0000	5.00000	77/07	77/09
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	77/07	77/08
ZINC	ZN,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	77/07	77/09
FEC COLI	MFM-FCBR	/100ML	3	1343.33	1694.59	3300.00	350.000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	3	170.000	112.694	300.000	100.000	77/07	77/09
PHENOLS	TOTAL	UG/L	3	7.66667	1.52755	9.00000	6.00000	77/07	77/09
MBAS		MG/L	4	.559999	.223160	.730000	.260000	77/07	77/09
PCBS	WHL SMPL	UG/L	3	.500000	.000000	.500000	.500000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	77/07	77/09

TABLE RD 1-162

STATION NUMBER 500150
40 59 24.0 084 13 36.0 2
OTTAWA R. AT KALIDA
LAKE ERIE (MAUMEE RIVER)
MILES 0063.80 0033.20 000.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	20.5000		20.5000	20.5000	78/07	78/07
CNDUCTVY	AT 25C	MICROMHO	1	1410.00		1410.00	1410.00	78/07	78/07
DO		MG/L	1	5.70000		5.70000	5.70000	78/07	78/07
COD	LOWLEVEL	MG/L	1	31.0000		31.0000	31.0000	78/07	78/07
LAB	PH	SU	1	8.70000		8.70000	8.70000	78/07	78/07
RESIDUE	TOT NFLT	MG/L	1	38.0000		38.0000	38.0000	78/07	78/07
NH3+NH4-	N TOTAL	MG/L	1	.250000		.250000	.250000	78/07	78/07
NO2-N	TOTAL	MG/L	1	.040000		.040000	.040000	78/07	78/07
NO3-N	TOTAL	MG/L	1	4.09000		4.09000	4.09000	78/07	78/07
TOT KJEL	N	MG/L	1	2.20000		2.20000	2.20000	78/07	78/07
PHOS-TOT		MG/L P	1	.660000		.660000	.660000	78/07	78/07
TOT HARD	CACO3	MG/L	1	439.000		439.000	439.000	78/07	78/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
IRON	FE,TOT	UG/L	1	1070.00		1070.00	1070.00	78/07	78/07
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/07	78/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
FEC COLI	MFM-FCBR	/100ML	1	410.000		410.000	410.000	78/07	78/07
FECSTREP	MF M-ENT	/100ML	1	310.000		310.000	310.000	78/07	78/07
PHENOLS	TOTAL	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/07	78/07

TABLE RD 1-163

STATION NUMBER 510180
41 26 17.0 084 44 57.0 2
ST JOSEPH R. BELOW EDGERTON
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 8.9)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	20.5666	3.95139	24.1000	16.3000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	533.000	74.3034	598.000	452.000	77/07	77/09
DO		MG/L	3	6.60000	1.01495	7.70000	5.70000	77/07	77/09
COD	LOWLEVEL	MG/L	3	30.4000	10.8296	38.0000	18.0000	77/07	77/09
LAB	PH	SU	3	7.83333	.153118	8.00000	7.70000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	337.333	43.0051	374.000	290.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	99.0000	98.7269	210.000	21.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.100000	.017320	.110000	.080000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.026667	.015275	.040000	.010000	77/07	77/09
NO3-N	TOTAL	MG/L	3	1.41333	1.10826	2.65000	.510000	77/07	77/09
TOT KJEL	N	MG/L	3	1.43333	.611011	2.10000	.900000	77/07	77/09
PHOS-TOT		MG/L P	3	.376666	.280239	.690000	.150000	77/07	77/09
T ORG C	C	MG/L	3	21.6667	1.52778	23.0000	20.0000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	3	249.667	38.0312	280.000	207.000	77/07	77/09
CHLORIDE	CL	MG/L	3	18.6667	2.51674	21.0000	16.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	77/07	77/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	77/09
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	77/09
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	77/09
LED	MFM-FCBR	/100ML	2	1050.50	1484.22	2100.00	1.00000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	2	565.500	798.323	1130.00	1.00000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	77/07	77/09

TABLE RD 1-164

STATION NUMBER 510180
41 26 17.0 084 44 57.0 2
ST JOSEPH R. BELOW EDGERTON
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 8.9)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	20.1000		20.1000	20.1000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	610.000		610.000	610.000	78/08	78/08
DO		MG/L	1	6.40000		6.40000	6.40000	78/08	78/08
COD	LOWLEVEL	MG/L	1	19.0000		19.0000	19.0000	78/08	78/08
LAB	PH	SU	1	8.10000		8.10000	8.10000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	30.0000		30.0000	30.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/08	78/08
NO3-N	TOTAL	MG/L	1	.680000		.680000	.680000	78/08	78/08
TOT KJEL	N	MG/L	1	1.00000		1.00000	1.00000	78/08	78/08
PHOS-TOT		MG/L P	1	.200000		.200000	.200000	78/08	78/08
TOT HARD	CACO3	MG/L	1	301.000		301.000	301.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1280.00		1280.00	1280.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	2600.00		2600.00	2600.00	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-165

STATION NUMBER 510010
40 32 07.0 084 22 38.0 2
ST. MARY'S R. AT ST. MARY'S
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 47.2)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	8.00000	10.6066	15.5000	.500000	78/03	78/06
CNDUCTVY	AT 25C	MICROMHO	2	875.000	205.061	1020.00	730.000	78/03	78/06
DO		MG/L	2	8.80000	2.12135	10.3000	7.30000	78/03	78/06
COD	LOWLEVEL	MG/L	2	19.5000	16.2635	31.0000	8.00000	78/03	78/06
LAB	PH	SU	2	7.80000	.141490	7.90000	7.70000	78/03	78/06
RESIDUE	TOT NFLT	MG/L	2	20.5000	9.19239	27.0000	14.0000	78/03	78/06
NH3+NH4-	N TOTAL	MG/L	2	.490000	.381838	.760000	.220000	78/03	78/06
NO2-N	TOTAL	MG/L	2	.110000	.113137	.190000	.030000	78/03	78/06
NO3-N	TOTAL	MG/L	2	3.46000	2.63044	5.32000	1.60000	78/03	78/06
TOT KJEL	N	MG/L	2	1.45000	.070711	1.50000	1.40000	78/03	78/06
PHOS-TOT		MG/L P	2	1.33000	1.51321	2.40000	.260000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
IRON	FE,TOT	UG/L	1	390.000		390.000	390.000	78/03	78/03
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/06	78/06
NICKEL	NI,TOTAL	UG/L	2	150.000	70.7107	200.000	100.000	78/03	78/06
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/06
FEC COLI	MFM-FCBR	/100ML	2	2150.00	2050.61	3600.00	700.000	78/03	78/06

TABLE RD 1-166

STATION NUMBER 510010
40 32 07.0 084 22 38.0 2
ST. MARY'S R. AT ST. MARY'S
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 47.2)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	10.7250	8.92464	20.2000	2.10000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	4	989.750	107.146	1150.00	925.000	78/09	79/06
DO		MG/L	3	7.16666	3.74479	11.2000	3.80000	78/09	79/06
BOD	5 DAY	MG/L	4	3.50000	3.27516	8.30000	1.00000	78/09	79/06
COD	LOWLEVEL	MG/L	1	13.8000		13.8000	13.8000	79/06	79/06
LAB	PH	SU	4	7.87500	.170970	8.10000	7.70000	78/09	79/06
RESIDUE	DISS-105	C MG/L	1	600.000		600.000	600.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	4	17.2500	7.97391	26.0000	10.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	4	.235000	.205345	.520000	.080000	78/09	79/06
NO2-N	TOTAL	MG/L	4	.055000	.064550	.150000	.010000	78/09	79/06
NO3-N	TOTAL	MG/L	4	3.38500	4.00417	9.07000	.160000	78/09	79/06
TOT KJEL	N	MG/L	4	1.17500	.801561	2.30000	.600000	78/09	79/06
PHOS-TOT		MG/L P	4	.240000	.174547	.470000	.090000	78/09	79/06
TOT HARD	CACO3	MG/L	4	417.750	31.7004	453.000	376.000	78/09	79/06
ARSENIC	AS,TOT	UG/L	2	10.5000	.707107	11.0000	10.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	930.000		930.000	930.000	79/06	79/06
LEAD	PB,TOT	UG/L	4	7.50000	2.38048	10.0000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/12	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	3	1263.33	1003.51	2400.00	500.000	78/09	79/06
FECSTREP	MF M-ENT	/100ML	2	1600.00	523.259	1970.00	1230.00	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-167

STATION NUMBER 510020
40 34 56.0 084 23 32.0 2
ST. MARY'S BELOW ST. MARY'S
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 43.0)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	8.25000	11.6673	16.5000	.000000	78/02	78/06
CNDUCTVY	AT 25C	MICROMHO	2	845.000	35.3553	870.000	820.000	78/02	78/06
DO		MG/L	2	6.45000	1.20208	7.30000	5.60000	78/02	78/06
COD	LOWLEVEL	MG/L	2	23.0000	1.41421	24.0000	22.0000	78/02	78/06
LAB	PH	SU	2	7.55000	.212128	7.70000	7.40000	78/02	78/06
RESIDUE	TOT NFLT	MG/L	2	39.5000	9.19239	46.0000	33.0000	78/02	78/06
NH3+NH4-	N TOTAL	MG/L	2	1.07500	.304056	1.29000	.860000	78/02	78/06
NO2-N	TOTAL	MG/L	2	.120000	.098995	.190000	.050000	78/02	78/06
NO3-N	TOTAL	MG/L	2	4.30000	.721251	4.81000	3.79000	78/02	78/06
TOT KJEL	N	MG/L	2	2.85000	.212164	3.00000	2.70000	78/02	78/06
PHOS-TOT		MG/L P	2	1.22000	.593970	1.64000	.800000	78/02	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/02	78/06
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/02	78/06
IRON	FE,TOT	UG/L	1	1170.00		1170.00	1170.00	78/02	78/02
LEAD	PB,TOT	UG/L	1	6.00000		6.00000	6.00000	78/06	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/02	78/06
ZINC	ZN,TOT	UG/L	2	50.0000	.000000	50.0000	50.0000	78/02	78/06
FEC COLI	MFM-FCBR	/100ML	2	1225.00	742.462	1750.00	700.000	78/02	78/06

TABLE RD 1-168

STATION NUMBER 510020
40 34 56.0 084 23 32.0 2
ST. MARY'S BELOW ST. MARY'S
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 43.0)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	11.6250	10.2337	21.7000	.800000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	4	794.250	142.475	935.000	600.000	78/09	79/06
DO		MG/L	3	6.63333	2.91948	10.0000	4.80000	78/09	79/06
BOD	5 DAY	MG/L	4	4.65000	2.28692	7.90000	3.00000	78/09	79/06
COD	LOWLEVEL	MG/L	1	21.7000		21.7000	21.7000	79/06	79/06
LAB	PH	SU	4	7.77499	.171119	8.00000	7.60000	78/09	79/06
RESIDUE	DISS-105	C MG/L	1	574.000		574.000	574.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	4	31.7500	23.1283	60.0000	10.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	4	.730000	.426693	1.23000	.370000	78/09	79/06
NO2-N	TOTAL	MG/L	4	.105000	.051962	.170000	.050000	78/09	79/06
NO3-N	TOTAL	MG/L	4	3.51000	2.59007	7.17000	1.38000	78/09	79/06
TOT KJEL	N	MG/L	4	2.05000	1.00830	3.40000	1.00000	78/09	79/06
PHOS-TOT		MG/L P	4	2.21000	1.63248	4.20000	.390000	78/09	79/06
TOT HARD	CACO3	MG/L	4	313.250	84.4250	390.000	196.000	78/09	79/06
ARSENIC	AS,TOT	UG/L	2	12.0000	2.82843	14.0000	10.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	1580.00		1580.00	1580.00	79/06	79/06
LEAD	PB,TOT	UG/L	4	7.50000	2.51661	11.0000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/12	79/06
ZINC	ZN,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	3	2226.67	2011.00	4200.00	180.000	78/09	79/06
FECSTREP	MF M-ENT	/100ML	2	765.000	459.619	1090.00	440.000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-169

STATION NUMBER 510170
40 44 58.0 084 47 25.0 2
ST. MARYS R. AT WILLSHIRE
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 1.3)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	22.5000	4.72870	26.9000	17.5000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	781.000	152.000	949.000	653.000	77/07	77/09
DO		MG/L	3	6.30000	.608347	7.00000	5.90000	77/07	77/09
COD	LOWLEVEL	MG/L	3	47.0000	7.81025	52.0000	38.0000	77/07	77/09
LAB	PH	SU	3	7.73333	.058398	7.80000	7.70000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	537.000	111.692	627.000	412.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	117.000	15.7162	135.000	106.000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.173333	.162890	.360000	.060000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.016667	.005773	.020000	.010000	77/07	77/09
NO3-N	TOTAL	MG/L	3	.240000	.062450	.310000	.190000	77/07	77/09
TOT KJEL	N	MG/L	3	2.10000	.346413	2.50000	1.90000	77/07	77/09
PHOS-TOT		MG/L P	3	.716666	.364737	1.13000	.440000	77/07	77/09
T ORG C	C	MG/L	3	20.3333	5.50761	24.0000	14.0000	77/07	77/09
TOT HARD	CACO3	MG/L	1	275.000		275.000	275.000	77/08	77/08
CHLORIDE	CL	MG/L	3	66.3333	15.9479	84.0000	53.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	1	6.00000		6.00000	6.00000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	2	1865.00	615.183	2300.00	1430.00	77/07	77/08
FECSTREP	MF M-ENT	/100ML	2	720.000	410.122	1010.00	430.000	77/07	77/08

TABLE RD 1-170

STATION NUMBER 510170
40 44 58.0 084 47 25.0 2
ST. MARYS R. AT WILLSHIRE
LAKE ERIE (MAUMEE RIVER)
(RIVER MILE 1.3)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	22.1000		22.1000	22.1000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	770.000		770.000	770.000	78/08	78/08
DO		MG/L	1	6.20000		6.20000	6.20000	78/08	78/08
COD	LOWLEVEL	MG/L	1	40.0000		40.0000	40.0000	78/08	78/08
LAB	PH	SU	1	7.90000		7.90000	7.90000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	124.000		124.000	124.000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.070000		.070000	.070000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/08	78/08
NO3-N	TOTAL	MG/L	1	.210000		.210000	.210000	78/08	78/08
TOT KJEL	N	MG/L	1	2.30000		2.30000	2.30000	78/08	78/08
PHOS-TOT		MG/L P	1	.790000		.790000	.790000	78/08	78/08
TOT HARD	CACO3	MG/L	1	304.000		304.000	304.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	4800.00		4800.00	4800.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	8.00000		8.00000	8.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	40.0000		40.0000	40.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	1000.00		1000.00	1000.00	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-171

STATION NUMBER 500160
41 17 25.0 084 23 08.0 2
TIFFIN R. AB DEFIANCE
LAKE ERIE (MAUMEE RIVER)
MILES 0065.50 0000.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	22.2500	8.41461	28.2000	16.3000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	599.666	126.984	742.000	498.000	77/07	77/09
DO		MG/L	2	7.95000	1.90919	9.30000	6.60000	77/07	77/09
BOD	5 DAY	MG/L	3	8.53332	3.78992	12.9000	6.10000	77/07	77/09
COD	LOWLEVEL	MG/L	3	37.3333	7.02381	44.0000	30.0000	77/07	77/09
LAB	PH	SU	3	7.83333	.321620	8.20000	7.60000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	382.666	70.3245	462.000	328.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	96.3333	56.8537	158.000	46.0000	77/07	77/09
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/08	77/08
NH3+NH4-	N TOTAL	MG/L	3	.193333	.075055	.270000	.120000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.046667	.020817	.070000	.030000	77/07	77/09
NO3-N	TOTAL	MG/L	3	1.35000	.381575	1.59000	.910000	77/07	77/09
TOT KJEL	N	MG/L	3	2.13333	.750557	2.90000	1.40000	77/07	77/09
PHOS-TOT		MG/L P	3	.436666	.240278	.670000	.190000	77/07	77/09
PHOS-DIS		MG/L P	1	.140000		.140000	.140000	77/09	77/09
T ORG C	C	MG/L	3	21.6667	5.68631	28.0000	17.0000	77/07	77/09
TOT HARD	CACO3	MG/L	3	252.000	66.5657	326.000	197.000	77/07	77/09
CHLORIDE	CL	MG/L	3	37.6667	10.6928	50.0000	31.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	3	63.6667	18.5023	82.0000	45.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	77/07	77/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	77/09
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	77/09
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	77/09
LEAD	PB,TOT	UG/L	2	7.50000	.707107	8.00000	7.00000	77/07	77/08
ZINC	ZN,TOT	UG/L	3	40.0000	10.0000	50.0000	30.0000	77/07	77/09
FEC COLI	MFM-FCBR	/100ML	3	1186.67	467.583	1680.00	750.000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	2	2165.00	2877.92	4200.00	130.000	77/07	77/08
MBAS		MG/L	1	.150000		.150000	.150000	77/08	77/08
PCBS	WHL SMPL	UG/L	2	.500000	.000000	.500000	.500000	77/08	77/09
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	77/07	77/09

TABLE RD 1-172

STATION NUMBER 500160
41 17 25.0 084 23 08.0 2
TIFFIN R. AB DEFIANCE
LAKE ERIE (MAUMEE RIVER)
MILES 0065.50 0000.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	21.1000		21.1000	21.1000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	750.000		750.000	750.000	78/08	78/08
DO		MG/L	1	7.30000		7.30000	7.30000	78/08	78/08
COD	LOWLEVEL	MG/L	1	22.0000		22.0000	22.0000	78/08	78/08
LAB	PH	SU	1	8.20000		8.20000	8.20000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	54.0000		54.0000	54.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
NO2-N	.TOTAL	MG/L	1	.010000		.010000	.010000	78/08	78/08
NO3-N	TOTAL	MG/L	1	.590000		.590000	.590000	78/08	78/08
TOT KJEL	N	MG/L	1	1.40000		1.40000	1.40000	78/08	78/08
PHOS-TOT		MG/L P	1	.490000		.490000	.490000	78/08	78/08
TOT HARD	CACO3	MG/L	1	344.000		344.000	344.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1970.00		1970.00	1970.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	490.000		490.000	490.000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-173

STATION NUMBER 600440
39 21 43.0 084 29 47.0 2
MILL CREEK NEAR HAMILTON
OHIO RIVER (MILL CREEK)
MILES 0953.80 0508.50 024.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	8	11.5000	8.08879	23.0000	1.00000	77/09	78/06
TURB	JKSN	JTU	3	42.3333	58.9604	110.000	2.00000	77/09	77/12
CNDUCTVY	AT 25C	MICROMHO	7	601.286	56.7641	680.000	500.000	77/09	78/06
DO		MG/L	4	10.9750	1.01454	12.3000	10.0000	77/09	77/12
BOD	5 DAY	MG/L	2	6.85000	5.44472	10.7000	3.00000	77/09	77/10
COD	LOWLEVEL	MG/L	8	12.3875	12.3045	40.0000	4.00000	77/09	78/06
PH		SU	2	8.30000	1.69710	9.50000	7.10000	77/09	77/10
LAB	PH	SU	6	7.71666	.194153	7.90000	7.40000	77/11	78/06
T ALK	CACO3	MG/L	1	176.000		176.000	176.000	77/09	77/09
T ACDITY	CACO3	MG/L	1	8.00000		8.00000	8.00000	77/09	77/09
RESIDUE	TOTAL	MG/L	2	775.000	332.340	1010.00	540.000	77/09	77/11
RESIDUE	TOT NFLT	MG/L	7	129.286	273.234	747.000	7.00000	77/09	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	8	.502500	.818810	2.48000	.050000	77/09	78/06
NO3-N	TOTAL	MG/L	8	1.63625	1.48653	4.52000	.050000	77/09	78/06
TOT KJEL	N	MG/L	7	.949999	.968246	2.80000	.050000	77/10	78/06
PHOS-TOT		MG/L P	8	1.26875	1.04648	3.29000	.280000	77/09	78/06
T ORG C	C	MG/L	4	10.7500	9.42956	22.0000	2.00000	77/09	77/12
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	77/09	78/06
TOT HARD	CACO3	MG/L	4	273.000	39.8246	326.000	239.000	77/09	78/06
CALCIUM	CA-TOT	MG/L	1	70.0000		70.0000	70.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	28.0000		28.0000	28.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	41.0000		41.0000	41.0000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	9.50000		9.50000	9.50000	77/09	77/09
CHLORIDE	CL	MG/L	1	51.0000		51.0000	51.0000	77/09	77/09
FLUORIDE	F,DISS	MG/L	4	.282500	.077622	.380000	.220000	77/09	78/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/09	78/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/09	78/06
COPPER	CU,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	77/09	78/06
IRON	FE,TOT	UG/L	1	3500.00		3500.00	3500.00	78/06	78/06
LEAD	PB,TOT	UG/L	4	18.0000	13.6382	33.0000	5.00000	77/09	78/06
MANGNESE	MN	UG/L	2	320.000	353.553	570.000	70.0000	77/09	77/12
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	77/09	78/06
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
ZINC	ZN,TOT	UG/L	4	67.5000	75.0000	180.000	30.0000	77/09	78/06
ALUMINUM	AL,TOT	UG/L	1	5000.00		5000.00	5000.00	77/09	77/09
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	8	3278.75	3093.53	10000.0	530.000	77/09	78/06
FECSTREP	MF M-ENT	/100ML	3	4433.33	3955.17	9000.00	2100.00	77/09	77/12
PHENOLS	TOTAL	UG/L	5	10.6000	17.0235	41.0000	2.00000	77/09	78/06
MBAS		MG/L	3	.106667	.005773	.110000	.100000	77/09	77/12
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-174

STATION NUMBER 600440
39 21 43.0 084 29 47.0 2
MILL CREEK NEAR HAMILTON
OHIO RIVER (MILL CREEK)
MILES 0953.80 0508.50 024.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	12.9167	9.89682	27.0000	.000000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	1	800.000		800.000	800.000	78/09	78/09
CNDUCTVY	AT 25C	MICROMHO	11	687.545	183.213	850.000	245.000	78/07	79/06
DO		MG/L	12	10.2667	2.32080	13.0000	6.30000	78/07	79/06
COD	LOWLEVEL	MG/L	12	20.3833	22.4779	81.6000	4.00000	78/07	79/06
PH		SU	4	7.62500	.478713	8.00000	7.00000	78/07	79/06
LAB	PH	SU	9	7.84444	.316720	8.40000	7.30000	78/07	79/05
RESIDUE	TOT NFLT	MG/L	11	197.636	500.617	1700.00	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.200833	.187929	.770000	.050000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.86416	1.22613	4.90000	.710000	78/07	79/06
TOT KJEL	N	MG/L	12	1.45000	1.72706	6.00000	.400000	78/07	79/06
PHOS-TOT		MG/L P	12	1.04750	.828611	2.87000	.190000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.010000	.000000	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	350.000	26.2678	384.000	326.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.322500	.072284	.390000	.260000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	3	1836.67	2220.37	4400.00	510.000	78/09	79/03
LEAD	PB,TOT	UG/L	4	14.2500	10.5317	28.0000	6.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	12	21237.7	66039.3	230000	20.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	7.25000	7.36546	18.0000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-175

STATION NUMBER 600410
39 12 07.0 084 26 16.0 2
MILL CREEK AT CARTHAGE
OHIO RIVER (MILL CREEK)
MILES 0953.80 0508.50 011.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	20.0000	6.37704	25.0000	11.0000	77/07	77/10
STREAM	FLOW	CFS	4	129.250	221.849	462.000	16.0000	77/07	77/10
TURB	JKSN	JTU	3	61.4000	94.1312	170.000	3.20000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	583.000	150.522	735.000	434.000	77/07	77/09
DO		MG/L	4	4.65000	1.88415	6.30000	2.60000	77/07	77/10
BOD	5 DAY	MG/L	3	7.46666	3.71664	11.6000	4.40000	77/07	77/09
COD	LOWLEVEL	MG/L	4	40.2500	19.0853	58.0000	20.0000	77/07	77/10
PH		SU	3	7.86666	.116010	8.00000	7.80000	77/07	77/10
LAB	PH	SU	1	7.40000		7.40000	7.40000	77/08	77/08
T ALK	CACO3	MG/L	3	197.667	113.059	324.000	106.000	77/07	77/09
T ACDITY	CACO3	MG/L	3	7.66667	.577412	8.00000	7.00000	77/07	77/09
RESIDUE	TOTAL	MG/L	3	501.666	93.8221	610.000	447.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	127.000	191.502	348.000	10.0000	77/07	77/09
OIL-GRSE	TOT-SXLT	MG/L	1	14.0000		14.0000	14.0000	77/09	77/09
NH3+NH4-	N TOTAL	MG/L	4	.785000	.894781	2.10000	.100000	77/07	77/10
NO3-N	TOTAL	MG/L	4	.475000	.365559	.920000	.050000	77/07	77/10
TOT KJEL	N	MG/L	4	1.57500	.987844	2.80000	.400000	77/07	77/10
PHOS-TOT		MG/L P	4	1.28750	.916092	2.48000	.250000	77/07	77/10
T ORG C	C	MG/L	4	18.7500	7.71902	28.0000	11.0000	77/07	77/10
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	77/09	77/09
TOT HARD	CACO3	MG/L	3	225.333	64.9336	271.000	151.000	77/07	77/09
CALCIUM	CA-TOT	MG/L	1	68.0000		68.0000	68.0000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	27.0000		27.0000	27.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	41.0000		41.0000	41.0000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	4.10000		4.10000	4.10000	77/09	77/09
CHLORIDE	CL	MG/L	1	59.0000		59.0000	59.0000	77/09	77/09
SULFATE	SO4-TOT	MG/L	1	101.000		101.000	101.000	77/09	77/09
FLUORIDE	F,DISS	MG/L	1	.250000		.250000	.250000	77/09	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
LEAD	PB,TOT	UG/L	1	27.0000		27.0000	27.0000	77/09	77/09
MANGNESE	MN	UG/L	1	80.0000		80.0000	80.0000	77/09	77/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	77/09	77/09
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/09	77/09
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	3	144100	123715	230000	2300.00	77/07	77/09
FECSTREP	MF M-ENT	/100ML	1	20000.0		20000.0	20000.0	77/09	77/09
PHENOLS	TOTAL	UG/L	1	8.00000		8.00000	8.00000	77/09	77/09
MBAS		MG/L	2	.185000	.063640	.230000	.140000	77/08	77/09

TABLE RD 1-176

STATION NUMBER 600410
39 12 07.0 084 26 16.0 2
MILL CREEK AT CARTHAGE
OHIO RIVER (MILL CREEK)
MILES 0953.80 0508.50 011.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	9.33333	8.03119	25.0000	.000000	78/10	79/06
STREAM	FLOW	CFS	9	1020.14	773.962	1871.00	24.0000	78/10	79/06
CNDUCTVY	AT 25C	MICROMHO	9	751.333	373.622	1650.00	411.000	78/10	79/06
DO		MG/L	9	10.8889	1.97452	13.3000	8.40000	78/10	79/06
COD	LOWLEVEL	MG/L	9	17.7778	13.5994	49.0000	4.00000	78/10	79/06
PH		SU	3	8.06667	.115581	8.20000	8.00000	78/11	79/06
LAB	PH	SU	6	7.93333	.175251	8.20000	7.70000	78/10	79/05
RESIDUE	TOT NFLT	MG/L	9	69.7778	122.040	386.000	10.0000	78/10	79/06
NH3+NH4-	N TOTAL	MG/L	9	.478888	.432765	1.25000	.140000	78/10	79/06
NO3-N	TOTAL	MG/L	9	1.38333	.441590	2.15000	.750000	78/10	79/06
TOT KJEL	N	MG/L	9	1.27778	.569602	2.20000	.500000	78/10	79/06
PHOS-TOT		MG/L P	9	.387777	.159200	.630000	.110000	78/10	79/06
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	78/12	79/06
TOT HARD	CACO3	MG/L	3	253.000	90.3161	326.000	152.000	78/12	79/06
FLUORIDE	F,DISS	MG/L	3	.286667	.070238	.360000	.220000	78/12	79/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/12	79/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/12	79/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/12	79/06
IRON	FE,TOT	UG/L	2	3960.00	3167.84	6200.00	1720.00	78/12	79/03
LEAD	PB,TOT	UG/L	3	15.0000	9.16515	23.0000	5.00000	78/12	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/12	79/06
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/12	79/06
FEC COLI	MFM-FCBR	/100ML	8	1338.62	2349.48	6800.00	28.0000	78/10	79/06
PHENOLS	TOTAL	UG/L	3	14.3333	2.30944	17.0000	13.0000	78/12	79/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/12	79/06

TABLE RD 1-177

STATION NUMBER 600430
39 06 10.0 084 32 00.0 2
MILL CREEK AT CINCINNATI
OHIO RIVER (MILL CREEK)
MILES 0953.80 0508.50 000.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	14.2727	8.85541	28.0000	2.00000	77/07	78/06
TURB	JKSN	JTU	5	72.6799	117.094	280.000	5.30000	77/07	77/12
CNDUCTVY	FIELD	MICROMHO	1	276.000		276.000	276.000	77/09	77/09
CNDUCTVY	AT 25C	MICROMHO	10	815.600	259.203	1232.00	486.000	77/07	78/06
DO		MG/L	7	5.15714	3.89866	10.0000	.000000	77/07	78/02
BOD	5 DAY	MG/L	3	13.8333	8.18189	22.6000	6.40000	77/07	77/09
COD	LOWLEVEL	MG/L	11	71.4727	50.7708	189.000	18.0000	77/07	78/06
PH		SU	3	8.20000	1.44224	9.80000	7.00000	77/07	77/10
LAB	PH	SU	7	7.37142	.304052	7.90000	7.00000	77/08	78/06
T ALK	CACO3	MG/L	3	237.333	120.952	328.000	100.000	77/07	77/09
T ACDITY	CACO3	MG/L	3	15.0000	6.24500	20.0000	8.00000	77/07	77/09
RESIDUE	TOTAL	MG/L	4	593.750	144.043	746.000	426.000	77/07	77/12
RESIDUE	TOT NFLT	MG/L	10	102.800	140.626	456.000	10.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	2	5.00000	.000000	5.00000	5.00000	77/09	77/12
NH3+NH4-	N TOTAL	MG/L	10	2.87500	1.94767	5.86000	.200000	77/07	78/06
NO3-N	TOTAL	MG/L	10	1.01400	.737432	2.26000	.050000	77/07	78/06
TOT KJEL	N	MG/L	10	7.01000	5.94202	22.1000	1.70000	77/07	78/06
PHOS-TOT		MG/L P	10	2.55700	1.35114	4.50000	.630000	77/07	78/06
T ORG C	C	MG/L	6	16.8333	6.58535	26.0000	10.0000	77/07	77/12
CYANIDE	CN-TOT	MG/L	5	.020000	.014142	.040000	.010000	77/07	78/06
TOT HARD	CACO3	MG/L	6	214.500	97.9219	407.000	137.000	77/07	78/06
CALCIUM	CA-TOT	MG/L	1	105.000		105.000	105.000	77/09	77/09
MGNSIUM	MG,TOT	MG/L	1	36.0000		36.0000	36.0000	77/09	77/09
SODIUM	NA,TOT	MG/L	1	86.0000		86.0000	86.0000	77/09	77/09
PTSSIUM	K,TOT	MG/L	1	7.60000		7.60000	7.60000	77/09	77/09
CHLORIDE	CL	MG/L	2	96.5000	21.9203	112.000	81.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	2	130.000	11.3137	138.000	122.000	77/07	77/09
FLUORIDE	F,DISS	MG/L	4	.277500	.062383	.360000	.210000	77/09	78/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/09	77/09
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/09	77/09
CADMIUM	CD,TOT	UG/L	4	6.25000	2.50000	10.0000	5.00000	77/09	78/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
CHROMIUM	CR,TOT	UG/L	4	97.5000	76.7572	210.000	40.0000	77/09	78/06
COPPER	CU,TOT	UG/L	4	60.0000	60.0000	150.000	30.0000	77/09	78/06
IRON	FE,TOT	UG/L	1	8400.00		8400.00	8400.00	78/06	78/06
LEAD	PB,TOT	UG/L	4	50.0000	29.4392	90.0000	20.0000	77/09	78/06
MANGNESE	MN	UG/L	2	220.000	155.563	330.000	110.000	77/09	77/12
NICKEL	NI,TOTAL	UG/L	4	125.000	50.0000	200.000	100.000	77/09	78/06
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/09	77/12
ZINC	ZN,TOT	UG/L	4	147.500	196.193	440.000	30.0000	77/09	78/06
ALUMINUM	AL,TOT	UG/L	1	500.000		500.000	500.000	77/09	77/09
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/09	77/09
FEC COLI	MFM-FCBR	/100ML	8	383785	418837	1000000	280.000	77/08	78/06
FECSTREP	MF M-ENT	/100ML	3	429667	582306	1100000	49000.0	77/09	77/12
PHENOLS	TOTAL	UG/L	6	74.5000	59.3422	174.000	8.00000	77/07	78/06
MBAS		MG/L	5	.524000	.387917	1.21000	.290000	77/07	77/12
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-178

STATION NUMBER 600430
39 06 10.0 084 32 00.0 2
MILL CREEK AT CINCINNATI
OHIO RIVER (MILL CREEK)
MILES 0953.80 0508.50 000.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	15.3333	7.96108	26.0000	4.00000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	1	1100.00		1100.00	1100.00	78/09	78/09
CNDUCTVY	AT 25C	MICROMHO	11	929.454	371.482	1760.00	514.000	78/07	79/06
DO		MG/L	12	2.87500	2.75058	9.20000	.400000	78/07	79/06
COD	LOWLEVEL	MG/L	12	98.2833	88.1700	349.000	22.4000	78/07	79/06
PH		SU	4	7.47500	.442557	7.90000	7.00000	78/07	79/06
LAB	PH	SU	9	7.18888	.214808	7.60000	6.90000	78/07	79/05
RESIDUE	TOT NFLT	MG/L	11	72.5454	53.1909	168.000	11.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	4.42666	2.63764	9.06000	.860000	78/07	79/06
NO3-N	TOTAL	MG/L	12	.799166	.685412	2.10000	.050000	78/07	79/06
TOT KJEL	N	MG/L	12	9.78333	7.63173	28.3000	1.80000	78/07	79/06
PHOS-TOT		MG/L P	12	2.45333	2.12355	7.15000	.570000	78/07	79/06
CYANIDE	CN-TOT	MG/L	4	.087500	.101448	.230000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	280.500	72.1688	352.000	185.000	78/09	79/06
FLUORIDE	F,DISS	MG/L	4	.425000	.096783	.530000	.300000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	6.25000	2.50000	10.0000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	115.000	43.5890	170.000	80.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	52.5000	17.0782	70.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	3	2370.00	2451.10	5200.00	920.000	78/09	79/03
LEAD	PB,TOT	UG/L	3	92.0000	18.3303	112.000	76.0000	78/09	79/03
NICKEL	NI,TOTAL	UG/L	4	150.000	57.7350	200.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	115.000	30.0000	140.000	80.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	8	28921.0	55496.9	145000	30.0000	78/07	79/05
PHENOLS	TOTAL	UG/L	4	99.5000	102.132	209.000	11.0000	78/09	79/06
MBAS		MG/L	1	1.38000		1.38000	1.38000	78/12	78/12
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-179

STATION NUMBER 611740
40 14 02.0 081 52 16.0 2
MUSKINGUM R BL COSHOCTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 107.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	14.6667	9.20598	26.0000	.000000	77/07	78/06
STREAM	FLOW	CFS	11	6418.54	5862.83	18600.0	1210.00	77/07	78/06
TURB	JKSN	JTU	3	25.0000	11.1355	37.0000	15.0000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	2	645.000	63.6396	690.000	600.000	77/08	77/10
CNDUCTVY	AT 25C	MICROMHO	9	681.000	210.260	970.000	352.000	77/07	78/06
DO		MG/L	8	9.67500	2.44993	13.2000	6.20000	77/07	78/05
BOD	5 DAY	MG/L	6	3.08333	1.31670	5.40000	1.50000	77/07	78/03
COD	LOWLEVEL	MG/L	11	15.4545	8.82456	30.0000	.000000	77/07	78/06
PH		SU	4	7.32500	.340404	7.60000	6.90000	77/07	78/06
LAB	PH	SU	8	7.41499	.305388	7.80000	7.00000	77/07	78/04
T ALK	CACO3	MG/L	2	129.500	4.94975	133.000	126.000	77/07	77/09
T ACDITY	CACO3	MG/L	1	3.00000		3.00000	3.00000	77/07	77/07
RESIDUE	TOTAL	MG/L	5	522.200	149.800	679.000	350.000	77/07	78/03
RESIDUE	DISS-105	C MG/L	4	494.750	120.375	612.000	386.000	77/07	78/03
RESIDUE	TOT NFLT	MG/L	11	46.9091	43.3600	161.000	13.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/07	77/07
NH3+NH4-	N TOTAL	MG/L	10	.210000	.208060	.750000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	11	.027273	.012721	.050000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	11	1.52454	.531648	2.62000	.630000	77/07	78/06
TOT KJEL	N	MG/L	11	.827272	.319659	1.30000	.400000	77/07	78/06
PHOS-TOT		MG/L P	11	.305454	.242996	.790000	.050000	77/07	78/06
T ORG C	C	MG/L	3	11.3333	4.93290	17.0000	8.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	2	260.000	42.4264	290.000	230.000	77/07	78/05
CALCIUM	CA-TOT	MG/L	1	86.0000		86.0000	86.0000	77/07	77/07
MGNSIUM	MG,TOT	MG/L	1	22.0000		22.0000	22.0000	77/07	77/07
SODIUM	NA,TOT	MG/L	1	26.0000		26.0000	26.0000	77/07	77/07
PTSSIUM	K,TOT	MG/L	1	5.50000		5.50000	5.50000	77/07	77/07
CHLORIDE	CL	MG/L	11	76.5454	34.2531	127.000	34.0000	77/07	78/06
SULFATE	SO4-TOT	MG/L	2	144.500	20.5061	159.000	130.000	77/07	77/09

TABLE RD 1-179 (Continued)

STATION NUMBER 611740
40 14 02.0 081 52 16.0 2
MUSKINGUM R BL COSHOCTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 107.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/07	77/07
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/07	77/07
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	78/05
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	78/05
COPPER	CU,TOT	UG/L	3	43.3333	23.0941	70.0000	30.0000	77/07	78/05
IRON	FE,TOT	UG/L	3	3150.00	2606.17	6100.00	1160.00	77/07	78/05
LEAD	PB,TOT	UG/L	3	11.3333	8.50491	21.0000	5.00000	77/07	78/05
MANGNESE	MN	UG/L	3	593.333	280.060	760.000	270.000	77/07	78/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/05
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
ZINC	ZN,TOT	UG/L	3	46.6667	28.8675	80.0000	30.0000	77/07	78/05
ALUMINUM	AL,TOT	UG/L	1	400.000		400.000	400.000	78/03	78/03
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
FEC COLI	MFM-FCBR	/100ML	9	3544.44	3601.43	12000.0	.000000	77/07	78/05
FECSTREP	MF M-ENT	/100ML	3	686.666	500.534	1200.00	200.000	77/07	77/09
PHENOLS	TOTAL	UG/L	11	7.27273	4.96167	18.0000	2.00000	77/07	78/06
MBAS		MG/L	3	.126667	.023094	.140000	.100000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/07	78/05

TABLE RD 1-180

STATION NUMBER 611740
40 14 02.0 081 52 16.0 2
MUSKINGUM R BL COSHOCTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 107.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	12.0909	9.29736	23.5000	.000000	78/07	79/06
STREAM	FLOW	CFS	11	8246.27	6745.41	19300.0	1050.00	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	5	695.000	204.817	900.000	430.000	78/08	79/05
CNDUCTVY	AT 25C	MICROMHO	8	738.625	222.657	933.000	350.000	78/07	79/06
DO		MG/L	11	8.96363	1.79961	11.8000	6.20000	78/07	79/06
BOD	5 DAY	MG/L	2	4.25000	3.88909	7.00000	1.50000	78/11	79/02
COD	LOWLEVEL	MG/L	11	13.3636	7.36577	29.0000	4.00000	78/08	79/06
PH		SU	10	7.60999	.448340	8.10000	6.80000	78/07	79/06
LAB	PH	SU	2	7.59000	.579838	8.00000	7.18000	78/11	78/12
T ALK	CACO3	MG/L	4	111.000	40.3567	137.000	51.0000	78/11	79/06
RESIDUE	TOTAL	MG/L	3	520.000	63.0238	582.000	456.000	78/11	79/05
RESIDUE	DISS-105	C MG/L	3	464.333	49.9046	503.000	408.000	78/11	79/05
RESIDUE	TOT NFLT	MG/L	12	45.9167	58.0916	216.000	4.00000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.162500	.193397	.710000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.020000	.010000	.030000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.47583	.486110	2.14000	.490000	78/07	79/06
TOT KJEL	N	MG/L	12	.804166	.344079	1.40000	.050000	78/07	79/06
PHOS-TOT		MG/L P	12	.170833	.160140	.600000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	4	300.250	28.4532	326.000	260.000	78/08	79/05
CHLORIDE	CL	MG/L	9	61.3333	49.5682	153.000	9.00000	78/08	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	4	42.5000	15.0000	60.0000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	4	907.500	467.716	1360.00	350.000	78/08	79/05
LEAD	PB,TOT	UG/L	4	8.00000	2.94392	11.0000	5.00000	78/08	79/05
MANGNESE	MN	UG/L	4	352.500	213.756	630.000	120.000	78/08	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	4	50.0000	40.0000	110.000	30.0000	78/08	79/05
FEC COLI	MFM-FCBR	/100ML	10	2678.00	2030.53	7600.00	800.000	78/07	79/06
PHENOLS	TOTAL	UG/L	11	7.45454	4.56867	17.0000	2.00000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-181

STATION NUMBER 611750
40 07 14.0 082 00 00.0 2
MUSKINGUM R IN DRESDEN - SR 208
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 091.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	8	15.9375	10.7452	27.0000	.000000	77/07	78/06
STREAM	FLOW	CFS	9	7029.11	5872.93	19850.0	1459.00	77/07	78/06
TURB	JKSN	JTU	3	15.2667	6.60405	22.0000	8.80000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	3	866.666	115.473	1000.00	800.000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	5	606.600	116.481	763.000	463.000	77/07	78/06
DO		MG/L	7	9.22856	2.31137	13.9000	7.00000	77/07	78/06
BOD	5 DAY	MG/L	4	4.82500	2.26918	6.60000	1.60000	77/07	78/02
COD	LOWLEVEL	MG/L	8	21.1250	13.7575	42.0000	1.00000	77/07	78/06
PH		SU	7	7.67142	.381775	8.20000	7.20000	77/07	78/06
LAB	PH	SU	6	7.59666	.282894	8.08000	7.20000	77/07	78/04
T ALK	CACO3	MG/L	1	116.000		116.000	116.000	77/07	77/07
T ACDITY	CACO3	MG/L	1	8.00000		8.00000	8.00000	77/07	77/07
RESIDUE	TOTAL	MG/L	3	633.666	34.4964	671.000	603.000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	549.333	51.6766	609.000	519.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	8	51.1250	48.6516	163.000	10.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/07	77/07
NH3+NH4-	N TOTAL	MG/L	9	.214444	.218867	.740000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	9	.017778	.008333	.030000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	9	1.14000	.609303	1.82000	.110000	77/07	78/06
TOT KJEL	N	MG/L	9	1.01111	.760665	2.80000	.100000	77/07	78/06
PHOS-TOT		MG/L P	9	.347777	.229171	.760000	.050000	77/07	78/06
T ORG C	C	MG/L	3	12.0000	2.64575	14.0000	9.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	3	270.666	44.6035	304.000	220.000	77/07	78/05
CALCIUM	CA-TOT	MG/L	1	81.0000		81.0000	81.0000	77/07	77/07
MGNSIUM	MG,TOT	MG/L	1	21.0000		21.0000	21.0000	77/07	77/07
SODIUM	NA,TOT	MG/L	1	51.0000		51.0000	51.0000	77/07	77/07
PTSSIUM	K,TOT	MG/L	1	5.30000		5.30000	5.30000	77/07	77/07
CHLORIDE	CL	MG/L	6	78.5000	36.3854	134.000	40.0000	77/07	78/06
SULFATE	SO4-TOT	MG/L	2	150.000	2.82843	152.000	148.000	77/07	77/08

TABLE RD 1-181 (Continued)

STATION NUMBER 611750
40 07 14.0 082 00 00.0 2
MUSKINGUM R IN DRESDEN - SR 208
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 091.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/07	77/07
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	78/05
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	78/05
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	78/05
IRON	FE,TOT	UG/L	3	2956.67	1779.62	4500.00	1010.00	77/07	78/05
LEAD	PB,TOT	UG/L	3	13.0000	9.84886	24.0000	5.00000	77/07	78/05
MANGNESE	MN	UG/L	3	576.666	187.173	790.000	440.000	77/07	78/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/05
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
ZINC	ZN,TOT	UG/L	3	40.0000	17.3205	60.0000	30.0000	77/07	78/05
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	78/03	78/03
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
FEC COLI	MFM-FCBR	/100ML	9	1890.00	1317.59	4400.00	280.000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	3	4300.00	3740.32	8600.00	1800.00	77/07	77/09
PHENOLS	TOTAL	UG/L	9	4.88889	4.34294	11.0000	2.00000	77/07	78/06
MBAS		MG/L	3	.123333	.023094	.150000	.110000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/07	78/05

TABLE RD 1-182

STATION NUMBER 611750
40 07 14.0 082 00 00.0 2
MUSKINGUM R IN DRESDEN - SR 208
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 091.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	12.2083	9.33824	25.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	12	8870.41	8798.99	25630.0	1510.00	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	8	667.250	233.961	990.000	310.000	78/07	79/05
CNDUCTVY	AT 25C	MICROMHO	8	780.000	184.015	1020.00	435.000	78/08	79/06
DO		MG/L	11	9.09999	1.59563	11.8000	6.70000	78/07	79/06
BOD	5 DAY	MG/L	2	4.25000	3.88909	7.00000	1.50000	78/11	79/02
COD	LOWLEVEL	MG/L	12	19.5000	12.3987	44.0000	4.00000	78/07	79/06
PH		SU	12	7.61666	.361377	8.30000	7.20000	78/07	79/06
LAB	PH	SU	1	8.00000		8.00000	8.00000	78/11	78/11
T ALK	CACO3	MG/L	3	128.000	6.08276	132.000	121.000	78/11	79/06
RESIDUE	TOTAL	MG/L	3	626.333	177.501	804.000	449.000	78/11	79/05
RESIDUE	DISS-105	C MG/L	3	588.000	194.106	800.000	419.000	78/11	79/05
RESIDUE	TOT NFLT	MG/L	12	65.1667	88.9441	317.000	4.00000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.150000	.148447	.500000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.017500	.008660	.030000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.29583	.509088	1.83000	.270000	78/07	79/06
TOT KJEL	N	MG/L	11	.890909	.533769	2.00000	.100000	78/07	79/06
PHOS-TOT		MG/L P	11	.240000	.212603	.640000	.050000	78/07	79/06
PHOS-DIS		MG/L P	1	.050000		.050000	.050000	79/05	79/05
TOT HARD	CACO3	MG/L	4	296.250	26.0048	316.000	259.000	78/08	79/05
CHLORIDE	CL	MG/L	11	60.3636	47.0283	158.000	5.00000	78/07	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	4	1012.50	509.730	1560.00	380.000	78/08	79/05
LEAD	PB,TOT	UG/L	4	9.25000	2.62996	12.0000	7.00000	78/08	79/05
MANGNESE	MN	UG/L	4	370.000	198.830	660.000	210.000	78/08	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
FEC COLI	MFM-FCBR	/100ML	12	2766.67	4446.46	16000.0	160.000	78/07	79/06
PHENOLS	TOTAL	UG/L	11	3.90909	2.87940	11.0000	2.00000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-183

STATION NUMBER 601860
39 38 42.0 081 51 00.0 2
MUSKINGUM R. AT MCCONNELSVILLE
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 048.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	26.1667	.290221	26.5000	26.0000	77/07	77/09
STREAM	FLOW	CFS	1	1551.00		1551.00	1551.00	77/08	77/08
TURB	JKSN	JTU	3	14.3333	.577491	15.0000	14.0000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	3	756.666	128.973	900.000	650.000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	1	647.000		36.0000	23.0000	77/07	77/09
PH		SU	3	8.10000	.458423	8.60000	7.70000	77/07	77/09
LAB	PH	SU	3	7.74333	.350203	8.10000	7.40000	77/07	77/09
T ALK	CACO3	MG/L	1	107.000		107.000	107.000	77/07	77/07
T ACDITY	CACO3	MG/L	1	8.00000		8.00000	8.00000	77/07	77/07
RESIDUE	TOTAL	MG/L	3	542.000	51.6817	596.000	493.000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	477.333	73.6578	556.000	410.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	31.0000	1.00000	32.0000	30.0000	77/07	77/09
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/07	77/07
NH3+NH4-	N TOTAL	MG/L	3	.143333	.075719	.230000	.090000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.026667	.011547	.040000	.020000	77/07	77/09
NO3-N	TOTAL	MG/L	3	.599999	.508625	1.18000	.230000	77/07	77/09
TOT KJEL	N	MG/L	3	1.23333	.404148	1.70000	1.00000	77/07	77/09
PHOS-TOT		MG/L P	3	.203333	.066583	.260000	.130000	77/07	77/09
T ORG C	C	MG/L	3	9.33333	5.03324	14.0000	4.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	1	248.000		248.000	248.000	77/07	77/07
CALCIUM	CA-TOT	MG/L	1	67.0000		67.0000	67.0000	77/07	77/07
MGNSIUM	MG,TOT	MG/L	1	21.0000		21.0000	21.0000	77/07	77/07
SODIUM	NA,TOT	MG/L	1	35.0000		35.0000	35.0000	77/07	77/07
PTSSIUM	K,TOT	MG/L	1	4.70000		4.70000	4.70000	77/07	77/07
CHLORIDE	CL	MG/L	3	79.3333	23.1157	106.000	65.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	2	136.500	27.5772	156.000	117.000	77/07	77/08

TABLE RD 1-183 (Continued)

STATION NUMBER 601860
39 38 42.0 081 51 00.0 2
MUSKINGUM R. AT MCCONNELSVILLE
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 048.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/07	77/07
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/07	77/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
IRON	FE,TOT	UG/L	1	1280.00		1280.00	1280.00	77/07	77/07
LEAD	PB,TOT	UG/L	1	7.00000		7.00000	7.00000	77/07	77/07
MANGNESE	MN	UG/L	1	330.000		330.000	330.000	77/07	77/07
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
FEC COLI	MFM-FCBR	/100ML	3	1005.00	1554.68	2800.00	85.0000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	3	5774.66	9894.63	17200.0	62.0000	77/07	77/09
PHENOLS	TOTAL	UG/L	3	2.00000	.000000	2.00000	2.00000	77/07	77/09
MBAS		MG/L	3	.113333	.005773	.120000	.110000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	77/07	77/07

TABLE RD 1-184

STATION NUMBER 601860 (03150000)
39 38 42.0 081 51 00.0 2
MUSKINGUM R AT MCCONNELSVILLE OH
OHIO RIVER (MUSKINGUM RIVER)
(RIVER MILE 48.2)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	13	12.5385	10.0570	26.0000	.000000	77/07	78/06
TURB	JKSN	JTU	10	46.9000	59.6964	200.000	7.00000	77/07	78/06
CNDUCTVY	AT 25C	MICROMHO	12	618.083	197.489	959.999	360.000	77/07	78/06
DO		MG/L	12	10.0583	2.97703	14.0000	5.70000	77/07	78/06
COD	LOWLEVEL	MG/L	3	20.0000	.000000	20.0000	20.0000	78/04	78/06
PH		SU	12	7.65833	.227406	8.00000	7.30000	77/07	78/06
T ALK	CACO3	MG/L	10	84.8000	28.4794	140.000	37.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	9	.147778	.117875	.330000	.010000	77/10	78/06
TOT KJEL	N	MG/L	8	1.01625	.558415	2.30000	.600000	77/07	78/06
PHOS-TOT		MG/L P	12	.185833	.171171	.590000	.040000	77/07	78/06
PHOS-DIS		MG/L P	9	.013333	.012247	.040000	.000000	77/10	78/06
T ORG C	C	MG/L	7	8.44285	4.79440	15.0000	2.30000	77/07	78/06
TOT HARD	CACO3	MG/L	10	200.000	60.9189	330.000	110.000	77/07	78/06
CHLORIDE	CL	MG/L	10	54.3000	26.0685	100.000	30.0000	77/07	78/06
SULFATE	SO4-TOT	MG/L	10	101.800	31.9264	170.000	60.0000	77/07	78/06
FLUORIDE	F,DISS	MG/L	10	.160000	.069921	.300000	.100000	77/07	78/06
SILICA	DISOLVED	MG/L	10	6.90000	1.39285	9.20000	4.00000	77/07	78/06
ARSENIC	AS,TOT	UG/L	4	1.25000	.500000	2.00000	1.00000	77/07	78/05
BARIUM	BA,TOT	UG/L	3	66.6667	57.7350	100.000	.000000	77/11	78/05
CADMIUM	CD,TOT	UG/L	4	.750000	.957427	2.00000	.000000	77/07	78/05
CHROMIUM	CR,TOT	UG/L	4	20.0000	8.16497	30.0000	10.0000	77/07	78/05
COPPER	CU,TOT	UG/L	4	13.0000	5.47723	21.0000	9.00000	77/07	78/05
IRON	FE,TOT	UG/L	4	2725.00	1668.08	4300.00	1000.00	77/07	78/05
LEAD	PB,TOT	UG/L	4	17.0000	10.0333	31.0000	8.00000	77/07	78/05
MANGNESE	MN	UG/L	4	327.500	94.2956	440.000	240.000	77/07	78/05
SILVER	AG,TOT	UG/L	3	.000000	.000000	.000000	.000000	77/11	78/05
ZINC	ZN,TOT	UG/L	4	32.5000	25.0000	70.0000	20.0000	77/07	78/05
SELENIUM	SE,TOT	UG/L	4	.000000	.000000	.000000	.000000	77/07	78/05
PCBS	WHL SMPL	UG/L	3	.000000	.000000	.000000	.000000	77/11	78/05
MERCURY	HG,TOTAL	UG/L	4	.400000	.200000	.500000	.100000	77/07	78/05

TABLE RD 1-185

STATION NUMBER 601860 (03150000)
39 38 42.0 081 51 00.0 2
MUSKINGUM R AT MCCONNELSVILLE OH
OHIO RIVER (MUSKINGUM RIVER)
(RIVER MILE 48.2)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	12.8750	8.92168	25.0000	.500000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	12	619.666	203.540	941.000	346.000	78/07	79/06
DO		MG/L	12	10.0583	2.20845	13.1000	7.10000	78/07	79/06
COD	LOWLEVEL	MG/L	1	25.0000		25.0000	25.0000	78/07	78/07
PH		SU	12	7.70833	.352831	8.50000	7.10000	78/07	79/06
T ALK	CACO3	MG/L	12	89.7500	31.1481	140.000	43.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.131667	.088609	.310000	.030000	78/07	79/06
TOT KJEL	N	MG/L	12	4.13333	10.9854	39.0000	.430000	78/07	79/06
PHOS-TOT		MG/L P	12	.163333	.168918	.660001	.060000	78/07	79/06
PHOS-DIS		MG/L P	12	.019167	.013790	.050000	.010000	78/07	79/06
T ORG C	C	MG/L	8	5.62499	3.13221	13.0000	3.30000	78/08	79/06
TOT HARD	CACO3	MG/L	12	240.833	82.2920	370.000	120.000	78/07	79/06
CHLORIDE	CL	MG/L	12	56.4167	25.5360	110.000	28.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	12	126.417	39.6588	180.000	69.0000	78/07	79/06
FLUORIDE	F,DISS	MG/L	12	.216666	.093745	.400000	.100000	78/07	79/06
SILICA	DISOLVED	MG/L	12	6.30833	1.37411	8.20000	3.20000	78/07	79/06
ARSENIC	AS,TOT	UG/L	4	1.25000	.500000	2.00000	1.00000	78/07	79/04
BARIUM	BA,TOT	UG/L	4	75.0000	50.0000	100.000	.000000	78/07	79/04
CADMIUM	CD,TOT	UG/L	4	6.75000	6.07591	14.0000	.000000	78/07	79/04
CHROMIUM	CR,TOT	UG/L	4	20.0000	14.1422	40.0000	10.00000	78/07	79/04
COPPER	CU,TOT	UG/L	4	13.0000	5.83095	18.0000	7.00000	78/07	79/04
IRON	FE,TOT	UG/L	4	2137.50	2384.45	5700.00	650.000	78/07	79/04
LEAD	PB,TOT	UG/L	4	72.9999	38.9617	130.000	44.0000	78/07	79/04
MANGNESE	MN	UG/L	4	435.000	219.165	740.000	230.000	78/07	79/04
SILVER	AG,TOT	UG/L	4	.250000	.500000	1.00000	.000000	78/07	79/04
ZINC	ZN,TOT	UG/L	4	70.0000	52.2813	140.000	30.0000	78/07	79/04
SELENIUM	SE,TOT	UG/L	4	.000000	.000000	.000000	.000000	78/07	79/04
PCBS	WHL SMPL	UG/L	4	.000000	.000000	.000000	.000000	78/08	79/05
MERCURY	HG,TOTAL	UG/L	4	.550000	.100003	.700000	.500000	78/07	79/04

TABLE RD 1-186

STATION NUMBER 611810
40 56 47.0 081 44 35.0 2
CHIPPEWA CRK AT EASTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 098.90 006.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	9.33333	7.37113	15.0000	1.00000	77/10	78/05
CNDUCTVY	FIELD	MICROMHO	3	405.000	257.342	680.000	170.000	77/10	78/05
DO		MG/L	3	8.76666	2.67272	10.6000	5.70000	77/10	78/05
BOD	5 DAY	MG/L	1	8.30000		8.30000	8.30000	77/10	77/10
COD	LOWLEVEL	MG/L	3	43.0000	17.6918	62.0000	27.0000	77/10	78/05
PH		SU	2	6.80000	.141436	6.90000	6.70000	77/10	77/12
T ALK	CACO3	MG/L	2	108.500	86.9741	170.000	47.0000	77/10	77/12
T ACDITY	CACO3	MG/L	2	12.5000	9.19239	19.0000	6.00000	77/10	77/12
RESIDUE	TOTAL	MG/L	2	462.000	165.463	579.000	345.000	77/10	77/12
RESIDUE	DISS-105	C MG/L	3	294.333	186.854	510.000	181.000	77/10	78/05
RESIDUE	TOT NFLT	MG/L	3	224.333	218.852	472.000	57.0000	77/10	78/05
NH3+NH4-	N TOTAL	MG/L	3	1.11333	1.16629	2.41000	.150000	77/10	78/05
NO2-N	TOTAL	MG/L	1	.100000		.100000	.100000	78/05	78/05
NO3-N	TOTAL	MG/L	1	3.67000		3.67000	3.67000	78/05	78/05
PHOS-TOT		MG/L P	2	1.32500	.205064	1.47000	1.18000	77/12	78/05
T ORG C	C	MG/L	2	12.5000	2.12132	14.0000	11.0000	77/10	77/12
TOT HARD	CACO3	MG/L	3	166.667	76.0682	249.000	99.0000	77/10	78/05
CHLORIDE	CL	MG/L	3	57.3333	33.8576	96.0000	33.0000	77/10	78/05
FLUORIDE	F,DISS	MG/L	3	.243333	.097125	.350000	.160000	77/10	78/05
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/10	77/10
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/10	77/10
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/10	77/10
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/10	77/12
IRON	FE,TOT	UG/L	2	4780.00	2573.87	6600.00	2960.00	77/10	77/12
LEAD	PB,TOT	UG/L	2	10.0000	7.07107	15.0000	5.00000	77/10	77/12
MANGNESE	MN	UG/L	2	255.000	49.4975	290.000	220.000	77/10	77/12
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	77/10	77/12
ZINC	ZN,TOT	UG/L	2	85.0000	49.4975	120.000	50.0000	77/10	77/12
ALUMINUM	AL,TOT	UG/L	2	1800.00	848.528	2400.00	1200.00	77/10	77/12
FEC COLI	MFM-FCBR	/100ML	1	4900.00		4900.00	4900.00	77/10	77/10
FECSTREP	MF M-ENT	/100ML	1	5700.00		5700.00	5700.00	77/10	77/10
PHENOLS	TOTAL	UG/L	3	6.66667	7.23418	15.0000	2.00000	77/10	78/05
MBAS		MG/L	3	.156667	.040415	.200000	.120000	77/10	78/05

TABLE RD 1-187

STATION NUMBER 611810
40 56 47.0 081 44 35.0 2
CHIPPEWA CRK AT EASTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 098.90 006.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	24.2500	5.30330	28.0000	20.5000	78/08	79/06
STREAM	FLOW	CFS	1	20.0000		20.0000	20.0000	79/06	79/06
CNDUCTVY	FIELD	MICROMHO	2	1010.00	14.1421	1020.00	1000.00	78/08	79/06
DO		MG/L	2	6.55000	5.30330	10.3000	2.80000	78/08	79/06
COD	LOWLEVEL	MG/L	2	35.0000	1.41421	36.0000	34.0000	78/08	79/06
PH		SU	2	7.87500	.459628	8.20000	7.55000	78/08	79/06
RESIDUE	DISS-105	C MG/L	1	592.000		592.000	592.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	2	23.5000	9.19239	30.0000	17.0000	78/08	79/06
NH3+NH4-	N TOTAL	MG/L	2	3.10500	2.97692	5.21000	1.00000	78/08	79/06
NO2-N	TOTAL	MG/L	2	.520000	.466690	.850000	.190000	78/08	79/06
NO3-N	TOTAL	MG/L	2	1.07500	.855600	1.68000	.470000	78/08	79/06
TOT KJEL	N	MG/L	2	5.34500	2.89206	7.39000	3.30000	78/08	79/06
PHOS-TOT		MG/L P	2	1.36500	1.44957	2.39000	.340000	78/08	79/06
TOT HARD	CACO3	MG/L	1	275.000		275.000	275.000	78/08	78/08
CHLORIDE	CL	MG/L	1	127.000		127.000	127.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1470.00		1470.00	1470.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	35.0000		35.0000	35.0000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	2	26000.0	16970.6	38000.0	14000.0	78/08	79/06
FECSTREP	MF M-ENT	/100ML	2	3975.00	4985.10	7500.00	450.000	78/08	79/06
PHENOLS	TOTAL	UG/L	2	8.50000	.707107	9.00000	8.00000	78/08	79/06
MBAS		MG/L	1	.230000		.230000	.230000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-188

STATION NUMBER 611850
40 46 27.0 081 23 26.0 2
HURFORD RUN AT CANTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 070.50 007.90 012.00 00.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	11.0000	5.65685	15.0000	7.00000	78/01	78/04
CNDUCTVY	FIELD	MICROMHO	2	612.500	654.074	1075.00	150.000	78/01	78/04
CNDUCTVY	AT 25C	MICROMHO	1	1389.00		1389.00	1389.00	77/08	77/08
DO		MG/L	1	8.00000		8.00000	8.00000	78/04	78/04
BOD	5 DAY	MG/L	2	6.45000	.636395	6.90000	6.00000	77/08	78/04
COD	LOWLEVEL	MG/L	3	14.3333	2.08170	16.0000	12.0000	77/08	78/04
PH		SU	1	6.90000		6.90000	6.90000	78/01	78/01
LAB	PH	SU	1	8.00000		8.00000	8.00000	78/04	78/04
T ALK	CACO3	MG/L	1	177.000		177.000	177.000	77/08	77/08
T ACDITY	CACO3	MG/L	1	2.00000		2.00000	2.00000	77/08	77/08
RESIDUE	TOTAL.	MG/L	1	878.000		878.000	878.000	77/08	77/08
RESIDUE	DISS-105	C MG/L	3	772.333	30.8707	794.000	737.000	77/08	78/04
RESIDUE	TOT NFLT	MG/L	3	21.3333	4.04150	25.0000	17.0000	77/08	78/04
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	78/01	78/01
NH3+NH4-	N TOTAL	MG/L	3	3.35333	3.80864	7.60000	.240000	77/08	78/04
NO2-N	TOTAL	MG/L	2	.250000	.084852	.310000	.190000	78/01	78/04
NO3-N	TOTAL	MG/L	2	1.29500	.756607	1.83000	.760000	78/01	78/04
TOT KJEL	N	MG/L	2	7.15000	6.85894	12.0000	2.30000	78/01	78/04
PHOS-TOT		MG/L P	2	.270000	.311127	.490000	.050000	78/01	78/04
T ORG C	C	MG/L	2	5.50000	6.36396	10.0000	1.00000	77/08	78/01
CYANIDE	CN-TOT	MG/L	2	.060000	.042426	.090000	.030000	78/01	78/04
TOT HARD	CACO3	MG/L	2	382.000	69.2965	431.000	333.000	77/08	78/04
CHLORIDE	CL	MG/L	3	166.333	3.06186	169.000	163.000	77/08	78/04
SULFATE	SO4-TOT	MG/L	1	251.000		251.000	251.000	77/08	77/08
FLUORIDE	F,DISS	MG/L	3	1.08333	1.09038	2.25000	.090000	77/08	78/04
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/04	78/04
CHROMIUM	CR,TOT	UG/L	3	283.333	257.941	570.000	70.0000	77/08	78/04
COPPER	CU,TOT	UG/L	1	50.0000		50.0000	50.0000	78/04	78/04
IRON	FE,TOT	UG/L	3	3713.33	588.252	4350.00	3190.00	77/08	78/04
LEAD	PB,TOT	UG/L	3	45.3333	34.3851	85.0000	24.0000	77/08	78/04
MANGNESE	MN	UG/L	1	480.000		480.000	480.000	77/08	77/08
NICKEL	NI,TOTAL	UG/L	2	300.000	141.421	400.000	200.000	77/08	78/04
ZINC	ZN,TOT	UG/L	2	95.0000	21.2132	110.000	80.0000	77/08	78/04
FEC COLI	MFM-FCBR	/100ML	2	245.000	134.350	340.000	150.000	77/08	78/04
FECSTREP	MF M-ENT	/100ML	2	140.000	183.848	270.000	10.0000	77/08	78/04
PHENOLS	TOTAL	UG/L	3	15.3333	1.15477	16.0000	14.0000	77/08	78/04
MBAS		MG/L	3	.413333	.061103	.480000	.360000	77/08	78/04
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/04	78/04

TABLE RD 1-189

STATION NUMBER 611850
40 46 27.0 081 23 26.0 2
HURFORD RUN AT CANTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 070.50 007.90 012.00 00.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	14.6750	7.01587	24.5000	8.00000	78/07	79/05
CNDUCTVY	FIELD	MICROMHO	4	1153.75	257.233	1378.00	927.000	78/07	79/05
DO		MG/L	4	7.55000	1.86279	9.70000	5.20000	78/07	79/05
COD	LOWLEVEL	MG/L	4	15.5000	6.75771	23.0000	7.00000	78/07	79/05
PH		SU	4	7.67500	.531590	8.30000	7.00000	78/07	79/05
RESIDUE	DISS-105	C MG/L	3	913.000	30.5123	947.000	888.000	78/07	79/05
RESIDUE	TOT NFLT	MG/L	3	15.0000	8.66025	25.0000	10.0000	78/07	79/05
NH3+NH4-	N TOTAL	MG/L	4	2.98750	3.06798	7.52000	.840000	78/07	79/05
NO2-N	TOTAL	MG/L	4	.650000	.494301	1.32000	.130000	78/07	79/05
NO3-N	TOTAL	MG/L	4	1.79750	.801264	2.56000	1.00000	78/07	79/05
TOT KJEL	N	MG/L	4	3.87500	3.72861	9.40000	1.40000	78/07	79/05
PHOS-TOT		MG/L P	4	.132500	.122848	.310000	.050000	78/07	79/05
CYANIDE	CN-TOT	MG/L	3	.016667	.005773	.020000	.010000	78/11	79/05
TOT HARD	CACO3	MG/L	4	409.500	35.4260	456.000	379.000	78/07	79/05
CHLORIDE	CL	MG/L	3	199.333	41.4050	246.000	167.000	78/07	79/01
FLUORIDE	F,DISS	MG/L	3	2.24333	2.13556	4.70000	.830000	78/07	79/01
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/07	79/05
CHROMIUM	CR,TOT	UG/L	4	205.000	217.025	530.000	80.0000	78/07	79/05
COPPER	CU,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/07	79/05
IRON	FE,TOT	UG/L	3	4056.67	3951.54	8600.00	1420.00	78/07	79/01
LEAD	PB,TOT	UG/L	4	42.7500	28.0164	80.0000	12.0000	78/07	79/05
NICKEL	NI,TOTAL	UG/L	4	207.500	207.103	500.000	30.0000	78/07	79/05
ZINC	ZN,TOT	UG/L	4	50.0000	21.6025	80.0000	30.0000	78/07	79/05
FEC COLI	MFM-FCBR	/100ML	3	327.333	409.440	800.000	82.0000	78/11	79/05
FECSTREP	MF M-ENT	/100ML	3	1207.67	1985.25	3500.00	50.0000	78/11	79/05
PHENOLS	TOTAL	UG/L	4	8.75000	4.57347	12.0000	2.00000	78/07	79/05
MBAS		MG/L	3	.303333	.221435	.460000	.050000	78/07	79/05
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/07	79/05

TABLE RD 1-190

STATION NUMBER 611870
40 51 27.0 082 15 12.0 2
JEROME FK AT ASHLAND - C.R. 1320
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 023.30 013.90 10.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	15.0000	9.49841	22.1000	1.10000	78/08	79/06
CNDUCTVY	AT 25C	MICROMHO	5	967.200	490.455	1810.00	554.000	78/08	79/06
DO		MG/L	4	5.57500	2.79569	8.60000	2.40000	78/08	79/06
BOD	5 DAY	MG/L	4	11.7000	6.48383	20.6000	5.60000	78/08	79/06
COD	LOWLEVEL	MG/L	3	35.8000	2.43334	37.4000	33.0000	78/08	79/06
LAB	PH	SU	4	7.57499	.287448	7.80000	7.20000	78/08	79/06
RESIDUE	DISS-105	C MG/L	1	308.000		308.000	308.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	5	95.0000	174.086	406.000	10.0000	78/08	79/06
NH3+NH4-	N TOTAL	MG/L	6	2.55833	2.46564	6.60000	.350000	78/08	79/06
NO2-N	TOTAL	MG/L	5	.164000	.123814	.300000	.020000	78/08	79/06
NO3-N	TOTAL	MG/L	5	3.14400	1.55081	5.74000	1.93000	78/08	79/06
TOT KJEL	N	MG/L	5	5.23999	3.14215	9.80000	2.10000	78/08	79/06
PHOS-TOT		MG/L P	5	1.81200	1.53992	3.97000	.260000	78/08	79/06
TOT HARD	CACO3	MG/L	4	311.750	179.253	577.000	183.000	78/10	79/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	78/08	78/08
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/08	79/06
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/08	79/06
COPPER	CU,TOT	UG/L	5	44.0000	13.4164	60.0000	30.0000	78/08	79/06
IRON	FE,TOT	UG/L	2	8680.00	11766.2	17000.0	360.000	78/10	79/06
LEAD	PB,TOT	UG/L	5	13.0000	8.77496	28.0000	5.00000	78/08	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/10	79/03
ZINC	ZN,TOT	UG/L	5	1022.00	1108.39	2390.00	30.0000	78/08	79/06
ALUMINUM	AL,TOT	UG/L	1	7500.00		7500.00	7500.00	79/06	79/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	1	1.00000		1.00000	1.00000	78/12	78/12
PHENOLS	TOTAL	UG/L	2	8.50000	2.12132	10.0000	7.00000	78/10	79/06
MBAS		MG/L	1	.160000		.160000	.160000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	78/08	79/06

TABLE RD 1-191

STATION NUMBER 611860
40 53 03.0 082 17 02.0 2
JEROME FK AT ASHLAND - RT. 42
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 023.30 013.90 13.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	13.6000	9.36554	20.7000	.500000	78/08	79/06
CNDUCTVY	AT 25C	MICROMHO	5	948.400	500.807	1830.00	638.000	78/08	79/06
DO		MG/L	4	8.55000	1.58643	10.2000	7.00000	78/08	79/06
BOD	5 DAY	MG/L	4	2.27500	.853913	2.80000	1.00000	78/08	79/06
COD	LOWLEVEL	MG/L	3	11.9333	1.90096	13.8000	10.0000	78/08	79/06
LAB	PH	SU	4	7.92500	.171044	8.10000	7.70000	78/08	79/06
RESIDUE	DISS-105	C MG/L	1	442.000		442.000	442.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	5	28.6000	23.8810	65.0000	10.0000	78/08	79/06
NH3+NH4-	N TOTAL	MG/L	5	.120000	.059582	.200000	.050000	78/08	79/06
NO2-N	TOTAL	MG/L	5	.014000	.005477	.020000	.010000	78/08	79/06
NO3-N	TOTAL	MG/L	5	.924000	.951619	2.01000	.050000	78/08	79/06
TOT KJEL	N	MG/L	5	.780000	.426614	1.40000	.300000	78/08	79/06
PHOS-TOT		MG/L P	5	.110000	.097211	.280000	.050000	78/08	79/06
TOT HARD	CACO3	MG/L	4	490.500	343.214	997.000	243.000	78/10	79/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	78/08	78/08
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/08	79/06
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/08	79/06
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/08	79/06
IRON	FE,TOT	UG/L	2	1640.00	1216.22	2500.00	780.000	78/10	79/06
LEAD	PB,TOT	UG/L	5	5.60000	.894442	7.00000	5.00000	78/08	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/10	79/03
ZINC	ZN,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/08	79/06
ALUMINUM	AL,TOT	UG/L	1	900.000		900.000	900.000	79/06	79/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	5	2110.20	3320.64	7900.00	1.00000	78/08	79/06
PHENOLS	TOTAL	UG/L	2	4.00000	2.82843	6.00000	2.00000	78/10	79/06
MBAS		MG/L	1	.060000		.060000	.060000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	78/08	79/06

TABLE RD 1-192

STATION NUMBER 601880
40 45 19.0 081 57 26.0 2
KILLBUCK CRK BELOW WOOSTER
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 007.30 045.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	13	11.6538	8.59357	25.0000	.000000	77/01	78/05
TURB	JKSN	JTU	9	15.8778	21.4156	70.0000	2.00000	77/01	77/09
CNDUCTVY	FIELD	MICROMHO	11	406.091	134.656	700.000	170.000	77/03	78/05
CNDUCTVY	AT 25C	MICROMHO	5	756.600	288.129	1200.00	480.000	77/01	77/06
DO		MG/L	12	8.26666	2.04021	11.4000	5.20000	77/02	78/05
BOD	5 DAY	MG/L	12	3.55833	1.78350	6.40000	1.00000	77/01	78/05
COD	LOWLEVEL	MG/L	13	23.5846	14.5777	64.0000	8.00000	77/01	78/05
PH		SU	10	7.27999	.434139	7.80000	6.50000	77/01	78/05
LAB	PH	SU	7	7.50000	.529178	8.10000	6.60000	77/02	78/03
T ALK	CACO3	MG/L	6	154.333	24.8332	192.000	125.000	77/01	77/11
T ACDITY	CACO3	MG/L	5	7.80000	6.76018	19.0000	2.00000	77/01	77/11
RESIDUE	TOTAL	MG/L	11	457.636	108.745	735.000	349.000	77/01	77/11
RESIDUE	DISS-105	C MG/L	13	364.308	125.897	700.000	148.000	77/01	78/05
RESIDUE	TOT NFLT	MG/L	13	48.8461	49.8361	161.000	10.0000	77/01	78/05
OIL-GRSE	TOT-SXLT	MG/L	3	5.00000	.000000	5.00000	5.00000	77/01	77/07
NH3+NH4-	N TOTAL	MG/L	13	.813076	.723169	2.45000	.050000	77/01	78/05
NO2-N	TOTAL	MG/L	10	.084000	.065183	.210000	.040000	77/01	78/05
NO3-N	TOTAL	MG/L	10	1.81700	1.07885	3.87000	.470000	77/01	78/05
TOT KJEL	N	MG/L	9	2.45555	3.03979	10.0000	.700000	77/01	78/05
PHOS-TOT		MG/L P	12	.393333	.329665	.870000	.090000	77/01	78/05
T ORG C	C	MG/L	13	9.74615	6.54862	22.0000	1.00000	77/01	78/05
CYANIDE	CN-TOT	MG/L	9	.010000	.000008	.010000	.010000	77/01	77/09
TOT HARD	CACO3	MG/L	10	219.400	46.5767	268.000	106.000	77/01	78/05
CALCIUM	CA-TOT	MG/L	3	66.6667	9.86590	78.0000	60.0000	77/01	77/07
MGNSIUM	MG,TOT	MG/L	3	20.0000	3.60555	24.0000	17.0000	77/01	77/07
SODIUM	NA,TOT	MG/L	3	32.6667	15.1438	50.0000	22.0000	77/01	77/07
PTSSIUM	K,TOT	MG/L	3	5.03333	1.05988	6.00000	3.90000	77/01	77/07
CHLORIDE	CL	MG/L	11	61.9091	58.5602	236.000	33.0000	77/01	77/11
SULFATE	SO4-TOT	MG/L	7	77.1428	8.31544	91.0000	69.0000	77/01	77/09
FLUORIDE	F,DISS	MG/L	9	.223333	.121553	.530000	.130000	77/01	77/11

TABLE RD 1-192 (Continued)

STATION NUMBER 601880
40 45 19.0 081 57 26.0 2
KILLBUCK CRK BELOW WOOSTER
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 007.30 045.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	77/01	77/10
BARIUM	BA,TOT	UG/L	3	200.000	.000000	200.000	200.000	77/01	77/07
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/01	77/10
CHROMIUM	HEX-VAL	UG/L	3	30.0000	.000000	30.0000	30.0000	77/01	77/07
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	77/01	77/11
COPPER	CU,TOT	UG/L	6	33.3333	8.16500	50.0000	30.0000	77/01	78/05
IRON	FE,TOT	UG/L	5	2202.00	2192.34	6000.00	490.000	77/04	78/05
LEAD	PB,TOT	UG/L	6	8.00000	1.89737	10.0000	5.00000	77/01	78/05
MANGNESE	MN	UG/L	5	142.000	54.0370	210.000	80.0000	77/01	78/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	77/10	77/11
SILVER	AG,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/01	77/07
ZINC	ZN,TOT	UG/L	6	36.6667	16.3300	70.0000	30.0000	77/01	78/05
ALUMINUM	AL,TOT	UG/L	2	500.000	424.264	800.000	200.000	77/10	77/11
SELENIUM	SE,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/01	77/07
FEC COLI	MFM-FCBR	/100ML	12	1048.92	1453.59	4400.00	7.00000	77/01	78/05
FECSTREP	MF M-ENT	/100ML	10	3983.90	5974.63	19000.0	4.00000	77/01	78/05
PHENOLS	TOTAL	UG/L	13	5.38461	6.07644	20.0000	2.00000	77/01	78/05
MBAS		MG/L	13	.134615	.073668	.300000	.050000	77/01	78/05
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/01	77/07

TABLE RD 1-193

STATION NUMBER 601880
40 45 19.0 081 57 26.0 2
KILLBUCK CRK BELOW WOOSTER
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 007.30 045.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	9.23333	10.5813	21.0000	.500000	78/08	79/04
CNDUCTVY	FIELD	MICROMHO	3	370.666	200.176	600.000	231.000	78/08	79/04
CNDUCTVY	AT 25C	MICROMHO	1	420.000		420.000	420.000	79/04	79/04
DO		MG/L	3	8.40000	3.93574	11.2000	3.90000	78/08	79/04
COD	LOWLEVEL	MG/L	3	12.6333	4.76482	18.0000	8.90000	78/08	79/04
PH		SU	3	7.21666	.448250	7.50000	6.70000	78/08	79/04
LAB	PH	SU	2	7.50000	.141382	7.60000	7.40000	79/02	79/04
RESIDUE	TOTAL	MG/L	1	388.000		388.000	388.000	79/02	79/02
RESIDUE	DISS-105	C MG/L	2	306.000	62.2254	350.000	262.000	79/02	79/04
RESIDUE	TOT NFLT	MG/L	3	23.0000	19.9750	46.0000	10.0000	78/08	79/04
NH3+NH4-	N TOTAL	MG/L	3	.853333	.675302	1.54000	.190000	78/08	79/04
NO2-N	TOTAL	MG/L	2	.155000	.120208	.240000	.070000	78/08	79/04
NO3-N	TOTAL	MG/L	2	2.19500	1.74656	3.43000	.960000	78/08	79/04
TOT KJEL	N	MG/L	2	1.20000	.424266	1.50000	.900000	78/08	79/04
PHOS-TOT		MG/L P	1	.530000		.530000	.530000	78/08	78/08
TOT HARD	CACO3	MG/L	2	208.000	55.1543	247.000	169.000	78/08	79/04
CHLORIDE	CL	MG/L	1	56.0000		56.0000	56.0000	78/08	78/08
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/08	79/04
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	79/04	79/04
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	79/04
IRON	FE,TOT	UG/L	3	1626.67	972.850	2750.00	1060.00	78/08	79/04
LEAD	PB,TOT	UG/L	2	19.5000	2.12132	21.0000	18.0000	78/08	79/04
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/08	79/04
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	79/04
FEC COLI	MFM-FCBR	/100ML	2	299.500	396.687	580.000	19.0000	79/02	79/04
FECSTREP	MF M-ENT	/100ML	1	2900.00		2900.00	2900.00	79/04	79/04
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	78/08	79/04
MBAS		MG/L	1	.110000		.110000	.110000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/08	79/04

TABLE RD 1-194

STATION NUMBER 611880
40 23 20.0 082 27 45.0 2
KOKOSING R AT MT. VERNON-S.R.661
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 023.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	4.70000	5.30189	10.8000	1.20000	77/12	78/04
CNDUCTVY	AT 25C	MICROMHO	3	489.666	36.2021	530.000	460.000	77/12	78/04
DO		MG/L	3	12.9667	.208756	13.2000	12.8000	77/12	78/04
BOD	5 DAY	MG/L	1	3.20000		3.20000	3.20000	78/04	78/04
COD	LOWLEVEL	MG/L	3	9.66667	3.51191	13.0000	6.00000	77/12	78/04
LAB	PH	SU	3	7.99999	.200440	8.20000	7.80000	77/12	78/04
RESIDUE	TOT NFLT	MG/L	3	12.0000	3.46410	16.0000	10.0000	77/12	78/04
NH3+NH4-	N TOTAL	MG/L	3	.153333	.102144	.270000	.080000	77/12	78/04
NO2-N	TOTAL	MG/L	2	.015000	.007071	.020000	.010000	78/02	78/04
NO3-N	TOTAL	MG/L	3	1.92667	.480867	2.48000	1.61000	77/12	78/04
TOT KJEL	N	MG/L	3	.400000	.100001	.500000	.300000	77/12	78/04
PHOS-TOT		MG/L P	3	.120000	.051962	.150000	.060000	77/12	78/04
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/04
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/04
IRON	FE,TOT	UG/L	3	670.000	341.760	990.000	310.000	77/12	78/04
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/12	78/04
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/04
FEC COLI	MFM-FCBR	/100ML	2	255.000	7.07107	260.000	250.000	78/02	78/04

TABLE RD 1-195

STATION NUMBER 611880
40 23 20.0 082 27 45.0 2
KOKOSING R AT MT. VERNON-S.R.661
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 023.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	5	11.8400	8.68867	21.0000	2.20000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	5	558.000	59.9333	640.000	490.000	78/07	79/06
DO		MG/L	5	10.7200	1.26181	12.6000	9.40000	78/07	79/06
BOD	5 DAY	MG/L	3	1.40000	.692821	2.20000	1.00000	78/07	79/03
COD	LOWLEVEL	MG/L	2	7.00000	1.41421	8.00000	6.00000	78/10	79/06
LAB	PH	SU	5	8.05999	.207583	8.30000	7.80000	78/07	79/06
RESIDUE	DISS-105	C MG/L	1	318.000		318.000	318.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	5	14.6000	5.27258	22.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	5	.060000	.022361	.100000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	5	.010000	.000000	.010000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	5	1.42000	.684178	2.38000	.510000	78/07	79/06
TOT KJEL	N	MG/L	5	.340000	.207365	.600000	.100000	78/07	79/06
PHOS-TOT		MG/L P	5	.060000	.014142	.080000	.050000	78/07	79/06
T ORG C	C	MG/L	1	12.0000		12.0000	12.0000	78/10	78/10
TOT HARD	CACO3	MG/L	5	253.000	23.8642	277.000	225.000	78/07	79/06
ARSENIC	AS,TOT	UG/L	3	20.0000	17.3205	40.0000	10.0000	78/10	79/06
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/07	79/06
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
IRON	FE,TOT	UG/L	3	923.333	778.482	1820.00	420.000	78/07	79/06
LEAD	PB,TOT	UG/L	5	10.4000	7.89304	24.0000	5.00000	78/07	79/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/07	79/03
ZINC	ZN,TOT	UG/L	5	32.0000	4.47214	40.0000	30.0000	78/07	79/06
ALUMINUM	AL,TOT	UG/L	1	300.000		300.000	300.000	79/06	79/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	3	1680.00	1750.77	3700.00	600.000	78/07	79/03
FECSTREP	MF M-ENT	/100ML	1	260.000		260.000	260.000	79/03	79/03
MBAS		MG/L	1	.050000		.050000	.050000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	5	.640000	.313050	1.20000	.500000	78/07	79/06

TABLE RD 1-196

STATION NUMBER 611890
40 22 18.0 082 27 45.0 2
KOKOSING R AT MT. VERNON-TWP 257
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 021.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	4.40000	5.62939	10.9000	1.10000	77/12	78/04
CNDUCTVY	AT 25C	MICROMHO	3	495.333	45.0052	540.000	450.000	77/12	78/04
DO		MG/L	3	12.8667	.611075	13.4000	12.2000	77/12	78/04
BOD	5 DAY	MG/L	2	2.00000	.282848	2.20000	1.80000	77/12	78/04
COD	LOWLEVEL	MG/L	3	7.66667	3.05506	11.0000	5.00000	77/12	78/04
LAB	PH	SU	3	7.99999	.100884	8.10000	7.90000	77/12	78/04
RESIDUE	TOT NFLT	MG/L	3	12.0000	1.73205	13.0000	10.0000	77/12	78/04
NH3+NH4-	N TOTAL	MG/L	3	.116667	.076376	.200000	.050000	77/12	78/04
NO2-N	TOTAL	MG/L	2	.010000	.000000	.010000	.010000	78/02	78/04
NO3-N	TOTAL	MG/L	3	1.93667	.602857	2.62000	1.48000	77/12	78/04
TOT KJEL	N	MG/L	3	.400000	.100001	.500000	.300000	77/12	78/04
PHOS-TOT		MG/L P	3	.163333	.196299	.390000	.050000	77/12	78/04
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/04
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/04
IRON	FE,TOT	UG/L	3	570.000	450.777	1090.00	290.000	77/12	78/04
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/12	78/04
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/04
FEC COLI	MFM-FCBR	/100ML	2	80.0000	28.2843	100.000	60.0000	78/02	78/04

TABLE RD 1-197

STATION NUMBER 611890
40 22 18.0 082 27 45.0 2
KOKOSING R AT MT. VERNON-TWP 257
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 021.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	5	10.9000	7.98687	20.4000	2.20000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	5	576.600	82.4151	680.000	480.000	78/07	79/06
DO		MG/L	5	10.5000	1.27676	11.8000	8.40000	78/07	79/06
BOD	5 DAY	MG/L	3	2.76667	.709460	3.40000	2.00000	78/07	79/03
COD	LOWLEVEL	MG/L	2	4.50000	.707107	5.00000	4.00000	78/10	79/06
LAB	PH	SU	5	7.99999	.274106	8.30000	7.60000	78/07	79/06
RESIDUE	DISS-105	C MG/L	1	332.000		332.000	332.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	5	17.4000	7.46996	27.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	5	.094000	.042779	.140000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	5	.020000	.017321	.050000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	5	1.92600	.481072	2.65000	1.38000	78/07	79/06
TOT KJEL	N	MG/L	5	.580000	.164318	.700000	.400000	78/07	79/06
PHOS-TOT		MG/L P	5	.124000	.113270	.320000	.050000	78/07	79/06
T ORG C	C	MG/L	1	13.0000		13.0000	13.0000	78/10	78/10
TOT HARD	CACO3	MG/L	5	250.200	27.8517	273.000	212.000	78/07	79/06
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	78/10	79/06
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/07	79/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	79/03	79/03
CHROMIUM	CR,TOT	UG/L	5	108.000	174.413	420.000	30.0000	78/07	79/06
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
IRON	FE,TOT	UG/L	3	503.333	211.266	640.000	260.000	78/07	79/06
LEAD	PB,TOT	UG/L	5	15.4000	16.1957	44.0000	5.00000	78/07	79/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/07	79/03
ZINC	ZN,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
ALUMINUM	AL,TOT	UG/L	1	300.000		300.000	300.000	79/06	79/06
SELENIUM	SE,TOT	UG/L	1	10.0000		10.0000	10.0000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	3	1570.00	1855.99	3700.00	300.000	78/07	79/03
FECSTREP	MF M-ENT	/100ML	1	100.000		100.000	100.000	79/03	79/03
MBAS		MG/L	1	.080000		.080000	.080000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	5	.520000	.044725	.600000	.500000	78/07	79/06

TABLE RD 1-198

STATION NUMBER 601770
40 03 33.0 082 20 23.0 2
LICKING RIVER NEAR NEWARK
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 078.30 025.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	13.5833	9.40869	25.0000	.000000	77/07	78/06
STREAM	FLOW	CFS	8	1011.00	933.552	3141.00	251.000	77/10	78/06
TURB	JKSN	JTU	4	13.7750	13.6559	34.0000	4.90000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	11	462.727	182.763	800.000	290.000	77/07	78/06
CNDUCTVY	AT 25C	MICROMHO	3	758.333	127.291	850.000	613.000	77/07	77/09
DO		MG/L	12	9.07499	3.08991	14.2000	4.90000	77/07	78/06
BOD	5 DAY	MG/L	11	4.25454	3.12166	12.7000	1.30000	77/07	78/06
COD	LOWLEVEL	MG/L	12	22.3333	13.4255	55.0000	5.00000	77/07	78/06
PH		SU	9	7.63333	.239718	8.00000	7.20000	77/07	78/06
LAB	PH	SU	7	7.61143	.235846	7.90000	7.20000	77/07	78/02
T ALK	CACO3	MG/L	2	206.500	17.6777	219.000	194.000	77/07	77/09
T ACDITY	CACO3	MG/L	1	10.0000		10.0000	10.0000	77/07	77/07
RESIDUE	TOTAL	MG/L	5	531.800	60.8358	623.000	458.000	77/07	77/10
RESIDUE	DISS-105	C MG/L	5	476.000	86.9425	597.000	383.000	77/07	77/10
RESIDUE	TOT NFLT	MG/L	12	90.5000	128.655	379.000	3.00000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/07	77/07
NH3+NH4-	N TOTAL	MG/L	12	.928333	.519962	1.67000	.220000	77/07	78/06
NO2-N	TOTAL	MG/L	12	.111666	.090437	.300000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	12	1.70333	.607878	3.09000	.980000	77/07	78/06
TOT KJEL	N	MG/L	11	2.18181	1.02159	4.50000	.900000	77/07	78/06
PHOS-TOT		MG/L P	12	.726666	.960401	3.64000	.050000	77/07	78/06
T ORG C	C	MG/L	3	10.6667	8.50491	17.0000	1.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	4	.022500	.025000	.060000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	3	260.333	57.0649	310.000	198.000	77/07	78/06
CALCIUM	CA-TOT	MG/L	1	75.0000		75.0000	75.0000	77/07	77/07
MGNSIUM	MG,TOT	MG/L	1	24.0000		24.0000	24.0000	77/07	77/07
SODIUM	NA,TOT	MG/L	1	20.0000		20.0000	20.0000	77/07	77/07
PTSSIUM	K,TOT	MG/L	1	4.50000		4.50000	4.50000	77/07	77/07
CHLORIDE	CL	MG/L	9	36.0000	12.0000	53.0000	23.0000	77/07	78/05
SULFATE	SO4-TOT	MG/L	8	76.5000	19.8062	106.000	51.0000	77/07	78/05

TABLE RD 1-198 (Continued)

STATION NUMBER 601770
40 03 33.0 082 20 23.0 2
LICKING RIVER NEAR NEWARK
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 078.30 025.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/07	77/07
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/07	77/07
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/07	78/06
CHROMIUM	HEX-VAL	UG/L	3	30.0000	.000000	30.0000	30.0000	77/07	78/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/07	78/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/07	78/06
IRON	FE,TOT	UG/L	1	2580.00		2580.00	2580.00	77/07	77/07
LEAD	PB,TOT	UG/L	4	7.00000	2.30940	9.00000	5.00000	77/07	78/06
MANGNESE	MN	UG/L	1	120.000		120.000	120.000	77/07	77/07
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/12	78/06
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
ZINC	ZN,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	77/07	78/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
FEC COLI	MFM-FCBR	/100ML	10	2203.00	2937.40	9100.00	17.0000	77/08	78/06
FECSTREP	MF M-ENT	/100ML	7	2037.29	4839.97	13000.0	27.0000	77/08	78/06
PHENOLS	TOTAL	UG/L	12	7.41667	13.0764	48.0000	2.00000	77/07	78/06
MBAS		MG/L	4	.365000	.244745	.640000	.130000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	77/07	78/06

TABLE RD 1-199

STATION NUMBER 601770
40 03 33.0 082 20 23.0 2
LICKING RIVER NEAR NEWARK
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 078.30 025.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	11.0000	9.23698	25.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	11	650.727	461.869	1439.00	143.000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	12	497.916	220.593	900.000	210.000	78/07	79/06
DO		MG/L	12	10.0583	2.57946	13.6000	6.20000	78/07	79/06
BOD	5 DAY	MG/L	9	4.16666	2.11897	8.00000	2.00000	78/07	79/05
COD	LOWLEVEL	MG/L	12	15.9167	5.88463	24.0000	7.00000	78/07	79/06
PH		SU	12	7.64999	.257608	8.30000	7.30000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	14.0833	8.45801	34.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	1.18833	1.25917	4.26000	.120000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.087500	.104457	.390000	.020000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.56833	.643586	3.15000	.900000	78/07	79/06
TOT KJEL	N	MG/L	11	2.48181	2.33702	7.40000	.500000	78/07	79/06
PHOS-TOT		MG/L P	12	.258333	.290386	1.04000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	4	286.250	55.3978	337.000	213.000	78/09	79/06
CHLORIDE	CL	MG/L	9	32.8889	23.9606	84.0000	7.00000	78/08	79/06
SULFATE	SO4-TOT	MG/L	8	70.8750	17.3076	97.0000	51.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	4	697.500	545.550	1500.00	280.000	78/09	79/06
LEAD	PB,TOT	UG/L	4	7.50000	1.91485	9.00000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	12	7165.62	12565.3	33000.0	7.50000	78/07	79/06
PHENOLS	TOTAL	UG/L	12	3.83333	3.24271	13.0000	2.00000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-200

STATION NUMBER 601870
40 31 20.0 082 11 45.0 2
MOHICAN R AT GREER
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 016.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	11.9444	9.41224	25.0000	.000000	77/07	78/06
STREAM	FLOW	CFS	11	1113.64	1176.90	3693.00	163.000	77/07	78/06
TURB	JKSN	JTU	3	234.833	385.555	680.000	7.50000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	3	400.000	55.6776	460.000	350.000	77/07	77/10
CNDUCTVY	AT 25C	MICROMHO	6	434.166	99.6574	563.000	290.000	77/12	78/06
DO		MG/L	9	8.99999	2.81959	13.8000	4.30000	77/07	78/06
BOD	5 DAY	MG/L	3	1.70000	.100013	1.80000	1.60000	77/08	78/01
COD	LOWLEVEL	MG/L	11	26.7273	33.8204	127.000	10.0000	77/07	78/06
PH		SU	5	7.36000	.336210	7.80000	7.00000	77/07	78/06
LAB	PH	SU	8	7.45374	.219069	7.73000	7.10000	77/08	78/04
T ALK	CACO3	MG/L	1	110.000		110.000	110.000	77/07	77/07
T ACDITY	CACO3	MG/L	1	4.00000		4.00000	4.00000	77/07	77/07
RESIDUE	TOTAL	MG/L	4	730.500	828.771	1970.00	231.000	77/07	78/01
RESIDUE	DISS-105	C MG/L	4	286.000	33.8821	321.000	255.000	77/07	78/05
RESIDUE	TOT NFLT	MG/L	11	180.818	504.309	1700.00	10.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/07	77/07
NH3+NH4-	N TOTAL	MG/L	10	.269000	.228252	.750000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	11	.262727	.742605	2.50000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	11	1.77818	.600187	2.67000	1.11000	77/07	78/06
TOT KJEL	N	MG/L	11	1.28182	1.67022	6.20000	.100000	77/07	78/06
PHOS-TOT		MG/L P	11	.422727	.697611	2.49000	.050000	77/07	78/06
T ORG C	C	MG/L	2	23.0000	29.6985	44.0000	2.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	4	205.750	35.0844	243.000	166.000	77/07	78/05
CALCIUM	CA-TOT	MG/L	1	55.0000		55.0000	55.0000	77/07	77/07
MGNSIUM	MG,TOT	MG/L	1	20.0000		20.0000	20.0000	77/07	77/07
SODIUM	NA,TOT	MG/L	1	20.0000		20.0000	20.0000	77/07	77/07
PTSSIUM	K,TOT	MG/L	1	6.70000		6.70000	6.70000	77/07	77/07
CHLORIDE	CL	MG/L	3	27.6667	1.15509	29.0000	27.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	2	48.5000	12.0208	57.0000	40.0000	77/07	77/09
FLUORIDE	F,DISS	MG/L	2	.230000	.254558	.410000	.050000	77/07	78/05

TABLE RD 1-200

STATION NUMBER 601870
40 31 20.0 082 11 45.0 2
MOHICAN R AT GREER
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 016.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	77/07	78/05
BARIUM	BA,TOT	UG/L	1	500.000		500.000	500.000	77/07	77/07
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	78/05
CHROMIUM	HEX-VAL	UG/L	1	101.000		101.000	101.000	77/07	77/07
CHROMIUM	CR,TOT	UG/L	3	200.000	252.389	490.000	30.0000	77/07	78/05
COPPER	CU,TOT	UG/L	3	93.3333	92.9158	200.000	30.0000	77/07	78/05
IRON	FE,TOT	UG/L	3	16163.3	25850.0	46000.0	500.000	77/07	78/05
LEAD	PB,TOT	UG/L	3	70.6667	112.010	200.000	5.00000	77/07	78/05
MANGNESE	MN	UG/L	3	683.333	898.462	1720.00	130.000	77/07	78/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/05
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/07	78/05
ZINC	ZN,TOT	UG/L	3	180.000	242.693	460.000	30.0000	77/07	78/05
ALUMINUM	AL,TOT	UG/L	2	500.000	424.264	800.000	200.000	78/03	78/05
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
FEC COLI	MFM-FCBR	/100ML	9	912.222	876.025	3000.00	130.000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	2	920.000	678.822	1400.00	440.000	77/08	77/09
PHENOLS	TOTAL	UG/L	5	2.80000	1.78886	6.00000	2.00000	77/07	78/06
MBAS		MG/L	3	.110000	.052915	.170000	.070000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/07	78/05

TABLE RD 1-201

STATION NUMBER 601870
40 31 20.0 082 11 45.0 2
MOHICAN R AT GREER
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 016.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	11.5909	8.07099	21.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	11	1134.36	1292.12	3668.00	160.000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	9	389.222	70.8731	520.000	275.000	78/07	79/05
CNDUCTVY	AT 25C	MICROMHO	4	401.500	83.1605	508.000	308.000	79/02	79/06
DO		MG/L	9	9.59999	1.93715	12.5000	7.20000	78/07	79/06
BOD	5 DAY	MG/L	1	3.10000		3.10000	3.10000	78/11	78/11
COD	LOWLEVEL	MG/L	12	15.2500	8.15893	36.0000	4.00000	78/07	79/06
PH		SU	10	7.86000	.201044	8.20000	7.60000	78/07	79/06
T ALK	CACO3	MG/L	1	172.000		172.000	172.000	78/11	78/11
RESIDUE	TOTAL	MG/L	1	345.000		345.000	345.000	78/11	78/11
RESIDUE	DISS-105	C MG/L	4	229.750	57.4826	306.000	169.000	78/11	79/04
RESIDUE	TOT NFLT	MG/L	12	26.4167	22.1255	85.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.145833	.122953	.440000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.029167	.023916	.080000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	2.09416	.780092	3.41000	1.09000	78/07	79/06
TOT KJEL	N	MG/L	12	.683333	.301008	1.10000	.400000	78/07	79/06
PHOS-TOT		MG/L P	12	.175000	.097748	.420000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	5	204.200	43.0258	234.000	131.000	78/08	79/05
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	5	60.0000	37.4166	110.000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	4	840.000	847.152	2100.00	270.000	78/08	79/02
LEAD	PB,TOT	UG/L	5	7.00000	3.46410	13.0000	5.00000	78/08	79/05
MANGNESE	MN	UG/L	3	90.0000	10.0000	100.000	80.0000	78/08	79/02
NICKEL	NI,TOTAL	UG/L	5	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	5	34.0000	8.94427	50.0000	30.0000	78/08	79/05
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	78/09	78/09
FEC COLI	MFM-FCBR	/100ML	10	2772.00	6770.97	22000.0	100.000	78/07	79/05
PHENOLS	TOTAL	UG/L	4	4.00000	4.00000	10.0000	2.00000	78/07	79/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-202

STATION NUMBER 601940
40 44 03.0 081 21 08.0 2
NIMISHILLEN CRK AT N INDUSTRY
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 070.50 007.90 008.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	17	12.2235	7.50121	22.0000	2.50000	77/02	78/06
STREAM	FLOW	CFS	14	403.000	557.997	2268.00	102.000	77/04	78/06
TURB	JKSN	JTU	9	43.9777	70.6550	200.000	2.90000	77/01	77/09
CNDUCTVY	FIELD	MICROMHO	14	755.714	243.018	1100.00	230.000	77/04	78/06
CNDUCTVY	AT 25C	MICROMHO	4	971.250	421.196	1535.00	620.000	77/01	77/04
DO		MG/L	17	8.58235	2.41745	13.8000	5.60000	77/02	78/06
BOD	5 DAY	MG/L	13	5.91538	3.61775	13.2000	1.40000	77/01	78/05
COD	LOWLEVEL	MG/L	18	30.5000	16.6636	68.0000	12.0000	77/01	78/06
PH		SU	16	6.88437	.368675	7.60000	6.30000	77/01	78/06
LAB	PH	SU	8	7.60374	.275929	8.00000	7.10000	77/02	78/05
T ALK	CACO3	MG/L	7	159.429	73.2277	252.000	61.0000	77/01	77/12
T ACDITY	CACO3	MG/L	6	4.83333	4.07022	12.0000	1.00000	77/01	77/12
RESIDUE	TOTAL	MG/L	12	702.583	161.091	968.000	322.000	77/01	77/12
RESIDUE	DISS-105	C MG/L	17	527.117	215.093	800.000	13.0000	77/01	78/05
RESIDUE	TOT NFLT	MG/L	18	130.611	232.373	941.000	10.0000	77/01	78/06
OIL-GRSE	TOT-SXLT	MG/L	5	6.00000	2.23607	10.0000	5.00000	77/01	78/01
NH3+NH4-	N TOTAL	MG/L	18	1.42166	1.69134	6.64000	.100000	77/01	78/06
NO2-N	TOTAL	MG/L	16	.149375	.068942	.270000	.040000	77/01	78/06
NO3-N	TOTAL	MG/L	16	3.32437	1.15765	5.81000	1.77000	77/01	78/06
TOT KJEL	N	MG/L	16	2.76562	2.02293	7.80000	.900000	77/01	78/06
PHOS-TOT		MG/L P	17	1.05529	.661828	2.90000	.230000	77/01	78/06
T ORG C	C	MG/L	15	13.6000	5.24813	22.0000	4.00000	77/01	78/03
CYANIDE	CN-TOT	MG/L	13	.011538	.003755	.020000	.010000	77/01	78/06
TOT HARD	CACO3	MG/L	15	315.400	115.306	428.000	38.0000	77/01	78/05
CALCIUM	CA-TOT	MG/L	3	122.000	7.93725	131.000	116.000	77/01	77/07
MGNSIUM	MG,TOT	MG/L	3	28.0000	3.00000	31.0000	25.0000	77/01	77/07
SODIUM	NA,TOT	MG/L	3	108.667	48.8810	162.000	66.0000	77/01	77/07
PTSSIUM	K,TOT	MG/L	3	6.76666	1.36507	7.70000	5.20000	77/01	77/07
CHLORIDE	CL	MG/L	16	111.687	46.9563	232.000	37.0000	77/01	78/05
SULFATE	SO4-TOT	MG/L	8	150.125	51.4016	209.000	76.0000	77/01	77/11
FLUORIDE	F,DISS	MG/L	16	1.06750	.510443	2.10000	.320000	77/01	78/06

TABLE RD 1-202 (Continued)

STATION NUMBER 601940
40 44 03.0 081 21 08.0 2
NIMISHILLEN CRK AT N INDUSTRY
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 070.50 007.90 008.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	77/01	77/07
BARIUM	BA,TOT	UG/L	3	200.000	.000000	200.000	200.000	77/01	77/07
CADMIUM	CD,TOT	UG/L	6	5.00000	.000000	5.00000	5.00000	77/01	78/04
CHROMIUM	HEX-VAL	UG/L	3	30.0000	.000000	30.0000	30.0000	77/01	77/07
CHROMIUM	CR,TOT	UG/L	8	46.2500	22.6385	100.000	30.0000	77/01	78/04
COPPER	CU,TOT	UG/L	8	30.0000	.000000	30.0000	30.0000	77/01	78/04
IRON	FE,TOT	UG/L	10	3394.00	5539.10	18000.0	610.000	77/04	78/06
LEAD	PB,TOT	UG/L	10	29.8000	40.6361	140.000	7.00000	77/01	78/04
MANGNESE	MN	UG/L	6	638.333	149.989	880.000	460.000	77/01	78/03
NICKEL	NI,TOTAL	UG/L	8	185.000	79.8212	300.000	100.000	77/01	78/04
SILVER	AG,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/01	77/07
ZINC	ZN,TOT	UG/L	10	113.000	59.4512	210.000	30.0000	77/01	78/04
ALUMINUM	AL,TOT	UG/L	1	1300.00		1300.00	1300.00	77/12	77/12
SELENIUM	SE,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/01	77/07
FEC COLI	MFM-FCBR	/100ML	11	7063.63	5897.33	22000.0	1300.00	77/01	78/05
FECSTREP	MF M-ENT	/100ML	11	9281.82	11579.1	34000.0	560.000	77/01	78/05
PHENOLS	TOTAL	UG/L	18	7.94444	7.19863	30.0000	2.00000	77/01	78/06
MBAS		MG/L	17	.225294	.075922	.430000	.100000	77/01	78/05
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	77/01	78/04

TABLE RD 1-203

STATION NUMBER 601940
40 44 03.0 081 21 08.0 2
NIMISHILLEN CRK AT N INDUSTRY
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 070.50 007.90 008.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	10.6083	8.10785	23.0000	.500000	78/07	79/06
STREAM	FLOW	CFS	8	348.500	344.594	1040.00	128.000	78/10	79/06
CNDUCTVY	FIELD	MICROMHO	12	756.916	293.482	1120.00	336.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	575.000		575.000	575.000	79/04	79/04
DO		MG/L	12	8.68333	2.37175	11.8000	5.50000	78/07	79/06
COD	LOWLEVEL	MG/L	13	25.8384	23.4368	100.000	7.00000	78/07	79/06
PH		SU	12	7.72916	.191308	8.20000	7.50000	78/07	79/06
LAB	PH	SU	3	7.83333	.153118	8.00000	7.70000	79/02	79/04
RESIDUE	TOTAL	MG/L	3	543.333	183.536	754.000	418.000	79/02	79/04
RESIDUE	DISS-105	C MG/L	7	623.286	182.162	806.000	342.000	78/09	79/06
RESIDUE	TOT NFLT	MG/L	12	29.1667	44.1461	159.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	1.88833	1.58962	4.73000	.160000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.132500	.104545	.350000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	3.50749	1.23801	5.98000	2.10000	78/07	79/06
TOT KJEL	N	MG/L	11	4.08181	2.62482	9.50000	1.20000	78/07	79/06
PHOS-TOT		MG/L P	12	1.38583	1.22114	4.50000	.280000	78/07	79/06
CYANIDE	CN-TOT	MG/L	10	.011000	.003162	.020000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	3	328.666	113.976	413.000	199.000	78/07	79/04
CHLORIDE	CL	MG/L	7	106.714	48.6235	163.000	39.0000	78/07	79/06
FLUORIDE	F,DISS	MG/L	12	.998333	.434926	1.69000	.390000	78/07	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/07	79/04
CHROMIUM	CR,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/07	79/04
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/04
IRON	FE,TOT	UG/L	9	1673.33	1470.97	4100.00	530.000	78/07	79/05
LEAD	PB,TOT	UG/L	4	28.5000	24.6238	64.0000	10.0000	78/07	79/04
NICKEL	NI,TOTAL	UG/L	4	175.000	50.0000	200.000	100.000	78/07	79/04
ZINC	ZN,TOT	UG/L	4	97.5000	29.8608	130.000	60.0000	78/07	79/04
FEC COLI	MFM-FCBR	/100ML	8	15512.5	19737.6	60000.0	2300.00	78/08	79/06
FECSTREP	MF M-ENT	/100ML	7	44671.4	59026.1	140000	1400.00	78/08	79/06
PHENOLS	TOTAL	UG/L	12	38.0833	112.750	396.000	2.00000	78/07	79/06
MBAS		MG/L	2	.180000	.127279	.270000	.090000	78/11	79/04
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/07	78/10

TABLE RD 1-204

STATION NUMBER 611910
40 45 04.0 082 29 04.0 2
ROCKY FK AT MANSFIELD-ILL. AVE.
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 027.20 014.00 11.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	15.7818	8.30022	26.3000	3.00000	77/07	78/05
CNDUCTVY	AT 25C	MICROMHO	4	823.500	108.792	980.000	730.000	77/12	78/05
DO		MG/L	11	8.19545	1.98123	11.1000	5.30000	77/07	78/05
COD	LOWLEVEL	MG/L	4	17.5000	4.04145	23.0000	14.0000	77/12	78/05
LAB	PH	SU	4	7.87500	.096081	8.00000	7.80000	77/12	78/05
RESIDUE	DISS-105	C MG/L	4	420.250	67.9724	470.000	323.000	77/07	77/10
RESIDUE	TOT NFLT	MG/L	8	41.2500	76.8221	231.000	10.0000	77/07	78/05
NH3+NH4-	N TOTAL	MG/L	7	.252857	.182731	.480000	.070000	77/10	78/05
NO2-N	TOTAL	MG/L	3	.136667	.105987	.250000	.040000	78/02	78/05
NO3-N	TOTAL	MG/L	4	.982500	.315951	1.35000	.690000	77/12	78/05
TOT KJEL	N	MG/L	4	.877499	.484450	1.60000	.600000	77/12	78/05
PHOS-TOT		MG/L P	4	.445000	.347803	.960000	.220000	77/12	78/05
TOT HARD	CACO3	MG/L	8	261.375	34.9977	307.000	189.000	77/07	78/05
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	77/07	77/08
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	77/08
CHROMIUM	CR,TOT	UG/L	11	54.5454	38.0431	140.000	30.0000	77/07	78/05
COPPER	CU,TOT	UG/L	10	38.0000	16.1933	80.0000	30.0000	77/07	78/05
IRON	FE,TOT	UG/L	10	2745.00	3431.32	11200.0	660.000	77/07	78/05
LEAD	PB,TOT	UG/L	7	16.2857	10.4836	33.0000	5.00000	77/07	78/05
NICKEL	NI,TOTAL	UG/L	10	320.000	594.044	2000.00	100.000	77/07	78/05
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	10	119.000	184.297	640.000	30.0000	77/07	78/05
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	2	1915.00	1675.84	3100.00	730.000	78/02	78/05
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	77/07	77/07

TABLE RD 1-205

STATION NUMBER 611910
40 45 04.0 082 29 04.0 2
ROCKY FK AT MANSFIELD-ILL. AVE.
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 027.20 014.00 11.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	21.2000	4.66798	24.7000	15.9000	78/08	79/06
CNDUCTVY	AT 25C	MICROMHO	4	794.250	46.1627	843.000	750.000	78/08	79/06
DO		MG/L	3	8.80000	2.33883	11.5000	7.40000	78/08	79/06
BOD	5 DAY	MG/L	2	6.90000	4.66690	10.2000	3.60000	78/08	79/03
COD	LOWLEVEL	MG/L	3	20.9000	4.46434	26.0000	17.7000	78/08	79/06
LAB	PH	SU	4	8.05000	.191791	8.20000	7.80000	78/08	79/06
RESIDUE	DISS-105	C MG/L	2	489.000	43.8406	520.000	458.000	79/03	79/06
RESIDUE	TOT NFLT	MG/L	4	10.0000	.000000	10.0000	10.0000	78/08	79/06
NH3+NH4-	N TOTAL	MG/L	4	.152500	.086939	.260000	.060000	78/08	79/06
NO2-N	TOTAL	MG/L	3	.030000	.020000	.050000	.010000	78/10	79/06
NO3-N	TOTAL	MG/L	4	.532500	.246627	.860000	.290000	78/08	79/06
TOT KJEL	N	MG/L	4	1.25000	.532292	1.80000	.700000	78/08	79/06
PHOS-TOT		MG/L P	4	.157500	.100457	.270000	.050000	78/08	79/06
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	79/06	79/06
TOT HARD	CACO3	MG/L	3	284.666	27.1385	316.000	269.000	78/10	79/06
FLUORIDE	F,DISS	MG/L	1	.380000		.380000	.380000	79/06	79/06
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	78/08	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/08	79/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	79/03	79/03
CHROMIUM	CR,TOT	UG/L	4	62.5000	34.0343	110.000	30.0000	78/08	79/06
COPPER	CU,TOT	UG/L	4	37.5000	15.0000	60.0000	30.0000	78/08	79/06
IRON	FE,TOT	UG/L	2	1120.00	.000000	1120.00	1120.00	78/10	79/06
LEAD	PB,TOT	UG/L	4	6.00000	.816497	7.00000	5.00000	78/08	79/06
MANGNESE	MN	UG/L	1	160.000		160.000	160.000	79/06	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/10	79/06
ZINC	ZN,TOT	UG/L	4	40.0000	.000000	40.0000	40.0000	78/08	79/06
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	79/06	79/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	3	1576.67	1443.13	3100.00	230.000	78/08	79/03
FECSTREP	MF M-ENT	/100ML	1	10.0000		10.0000	10.0000	79/03	79/03
PHENOLS	TOTAL	UG/L	2	3.00000	1.41421	4.00000	2.00000	78/10	79/06
MBAS		MG/L	1	.160000		.160000	.160000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/06

TABLE RD 1-206

STATION NUMBER 611900
40 45 28.0 082 29 53.0 2
ROCKY FK AT MANSFIELD - S.R. 39
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 027.20 014.00 10.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	10	14.2900	6.88404	25.0000	3.60000	77/07	78/05
CNDUCTVY	AT 25C	MICROMHO	4	879.000	96.0763	1020.00	816.000	77/12	78/05
DO		MG/L	10	7.46999	1.65601	9.90000	5.70000	77/07	78/05
COD	LOWLEVEL	MG/L	4	32.7500	10.4363	48.0000	26.0000	77/12	78/05
LAB	PH	SU	4	7.62500	.050581	7.70000	7.60000	77/12	78/05
RESIDUE	DISS-105	C MG/L	4	456.500	71.8401	503.000	351.000	77/07	77/10
RESIDUE	TOT NFLT	MG/L	8	40.3750	49.9197	157.000	10.0000	77/07	78/05
NH3+NH4-	N TOTAL	MG/L	7	3.47714	1.75730	5.72000	.850000	77/10	78/05
NO2-N	TOTAL	MG/L	3	.083333	.025166	.110000	.060000	78/02	78/05
NO3-N	TOTAL	MG/L	4	1.74000	2.11035	4.90000	.520000	77/12	78/05
TOT KJEL	N	G/L	2	10.0000	.000000	10.0000	10.0000	77/07	77/07
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	77/08
CHROMIUM	CR,TOT	UG/L	11	1421.82	716.307	2550.00	150.000	77/07	78/05
COPPER	CU,TOT	UG/L	11	275.454	165.974	650.000	70.0000	77/07	78/05
IRON	FE,TOT	UG/L	11	1863.64	2152.21	7900.00	570.000	77/07	78/05
LEAD	PB,TOT	UG/L	8	18.2500	14.7139	41.0000	5.00000	77/07	78/05
NICKEL	NI,TOTAL	UG/L	11	1236.36	412.974	1900.00	500.000	77/07	78/05
ZINC	ZN,TOT	UG/L	10	134.000	120.481	450.000	30.0000	77/07	78/05
FEC COLI	MFM-FCBR	/100ML	3	4676.66	2292.09	6000.00	2030.00	77/12	78/05
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	77/07	77/07

TABLE RD 1-207

STATION NUMBER 611900
40 45 28.0 082 29 53.0 2
ROCKY FK AT MANSFIELD - S.R. 39
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 023.30 027.20 014.00 10.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	19.8666	3.45312	22.2000	15.9000	78/08	79/06
CNDUCTVY	AT 25C	MICROMHO	4	888.250	50.1498	934.000	840.000	78/08	79/06
DO		MG/L	3	6.80000	2.12840	9.10000	4.90000	78/08	79/06
BOD	5 DAY	MG/L	2	11.3000	6.36397	15.8000	6.80000	78/08	79/03
COD	LOWLEVEL	MG/L	3	27.1667	6.33121	32.0000	20.0000	78/08	79/06
LAB	PH	SU	4	7.77499	.236514	8.10000	7.60000	78/08	79/06
RESIDUE	DISS-105	C MG/L	2	506.500	14.8492	517.000	496.000	79/03	79/06
RESIDUE	TOT NFLT	MG/L	4	15.0000	3.46410	18.0000	10.0000	78/08	79/06
NH3+NH4-	N TOTAL	MG/L	4	5.60750	1.60253	7.60000	4.17000	78/08	79/06
NO2-N	TOTAL	MG/L	4	.207500	.185719	.440000	.010000	78/08	79/06
NO3-N	TOTAL	MG/L	4	.902499	.506846	1.59000	.460000	78/08	79/06
TOT KJEL	N	MG/L	4	7.90000	2.55994	10.4000	4.50000	78/08	79/06
PHOS-TOT		MG/L P	4	1.74000	1.03734	2.83000	.440000	78/08	79/06
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	79/06	79/06
TOT HARD	CACO3	MG/L	3	277.000	29.7153	298.000	243.000	78/10	79/06
FLUORIDE	F,DISS	MG/L	1	.400000		.400000	.400000	79/06	79/06
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	78/08	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/08	79/06
CHROMIUM	HEX-VAL	UG/L	1	2320.00		2320.00	2320.00	79/03	79/03
CHROMIUM	CR,TOT	UG/L	4	1215.00	1056.80	2600.00	370.000	78/08	79/06
COPPER	CU,TOT	UG/L	4	1070.00	1690.46	3600.00	110.000	78/08	79/06
IRON	FE,TOT	UG/L	2	730.000	127.279	820.000	640.000	78/10	79/06
LEAD	PB,TOT	UG/L	4	14.0000	14.0238	35.0000	6.00000	78/08	79/06
MANGNESE	MN	UG/L	1	160.000		160.000	160.000	79/06	79/06
NICKEL	NI,TOTAL	UG/L	3	1333.33	305.506	1600.00	1000.00	78/10	79/06
ZINC	ZN,TOT	UG/L	4	85.0000	23.8048	110.000	60.0000	78/08	79/06
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	79/06	79/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	3	1966.67	1625.83	3400.00	200.000	78/08	79/03
PHENOLS	TOTAL	UG/L	2	10.5000	2.12132	12.0000	9.00000	78/10	79/06
MBAS		MG/L	1	.380000		.380000	.380000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/06

TABLE RD 1-208

STATION NUMBER 611800
40 40 21.0 081 15 36.0 2
SANDY CRK AT WAYNESBURG
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 070.50 017.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	15.5000		15.5000	15.5000	79/06	79/06
STREAM	FLOW	CFS	1	85.0000		85.0000	85.0000	79/06	79/06
CNDUCTVY	FIELD	MICROMHO	1	485.000		485.000	485.000	79/06	79/06
DO		MG/L	1	8.00000		8.00000	8.00000	79/06	79/06
COD	LOWLEVEL	MG/L	1	4.00000		4.00000	4.00000	79/06	79/06
PH		SU	1	7.50000		7.50000	7.50000	79/06	79/06
RESIDUE	DISS-105	C MG/L	1	389.000		389.000	389.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	79/06	79/06
NH3+NH4-	N TOTAL	MG/L	1	.130000		.130000	.130000	79/06	79/06
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	79/06	79/06
NO3-N	TOTAL	MG/L	1	.270000		.270000	.270000	79/06	79/06
TOT KJEL	N	MG/L	1	.300000		.300000	.300000	79/06	79/06
PHOS-TOT		MG/L P	1	.050000		.050000	.050000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	1	8300.00		8300.00	8300.00	79/06	79/06
FECSTREP	MF M-ENT	/100ML	1	1400.00		1400.00	1400.00	79/06	79/06
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	79/06	79/06

TABLE RD 1-209

STATION NUMBER 611830
40 53 22.0 081 36 00.0 2
TUSCARAWAS R AT CANAL FULTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 095.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	10.5000	6.36396	15.0000	6.00000	77/10	78/03
CNDUCTVY	FIELD	MICROMHO	2	1850.00	1626.35	3000.00	700.000	77/10	78/03
DO		MG/L	2	8.45000	1.34354	9.40000	7.50000	77/10	78/03
BOD	5 DAY	MG/L	2	3.95000	.212128	4.10000	3.80000	77/10	78/03
COD	LOWLEVEL	MG/L	2	16.0000	5.65685	20.0000	12.0000	77/10	78/03
PH		SU	1	6.50000		6.50000	6.50000	77/10	77/10
LAB	PH	SU	1	7.30000		7.30000	7.30000	78/03	78/03
RESIDUE	TOTAL	MG/L	1	2260.00		2260.00	2260.00	77/10	77/10
RESIDUE	DISS-105	C MG/L	2	1349.00	1047.93	2090.00	608.000	77/10	78/03
RESIDUE	TOT NFLT	MG/L	2	34.0000	5.65685	38.0000	30.0000	77/10	78/03
NH3+NH4-	N TOTAL	MG/L	2	1.15500	1.13844	1.96000	.350000	77/10	78/03
TOT KJEL	N	MG/L	1	.410000		.410000	.410000	78/03	78/03
PHOS-TOT		MG/L P	2	1.83000	1.90919	3.18000	.480000	77/10	78/03
PHOS-DIS		MG/L P	1	1.13000		1.13000	1.13000	78/03	78/03
T ORG C	C	MG/L	2	11.4500	2.05063	12.9000	10.0000	77/10	78/03
TOT HARD	CACO3	MG/L	2	581.500	450.427	900.000	263.000	77/10	78/03
CHLORIDE	CL	MG/L	2	644.500	615.890	1080.00	209.000	77/10	78/03
SULFATE	SO4-TOT	MG/L	1	130.000		130.000	130.000	77/10	77/10
FLUORIDE	F,DISS	MG/L	1	.310000		.310000	.310000	77/10	77/10
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/10	77/10
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/10	77/10
IRON	FE,TOT	UG/L	1	1540.00		1540.00	1540.00	77/10	77/10
LEAD	PB,TOT	UG/L	1	8.00000		8.00000	8.00000	77/10	77/10
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	77/10	77/10
ZINC	ZN,TOT	UG/L	1	50.0000		50.0000	50.0000	77/10	77/10
FEC COLI	MFM-FCBR	/100ML	2	29600.0	37335.2	56000.0	3200.00	77/10	78/03
FECSTREP	MF M-ENT	/100ML	2	4300.00	1414.21	5300.00	3300.00	77/10	78/03
PHENOLS	TOTAL	UG/L	2	37.0000	49.4975	72.0000	2.00000	77/10	78/03
MBAS		MG/L	2	.260000	.212132	.410000	.110000	77/10	78/03

TABLE RD 1-210

STATION NUMBER 611830
40 53 22.0 081 36 00.0 2
TUSCARAWAS R AT CANAL FULTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 095.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	23.0000	1.41421	24.0000	22.0000	78/08	79/06
CNDUCTVY	FIELD	MICROMHO	2	3500.00	1343.50	4450.00	2550.00	78/08	79/06
DO		MG/L	2	4.20000	.848529	4.80000	3.60000	78/08	79/06
COD	LOWLEVEL	MG/L	2	20.0000	1.41421	21.0000	19.0000	78/08	79/06
PH		SU	2	7.80000	.000000	7.80000	7.80000	78/08	79/06
RESIDUE	DISS-105	C MG/L	1	2128.00		2128.00	2128.00	79/06	79/06
RESIDUE	TOT NFLT	MG/L	2	41.0000	1.41421	42.0000	40.0000	78/08	79/06
NH3+NH4-	N TOTAL	MG/L	2	1.61500	.021261	1.63000	1.60000	78/08	79/06
NO2-N	TOTAL	MG/L	2	.235000	.007072	.240000	.230000	78/08	79/06
NO3-N	TOTAL	MG/L	2	.505000	.148495	.610000	.400000	78/08	79/06
TOT KJEL	N	MG/L	2	2.91500	.120208	3.00000	2.83000	78/08	79/06
PHOS-TOT		MG/L P	2	.270000	.240416	.440000	.100000	78/08	79/06
TOT HARD	CACO3	MG/L	1	1120.00		1120.00	1120.00	78/08	78/08
CHLORIDE	CL	MG/L	1	1400.00		1400.00	1400.00	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	2030.00		2030.00	2030.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	26.0000		26.0000	26.0000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	2	220500	296278	430000	11000.0	78/08	79/06
FECSTREP	MF M-ENT	/100ML	2	339.000	354.968	590.000	88.0000	78/08	79/06
PHENOLS	TOTAL	UG/L	2	8.50000	9.19239	15.0000	2.00000	78/08	79/06
MBAS		MG/L	2	.370000	.169706	.490000	.250000	78/08	79/06
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-211

STATION NUMBER 611840
40 47 16.0 081 31 23.0 2
TUSCARAWAS R. AT MASSILLON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 088.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	6	9.95000	8.44127	23.5000	.200000	77/08	78/04
CNDUCTVY	FIELD	MICROMHO	6	1408.33	874.310	2650.00	100.000	77/08	78/04
DO		MG/L	5	7.14000	1.55823	9.10000	5.20000	77/08	78/04
BOD	5 DAY	MG/L	4	5.15000	1.76163	7.60000	3.60000	77/08	78/04
COD	LOWLEVEL	MG/L	6	22.1667	8.99818	37.0000	12.0000	77/08	78/04
PH		SU	5	6.60000	.071148	6.70000	6.50000	77/08	78/03
LAB	PH	SU	1	7.50000		7.50000	7.50000	78/04	78/04
T ALK	CACO3	MG/L	2	175.000	7.07107	180.000	170.000	77/08	77/11
T ACDITY	CACO3	MG/L	2	11.0000	1.41421	12.0000	10.0000	77/08	77/11
RESIDUE	TOTAL	MG/L	3	1666.67	204.296	1900.00	1520.00	77/08	77/11
RESIDUE	DISS-105	C MG/L	6	1236.00	410.141	1810.00	720.000	77/08	78/04
RESIDUE	TOT NFLT	MG/L	6	49.3333	47.5675	126.000	10.0000	77/08	78/04
NH3+NH4-	N TOTAL	MG/L	6	1.06000	.548926	1.96000	.400000	77/08	78/04
NO2-N	TOTAL	MG/L	3	.043333	.015275	.060000	.030000	78/01	78/04
NO3-N	TOTAL	MG/L	3	1.36667	.662899	2.10000	.810000	78/01	78/04
TOT KJEL	N	MG/L	4	2.70000	1.51877	4.80000	1.40000	77/08	78/04
PHOS-TOT		MG/L P	6	.698333	.942474	2.57000	.090000	77/08	78/04
T ORG C	C	MG/L	5	11.4000	5.36657	20.0000	6.00000	77/08	78/03
TOT HARD	CACO3	MG/L	5	452.600	136.171	628.000	324.000	77/08	78/04
CALCIUM	CA-TOT	MG/L	1	235.000		235.000	235.000	77/08	77/08
SODIUM	NA,TOT	MG/L	1	308.000		308.000	308.000	77/08	77/08
CHLORIDE	CL	MG/L	6	523.166	205.914	770.000	280.000	77/08	78/04
SULFATE	SO4-TOT	MG/L	1	108.000		108.000	108.000	77/10	77/10
FLUORIDE	F,DISS	MG/L	5	.224000	.041595	.270000	.160000	77/08	78/04
ARSENIC	AS,TOT	UG/L	3	13.3333	2.88678	15.0000	10.0000	77/08	77/11
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	2	17.5000	17.6777	30.0000	5.00000	77/08	78/04
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/10	78/04
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/10	78/04
IRON	FE,TOT	UG/L	6	2456.67	1846.00	4800.00	930.000	77/08	78/04
LEAD	PB,TOT	UG/L	6	29.6667	22.0877	72.0000	10.0000	77/08	78/04
MANGNESE	MN	UG/L	1	380.000		380.000	380.000	77/08	77/08
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	77/10	78/04
ZINC	ZN,TOT	UG/L	5	78.0000	37.0135	130.000	30.0000	77/08	78/04
ALUMINUM	AL,TOT	UG/L	1	1300.00		1300.00	1300.00	77/11	77/11
FEC COLI	MFM-FCBR	/100ML	5	27660.0	23224.5	53000.0	8300.00	77/08	78/04
FECSTREP	MF M-ENT	/100ML	5	13840.0	15672.5	31000.0	1600.00	77/08	78/04
PHENOLS	TOTAL	UG/L	6	16.8333	10.6662	32.0000	3.00000	77/08	78/04
MBAS		MG/L	5	.226000	.037816	.270000	.170000	77/08	78/04
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	78/03	78/03
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/04	78/04

TABLE RD 1-212

STATION NUMBER 611840
40 47 16.0 081 31 23.0 2
TUSCARAWAS R. AT MASSILLON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 088.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	10.4750	10.9183	24.0000	.200000	78/07	79/05
CNDUCTVY	FIELD	MICROMHO	3	2391.67	613.443	3100.00	2035.00	78/07	79/05
DO		MG/L	4	7.27500	1.34506	9.10000	6.00000	78/07	79/05
COD	LOWLEVEL	MG/L	4	16.9750	1.43860	19.0000	15.9000	78/07	79/05
PH		SU	4	7.97499	.096293	8.10000	7.90000	78/07	79/05
RESIDUE	DISS-105	C MG/L	3	1926.67	349.625	2330.00	1710.00	78/07	79/05
RESIDUE	TOT NFLT	MG/L	4	12.0000	2.44949	15.0000	10.0000	78/07	79/05
NH3+NH4-	N TOTAL	MG/L	4	.884999	.495950	1.49000	.450000	78/07	79/05
NO2-N	TOTAL	MG/L	4	.117500	.110265	.280000	.040000	78/07	79/05
NO3-N	TOTAL	MG/L	4	1.21000	.619409	1.99000	.650000	78/07	79/05
TOT KJEL	N	MG/L	4	1.65000	.465474	2.30000	1.20000	78/07	79/05
PHOS-TOT		MG/L P	4	.277500	.115000	.420000	.170000	78/07	79/05
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	78/11	79/05
TOT HARD	CACO3	MG/L	4	635.000	211.066	894.000	445.000	78/07	79/05
CHLORIDE	CL	MG/L	3	687.333	223.701	880.000	442.000	78/07	79/01
FLUORIDE	F,DISS	MG/L	3	.263333	.061101	.330000	.210000	78/07	79/01
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/07	79/05
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/05
IRON	FE,TOT	UG/L	4	675.000	250.400	930.000	360.000	78/07	79/05
LEAD	PB,TOT	UG/L	4	43.7500	70.8913	150.000	5.00000	78/07	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/07	79/05
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/05
FEC COLI	MFM-FCBR	/100ML	3	6266.66	1800.94	7500.00	4200.00	78/11	79/05
FECSTREP	MF M-ENT	/100ML	3	5566.66	4670.48	9700.00	500.000	78/11	79/05
PHENOLS	TOTAL	UG/L	4	7.50000	4.79583	13.0000	3.00000	78/07	79/05
MBAS		MG/L	2	.175000	.176777	.300000	.050000	78/07	78/11
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/07	79/05

TABLE RD 1-213

STATION NUMBER 601930
40 45 08.0 081 31 45.0 2
TUSCARAWAS R AT MASSILLON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 085.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	17	12.0412	8.80150	24.0000	.200000	77/01	78/06
STREAM	FLOW	CFS	4	478.500	195.737	657.000	217.000	78/01	78/06
TURB	JKSN	JTU	9	18.2555	14.8359	54.0000	5.30000	77/01	77/09
CNDUCTVY	FIELD	MICROMHO	14	1767.86	661.250	3000.00	850.000	77/03	78/06
CNDUCTVY	AT 25C	MICROMHO	6	2631.00	1146.30	4500.00	1471.00	77/01	77/08
DO		MG/L	16	7.06874	2.14841	10.6000	3.30000	77/02	78/06
BOD	5 DAY	MG/L	13	10.0385	19.5482	75.0000	2.40000	77/01	78/05
COD	LOWLEVEL	MG/L	17	23.1588	10.2197	44.0000	8.00000	77/01	78/06
PH		SU	14	6.93214	.405533	7.80000	6.30000	77/01	78/06
LAB	PH	SU	8	7.53749	.266935	7.90000	7.10000	77/02	78/05
T ALK	CACO3	MG/L	5	177.400	25.6479	202.000	139.000	77/01	77/11
T ACDITY	CACO3	MG/L	4	7.25000	3.77492	10.0000	2.00000	77/01	77/11
RESIDUE	TOTAL	MG/L	10	1697.40	479.935	2453.00	1140.00	77/01	77/11
RESIDUE	DISS-105	C MG/L	17	1314.76	601.139	2482.00	41.0000	77/01	78/06
RESIDUE	TOT NFLT	MG/L	17	138.647	421.715	1772.00	13.0000	77/01	78/06
OIL-GRSE	TOT-SXLT	MG/L	5	5.60000	1.34165	8.00000	5.00000	77/01	78/03
NH3+NH4-	N TOTAL	MG/L	17	1.83058	1.09382	5.15000	.860000	77/01	78/06
NO2-N	TOTAL	MG/L	15	.149333	.093996	.300000	.040000	77/01	78/06
NO3-N	TOTAL	MG/L	15	2.08799	.580868	3.56000	1.33000	77/01	78/06
TOT KJEL	N	MG/L	14	3.58571	2.68267	12.3000	1.80000	77/01	78/06
PHOS-TOT		MG/L P	17	.612941	.479489	2.16000	.050000	77/01	78/06
PHOS-DIS		MG/L P	1	.090000		.090000	.090000	77/10	77/10
T ORG C	C	MG/L	14	14.8571	10.3690	46.0000	4.00000	77/01	78/03
CYANIDE	CN-TOT	MG/L	12	.010000	.000008	.010000	.010000	77/01	78/04
TOT HARD	CACO3	MG/L	14	474.000	211.399	860.000	46.0000	77/01	78/06
CALCIUM	CA-TOT	MG/L	3	214.667	61.2321	284.000	168.000	77/01	77/07
MGNSIUM	MG,TOT	MG/L	3	23.3333	5.50761	29.0000	18.0000	77/01	77/07
SODIUM	NA,TOT	MG/L	3	298.000	125.108	380.000	154.000	77/01	77/07
PTSSIUM	K,TOT	MG/L	3	7.03333	1.59482	8.10000	5.20000	77/01	77/07
CHLORIDE	CL	MG/L	17	613.706	293.297	1180.00	274.000	77/01	78/06
SULFATE	SO4-TOT	MG/L	8	125.750	32.3805	184.000	88.0000	77/01	77/10
FLUORIDE	F,DISS	MG/L	14	.642142	.326972	1.47000	.270000	77/01	78/06

TABLE RD 1-213 (Continued)

STATION NUMBER 601930
40 45 08.0 081 31 45.0 2
TUSCARAWAS R AT MASSILLON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 085.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	6	10.5000	.836660	12.0000	10.0000	77/01	78/03
BARIUM	BA,TOT	UG/L	3	233.333	57.7354	300.000	200.000	77/01	77/07
CADMIUM	CD,TOT	UG/L	6	5.00000	.000000	5.00000	5.00000	77/01	78/06
CHROMIUM	HEX-VAL	UG/L	3	30.0000	.000000	30.0000	30.0000	77/01	77/07
CHROMIUM	CR,TOT	UG/L	7	67.1428	28.7021	110.000	30.0000	77/01	78/06
COPPER	CU,TOT	UG/L	8	36.2500	11.8773	60.0000	30.0000	77/01	78/06
IRON	FE,TOT	UG/L	9	1752.67	992.918	3600.00	144.000	77/04	78/06
LEAD	PB,TOT	UG/L	9	21.0000	21.2250	75.0000	5.00000	77/01	78/06
MANGNESE	MN	UG/L	4	380.000	83.6660	450.000	260.000	77/01	78/03
NICKEL	NI,TOTAL	UG/L	6	100.000	.000000	100.000	100.000	77/10	78/06
SILVER	AG,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/01	77/07
ZINC	ZN,TOT	UG/L	9	66.6667	33.5411	120.000	30.0000	77/01	78/06
ALUMINUM	AL,TOT	UG/L	1	800.000		800.000	800.000	77/11	77/11
SELENIUM	SE,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/01	77/07
FEC COLI	MFM-FCBR	/100ML	12	7781.66	8986.30	32000.0	980.000	77/01	78/05
FECSTREP	MF M-ENT	/100ML	9	5641.11	8187.99	26000.0	320.000	77/01	78/05
PHENOLS	TOTAL	UG/L	17	28.8235	27.2540	95.0000	2.00000	77/01	78/06
MBAS		MG/L	16	.280625	.102663	.560000	.160000	77/01	78/05
PCBS	WHL SMPL	UG/L	2	1.40000	1.27279	2.30000	.500000	78/01	78/03
MERCURY	HG,TOTAL	UG/L	6	1.25000	1.83712	5.00000	.500000	77/01	78/06

TABLE RD 1-214

STATION NUMBER 601930
40 45 08.0 081 31 45.0 2
TUSCARAWAS R AT MASSILLON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 085.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	11.1667	9.25236	24.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	12	765.750	1029.60	3615.00	219.000	78/08	79/06
CNDUCTVY	FIELD	MICROMHO	12	1691.67	1013.61	3000.00	281.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	650.000		650.000	650.000	79/04	79/04
DO		MG/L	12	8.80000	1.97207	11.5000	4.90000	78/07	79/06
COD	LOWLEVEL	MG/L	13	23.3769	7.81760	35.0000	6.00000	78/07	79/06
PH		SU	12	7.72500	.292734	8.40000	7.30000	78/07	79/06
LAB	PH	SU	3	7.86666	.208463	8.10000	7.70000	79/02	79/04
RESIDUE	TOTAL	MG/L	3	708.000	410.015	1176.00	412.000	79/02	79/04
RESIDUE	DISS-105	C MG/L	7	1221.71	672.659	2150.00	320.000	78/09	79/06
RESIDUE	TOT NFLT	MG/L	12	34.5000	34.3021	125.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	1.79250	.972480	3.63000	.230000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.246666	.248754	.820000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	2.64999	.533363	3.46000	1.52000	78/07	79/06
TOT KJEL	N	MG/L	12	3.04999	1.12454	4.50000	1.30000	78/07	79/06
PHOS-TOT		MG/L P	12	.565000	.405720	1.49000	.130000	78/07	79/06
CYANIDE	CN-TOT	MG/L	10	.010000	.000007	.010000	.010000	78/09	79/06
TOT HARD	CACO3	MG/L	4	526.750	274.311	815.000	176.000	78/07	79/05
CHLORIDE	CL	MG/L	8	561.250	337.746	980.000	92.0000	78/07	79/06
FLUORIDE	F,DISS	MG/L	11	.960000	.698742	2.70000	.240000	78/07	79/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	79/03	79/03
CADMIUM	CD,TOT	UG/L	6	5.00000	.000000	5.00000	5.00000	78/07	79/05
CHROMIUM	CR,TOT	UG/L	6	78.3333	37.1035	130.000	30.0000	78/07	79/05
COPPER	CU,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	78/07	79/05
IRON	FE,TOT	UG/L	9	2322.22	2085.14	6950.00	500.000	78/07	79/05
LEAD	PB,TOT	UG/L	6	18.1667	6.61567	27.0000	12.0000	78/07	79/05
NICKEL	NI,TOTAL	UG/L	6	116.667	40.8249	200.000	100.000	78/07	79/05
ZINC	ZN,TOT	UG/L	6	36.6667	12.1107	60.0000	30.0000	78/07	79/05
FEC COLI	MFM-FCBR	/100ML	9	2717.78	1864.04	6500.00	540.000	78/08	79/06
FECSTREP	MF M-ENT	/100ML	8	72263.7	185541	530000	180.000	78/08	79/06
PHENOLS	TOTAL	UG/L	12	10.8333	9.89797	29.0000	2.00000	78/07	79/06
MBAS		MG/L	3	.266667	.145717	.370000	.100000	78/09	79/04
PCBS	WHL SMPL	UG/L	2	.500000	.000000	.500000	.500000	78/07	79/01
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/07	79/05

TABLE RD 1-215

STATION NUMBER 611790
40 15 41.0 081 36 33.0 2
TUSCARAWAS R AT NEWCOMERSTOWN
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 021.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	8.35714	7.63061	18.5000	.000000	77/10	78/06
STREAM	FLOW	CFS	8	3762.12	2510.32	7137.00	1308.00	77/10	78/06
CNDUCTVY	FIELD	MICROMHO	1	1220.00		1220.00	1220.00	77/10	77/10
CNDUCTVY	AT 25C	MICROMHO	7	876.714	374.617	1580.00	458.000	77/12	78/06
DO		MG/L	5	9.33999	2.57161	12.1000	5.60000	77/10	78/06
BOD	5 DAY	MG/L	2	3.50000	1.27279	4.40000	2.60000	78/01	78/03
COD	LOWLEVEL	MG/L	7	12.1429	6.89030	23.0000	.000000	77/10	78/06
PH		SU	3	7.66667	.288798	8.00000	7.50000	78/02	78/06
LAB	PH	SU	5	7.30000	.339282	7.70000	6.90000	77/10	78/04
RESIDUE	TOTAL	MG/L	2	587.000	65.0538	633.000	541.000	78/01	78/03
RESIDUE	DISS-105	C MG/L	1	595.000		595.000	595.000	78/03	78/03
RESIDUE	TOT NFLT	MG/L	8	31.2500	20.1406	67.0000	7.00000	77/10	78/06
NH3+NH4-	N TOTAL	MG/L	6	.405000	.434223	1.27000	.130000	77/12	78/06
NO2-N	TOTAL	MG/L	8	.042500	.014881	.060000	.020000	77/10	78/06
NO3-N	TOTAL	MG/L	8	1.57875	.394766	2.34000	1.19000	77/10	78/06
TOT KJEL	N	MG/L	8	.800000	.430946	1.70000	.400000	77/10	78/06
PHOS-TOT		MG/L P	8	.850000	1.15028	3.09000	.050000	77/10	78/06
TOT HARD	CACO3	MG/L	1	290.000		290.000	290.000	78/05	78/05
CHLORIDE	CL	MG/L	8	102.500	45.8694	170.000	55.0000	77/10	78/06
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/05
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/05
COPPER	CU,TOT	UG/L	2	35.0000	7.07107	40.0000	30.0000	78/03	78/05
IRON	FE,TOT	UG/L	2	4005.00	3104.20	6200.00	1810.00	78/03	78/05
LEAD	PB,TOT	UG/L	2	13.5000	6.36396	18.0000	9.00000	78/03	78/05
MANGNESE	MN	UG/L	2	1325.00	35.3553	1350.00	1300.00	78/03	78/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/05
ZINC	ZN,TOT	UG/L	2	485.000	586.899	900.000	70.0000	78/03	78/05
ALUMINUM	AL,TOT	UG/L	1	500.000		500.000	500.000	78/03	78/03
FEC COLI	MFM-FCBR	/100ML	7	2174.29	1608.30	5000.00	320.000	77/10	78/06
PHENOLS	TOTAL	UG/L	8	6.00000	5.90399	19.0000	2.00000	77/10	78/06
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/05

TABLE RD 1-216

STATION NUMBER 611790
40 15 41.0 081 36 33.0 2
TUSCARAWAS R AT NEWCOMERSTOWN
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 021.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	11.7273	9.10045	23.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	8	3351.12	3687.82	9372.00	694.000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	5	1670.00	1608.79	4500.00	520.000	78/07	79/04
CNDUCTVY	AT 25C	MICROMHO	8	870.750	370.490	1520.00	417.000	78/08	79/06
DO		MG/L	10	8.91999	1.52010	12.4000	7.40000	78/07	79/06
BOD	5 DAY	MG/L	2	8.00000	.000000	8.00000	8.00000	78/11	79/02
COD	LOWLEVEL	MG/L	12	10.9167	4.98103	22.0000	4.00000	78/07	79/06
PH		SU	10	7.57999	.293659	8.10000	7.20000	78/07	79/06
LAB	PH	SU	2	7.36500	.615194	7.80000	6.93000	78/11	78/12
T ALK	CACO3	MG/L	4	76.7500	43.5536	122.000	37.0000	78/11	79/06
RESIDUE	TOTAL	MG/L	3	568.000	130.985	692.000	431.000	78/11	79/05
RESIDUE	DISS-105	C MG/L	3	474.000	173.139	602.000	277.000	78/11	79/05
RESIDUE	TOT NFLT	MG/L	11	46.2727	42.0764	137.000	13.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.152500	.108303	.400000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.081818	.195695	.670000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.59666	.405248	2.68000	1.17000	78/07	79/06
TOT KJEL	N	MG/L	12	.708333	.250303	1.20000	.400000	78/07	79/06
PHOS-TOT		MG/L P	12	.175833	.153295	.460000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	4	310.500	139.278	455.000	121.000	78/08	79/05
CHLORIDE	CL	MG/L	11	97.7273	80.0139	237.000	16.0000	78/07	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	4	177.500	295.000	620.000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	4	2767.50	2948.91	7100.00	540.000	78/08	79/05
LEAD	PB,TOT	UG/L	4	28.5000	24.9065	64.0000	7.00000	78/08	79/05
MANGNESE	MN	UG/L	4	617.500	172.119	840.000	450.000	78/08	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	78/08	79/05
FEC COLI	MFM-FCBR	/100ML	11	2487.27	1970.98	7000.00	110.000	78/07	79/06
PHENOLS	TOTAL	UG/L	11	3.54545	1.69491	7.00000	2.00000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-217

STATION NUMBER 601910
40 20 29.0 082 03 56.0 2
WALHONDING R AT NELLIE BL DAM
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 014.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	12.4444	9.98263	26.5000	.000000	77/07	78/06
STREAM	FLOW	CFS	8	2757.37	2797.50	7479.00	402.000	77/10	78/06
TURB	JKSN	JTU	3	19.6667	6.80691	25.0000	12.0000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	3	416.666	41.6361	450.000	370.000	77/07	77/10
CNDUCTVY	AT 25C	MICROMHO	6	401.666	100.435	537.000	273.000	77/12	78/06
DO		MG/L	10	9.32000	2.79436	13.4000	5.20000	77/07	78/06
BOD	5 DAY	MG/L	4	1.90000	.752770	3.00000	1.30000	77/07	78/01
COD	LOWLEVEL	MG/L	11	13.9091	6.26825	28.0000	8.00000	77/07	78/06
PH		SU	5	7.60000	.600039	8.50000	6.90000	77/07	78/06
LAB	PH	SU	8	7.46124	.236670	7.79000	7.20000	77/08	78/04
T ALK	CACO3	MG/L	1	274.000		274.000	274.000	77/07	77/07
T ACDITY	CACO3	MG/L	1	10.0000		10.0000	10.0000	77/07	77/07
RESIDUE	TOTAL	MG/L	4	318.250	58.7161	353.000	231.000	77/07	78/01
RESIDUE	DISS-105	C MG/L	3	285.000	23.0651	307.000	261.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	11	28.6363	17.3912	60.0000	10.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/07	77/07
NH3+NH4-	N TOTAL	MG/L	10	.170000	.140555	.440000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	11	.020000	.011832	.040000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	11	1.73727	.675430	2.86000	.920000	77/07	78/06
TOT KJEL	N	MG/L	11	.759091	.442051	1.70000	.050000	77/07	78/06
PHOS-TOT		MG/L P	11	.240000	.145121	.560000	.050000	77/07	78/06
T ORG C	C	MG/L	2	4.00000	1.41421	5.00000	3.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	4	206.250	28.7446	231.000	172.000	77/07	78/05
CALCIUM	CA-TOT	MG/L	1	55.0000		55.0000	55.0000	77/07	77/07
MGNSIUM	MG,TOT	MG/L	1	17.0000		17.0000	17.0000	77/07	77/07
SODIUM	NA,TOT	MG/L	1	15.0000		15.0000	15.0000	77/07	77/07
PTSSIUM	K,TOT	MG/L	1	2.90000		2.90000	2.90000	77/07	77/07
CHLORIDE	CL	MG/L	3	25.0000	3.00000	28.0000	22.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	2	51.0000	7.07107	56.0000	46.0000	77/07	77/09
FLUORIDE	F,DISS	MG/L	1	.360000		.360000	.360000	77/07	77/07

TABLE RD 1-217 (Continued)

STATION NUMBER 601910
40 20 29.0 082 03 56.0 2
WALHONDING R AT NELLIE BL DAM
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 014.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/07	77/07
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/07	77/07
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/07	78/05
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
CHROMIUM	CR,TOT	UG/L	3	53.3333	40.4145	100.000	30.0000	77/07	78/05
COPPER	CU,TOT	UG/L	3	40.0000	10.0000	50.0000	30.0000	77/07	78/05
IRON	FE,TOT	UG/L	3	1500.00	903.549	2300.00	520.000	77/07	78/05
LEAD	PB,TOT	UG/L	3	8.66667	2.08168	11.0000	7.00000	77/07	78/05
MANGNESE	MN	UG/L	3	88.0000	65.8179	140.000	14.0000	77/07	78/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/05
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
ZINC	ZN,TOT	UG/L	3	43.3333	11.5471	50.0000	30.0000	77/07	78/05
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	78/03	78/03
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
FEC COLI	MFM-FCBR	/100ML	10	415.900	562.500	1800.00	45.0000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	2	730.000	664.680	1200.00	260.000	77/08	77/09
PHENOLS	TOTAL	UG/L	5	2.00000	.000000	2.00000	2.00000	77/07	78/06
MBAS		MG/L	3	.076667	.030551	.110000	.050000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	77/07	78/05

TABLE RD 1-218

STATION NUMBER 601910
40 20 29.0 082 03 56.0 2
WALHONDING R AT NELLIE BL DAM
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 014.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	12.5909	8.57560	23.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	11	2233.09	2726.06	8497.00	262.000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	9	359.333	105.408	510.000	200.000	78/07	79/05
CNDUCTVY	AT 25C	MICROMHO	4	357.500	69.1496	449.000	302.000	79/02	79/06
DO		MG/L	9	9.37777	2.26209	13.0000	6.40000	78/07	79/06
BOD	5 DAY	MG/L	1	4.00000		4.00000	4.00000	78/11	78/11
COD	LOWLEVEL	MG/L	12	12.1667	5.70221	26.0000	4.00000	78/07	79/06
PH		SU	11	7.94545	.304507	8.40000	7.40000	78/07	79/06
T ALK	CACO3	MG/L	1	161.000		161.000	161.000	78/11	78/11
RESIDUE	TOTAL	MG/L	1	351.000		351.000	351.000	78/11	78/11
RESIDUE	DISS-105	C MG/L	4	210.750	67.1683	308.000	160.000	78/11	79/04
RESIDUE	TOT NFLT	MG/L	12	38.2500	42.4138	139.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.104166	.082733	.270000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.020000	.011282	.040000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.98166	.780746	3.19000	.820000	78/07	79/06
TOT KJEL	N	MG/L	12	.683333	.348590	1.30000	.300000	78/07	79/06
PHOS-TOT		MG/L P	12	.155000	.096248	.370000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	4	188.250	64.3759	238.000	96.0000	78/08	79/05
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	3	40.0000	17.3205	60.0000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	3	1710.00	1983.25	4000.00	550.000	78/08	79/02
LEAD	PB,TOT	UG/L	4	7.25000	3.30404	12.0000	5.00000	78/08	79/05
MANGNESE	MN	UG/L	3	70.0000	34.6410	110.000	50.0000	78/08	79/02
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
FEC COLI	MFM-FCBR	/100ML	10	1782.60	3631.56	12000.0	10.0000	78/07	79/05
PHENOLS	TOTAL	UG/L	4	2.75000	1.50000	5.00000	2.00000	78/07	79/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-219

STATION NUMBER 611760
40 02 43.0 081 34 33.0 2
WILLS CRK BL CAMBRIDGE
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 099.40 054.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	17.0000	11.4891	24.0000	.000000	77/07	78/02
STREAM	FLOW	CFS	4	400.500	440.379	998.000	27.0000	77/07	78/02
TURB	JKSN	JTU	3	40.6667	28.8849	74.0000	23.0000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	1	430.000		430.000	430.000	77/08	77/08
CNDUCTVY	AT 25C	MICROMHO	2	757.000	272.943	950.000	564.000	77/07	77/09
DO		MG/L	4	7.27500	3.97607	13.2000	4.70000	77/07	78/02
BOD	5 DAY	MG/L	4	3.10000	1.28841	5.00000	2.30000	77/07	78/02
COD	LOWLEVEL	MG/L	4	19.7500	16.2558	42.0000	3.00000	77/07	78/02
PH		SU	2	6.95000	.212128	7.10000	6.80000	77/07	77/08
LAB	PH	SU	3	7.27000	.407141	7.51000	6.80000	77/07	78/02
T ALK	CACO3	MG/L	2	104.500	41.7193	134.000	75.0000	77/07	77/09
T ACDITY	CACO3	MG/L	1	4.00000		4.00000	4.00000	77/07	77/07
RESIDUE	TOTAL	MG/L	3	528.000	106.226	650.000	456.000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	424.333	139.030	577.000	305.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	4	69.2500	66.3545	161.000	7.00000	77/07	78/02
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/07	77/07
NH3+NH4-	N TOTAL	MG/L	3	.406666	.315648	.650000	.050000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.046667	.032146	.070000	.010000	77/07	77/09
NO3-N	TOTAL	MG/L	3	.730000	.431393	1.14000	.280000	77/07	77/09
TOT KJEL	N	MG/L	3	1.10000	.264575	1.30000	.800000	77/07	77/09
PHOS-TOT		MG/L P	3	.353333	.255017	.610000	.100000	77/07	77/09
T ORG C	C	MG/L	3	10.3333	6.42911	15.0000	3.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	2	220.500	24.7487	238.000	203.000	77/07	77/08
CALCIUM	CA-TOT	MG/L	1	73.0000		73.0000	73.0000	77/07	77/07
MGNSIUM	MG,TOT	MG/L	1	24.0000		24.0000	24.0000	77/07	77/07
SODIUM	NA,TOT	MG/L	1	30.0000		30.0000	30.0000	77/07	77/07
PTSSIUM	K,TOT	MG/L	1	4.00000		4.00000	4.00000	77/07	77/07
CHLORIDE	CL	MG/L	3	27.6667	9.50443	37.0000	18.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	3	164.667	59.0117	223.000	105.000	77/07	77/09

TABLE RD 1-219 (Continued)

STATION NUMBER 611760
40 02 43.0 081 34 33.0 2
WILLS CRK BL CAMBRIDGE
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 099.40 054.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/07	77/07
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/07	77/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
IRON	FE,TOT	UG/L	1	6100.00		6100.00	6100.00	77/07	77/07
LEAD	PB,TOT	UG/L	1	16.0000		16.0000	16.0000	77/07	77/07
MANGNESE	MN	UG/L	1	720.000		720.000	720.000	77/07	77/07
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
ZINC	ZN,TOT	UG/L	1	40.0000		40.0000	40.0000	77/07	77/07
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
FEC COLI	MFM-FCBR	/100ML	4	1272.50	966.277	2200.00	300.000	77/07	78/02
FECSTREP	MF M-ENT	/100ML	3	763.333	516.366	1300.00	270.000	77/07	77/09
PHENOLS	TOTAL	UG/L	3	2.33333	.577352	3.00000	2.00000	77/07	77/09
MBAS		MG/L	3	.086667	.025166	.110000	.060000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	77/07	77/07

TABLE RD 1-220

STATION NUMBER 611760
40 02 43.0 081 34 33.0 2
WILLS CRK BL CAMBRIDGE
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 099.40 054.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	25.0000		25.0000	25.0000	78/08	78/08
STREAM	FLOW	CFS	1	15.0000		15.0000	15.0000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	991.000		991.000	991.000	78/08	78/08
DO		MG/L	1	2.60000		2.60000	2.60000	78/08	78/08
COD	LOWLEVEL	MG/L	2	18.5000	4.94975	22.0000	15.0000	78/08	78/10
PH		SU	1	7.70000		7.70000	7.70000	78/08	78/08
RESIDUE	DISS-105	C MG/L	2	828.500	214.255	980.000	677.000	78/08	78/10
RESIDUE	TOT NFLT	MG/L	2	35.5000	24.7487	53.0000	18.0000	78/08	78/10
NH3+NH4-	N TOTAL	MG/L	2	.669999	.650538	1.13000	.210000	78/08	78/10
TOT HARD	CACO3	MG/L	2	449.000	98.9949	519.000	379.000	78/08	78/10
SULFATE	SO4-TOT	MG/L	1	296.000		296.000	296.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/08	78/10
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	78/10
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	78/10
IRON	FE,TOT	UG/L	1	620.000		620.000	620.000	78/10	78/10
LEAD	PB,TOT	UG/L	2	24.0000	26.8701	43.0000	5.00000	78/08	78/10
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/08	78/10
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	78/10
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	78/08	78/10
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/08	78/10

TABLE RD 1-221

STATION NUMBER 611770
40 09 34.0 081 50 51.0 2
WILLS CRK BL WILLS CRK DAM
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 099.40 006.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	23.8333	2.02083	26.0000	22.0000	77/07	77/09
TURB	JKSN	JTU	3	49.6667	39.5264	90.0000	11.0000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	1	465.000		465.000	465.000	77/08	77/08
CNDUCTVY	AT 25C	MICROMHO	1	700.000		700.000	700.000	77/09	77/09
DO		MG/L	3	7.80000	.009568	7.80000	7.80000	77/07	77/09
BOD	5 DAY	MG/L	3	2.33333	.503323	2.80000	1.80000	77/07	77/09
COD	LOWLEVEL	MG/L	3	18.6667	6.11015	24.0000	12.0000	77/07	77/09
PH		SU	2	7.30000	.424273	7.60000	7.00000	77/07	77/08
LAB	PH	SU	2	7.20000	.424255	7.50000	6.90000	77/07	77/09
T ALK	CACO3	MG/L	2	104.500	9.19239	111.000	98.0000	77/07	77/09
T ACDITY	CACO3	MG/L	1	6.00000		6.00000	6.00000	77/07	77/07
RESIDUE	TOTAL	MG/L	3	519.000	95.5981	617.000	426.000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	403.333	66.2151	456.000	329.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	85.6667	66.9055	158.000	26.0000	77/07	77/09
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/07	77/07
NH3+NH4-	N TOTAL	MG/L	3	.116667	.115470	.250000	.050000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.050000	.052915	.110000	.010000	77/07	77/09
NO3-N	TOTAL	MG/L	3	.406666	.337097	.720000	.050000	77/07	77/09
TOT KJEL	N	MG/L	3	.300000	.173205	.400000	.100000	77/07	77/09
PHOS-TOT		MG/L P	3	.096667	.064291	.170000	.050000	77/07	77/09
T ORG C	C	MG/L	3	8.66667	3.21456	11.0000	5.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	2	227.500	37.4766	254.000	201.000	77/07	77/08
CALCIUM	CA-TOT	MG/L	1	65.0000		65.0000	65.0000	77/07	77/07
MGNSIUM	MG,TOT	MG/L	1	21.0000		21.0000	21.0000	77/07	77/07
SODIUM	NA,TOT	MG/L	1	22.0000		22.0000	22.0000	77/07	77/07
PTSSIUM	K,TOT	MG/L	1	3.20000		3.20000	3.20000	77/07	77/07
CHLORIDE	CL	MG/L	3	25.6667	5.50765	31.0000	20.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	3	154.333	31.5337	185.000	122.000	77/07	77/09
FLUORIDE	F,DISS	MG/L	1	.630000		.630000	.630000	77/07	77/07

TABLE RD 1-221

STATION NUMBER 611770
40 09 34.0 081 50 51.0 2
WILLS CRK BL WILLS CRK DAM
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 099.40 006.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/07	77/07
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/07	77/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
IRON	FE,TOT	UG/L	1	2320.00		2320.00	2320.00	77/07	77/07
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
MANGNESE	MN	UG/L	1	970.000		970.000	970.000	77/07	77/07
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/07	77/07
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/07	77/07
FEC COLI	MFM-FCBR	/100ML	2	341.500	436.285	650.000	33.0000	77/08	77/09
FECSTREP	MF M-ENT	/100ML	3	613.333	690.097	1400.00	110.000	77/07	77/09
PHENOLS	TOTAL	UG/L	3	2.00000	.000000	2.00000	2.00000	77/07	77/09
MBAS		MG/L	3	.096667	.046188	.150000	.070000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	77/07	77/07

TABLE RD 1-222

STATION NUMBER 611770
40 09 34.0 081 50 51.0 2
WILLS CRK BL WILLS CRK DAM
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 099.40 006.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	27.0000		27.0000	27.0000	78/08	78/08
STREAM	FLOW	CFS	1	99.0000		99.0000	99.0000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	756.000		756.000	756.000	78/08	78/08
DO		MG/L	1	7.40000		7.40000	7.40000	78/08	78/08
COD	LOWLEVEL	MG/L	1	10.0000		10.0000	10.0000	78/08	78/08
PH		SU	1	7.70000		7.70000	7.70000	78/08	78/08
RESIDUE	DISS-105	C MG/L	1	529.000		529.000	529.000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	17.0000		17.0000	17.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.160000		.160000	.160000	78/08	78/08
TOT HARD	CACO3	MG/L	1	326.000		326.000	326.000	78/08	78/08
SULFATE	SO4-TOT	MG/L	1	253.000		253.000	253.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
LEAD	PB,TOT	UG/L	1	14.0000		14.0000	14.0000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-223

STATION NUMBER 611820
41 00 11.0 081 36 33.0 2
WOLF CRK AT BARBERTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 111.10 000.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	8.50000	9.19239	15.0000	2.00000	78/01	78/04
CNDUCTVY	FIELD	MICROMHO	2	580.000	169.706	700.000	460.000	78/01	78/04
DO		MG/L	1	8.00000		8.00000	8.00000	78/04	78/04
BOD	5 DAY	MG/L	1	2.10000		2.10000	2.10000	78/04	78/04
COD	LOWLEVEL	MG/L	2	15.0000	4.24264	18.0000	12.0000	78/01	78/04
PH		SU	1	6.70000		6.70000	6.70000	78/01	78/01
LAB	PH	SU	1	7.10000		7.10000	7.10000	78/04	78/04
RESIDUE	DISS-105	C MG/L	2	500.500	20.5061	515.000	486.000	78/01	78/04
RESIDUE	TOT NFLT	MG/L	2	16.5000	2.12132	18.0000	15.0000	78/01	78/04
NH3+NH4-	N TOTAL	MG/L	2	.285000	.077781	.340000	.230000	78/01	78/04
NO2-N	TOTAL	MG/L	2	.015000	.007071	.020000	.010000	78/01	78/04
NO3-N	TOTAL	MG/L	2	1.21000	.240419	1.38000	1.04000	78/01	78/04
TOT KJEL	N	MG/L	2	1.60000	1.13137	2.40000	.800000	78/01	78/04
PHOS-TOT		MG/L P	2	.085000	.049498	.120000	.050000	78/01	78/04
T ORG C	C	MG/L	1	10.0000		10.0000	10.0000	78/01	78/01
TOT HARD	CACO3	MG/L	1	204.000		204.000	204.000	78/04	78/04
CHLORIDE	CL	MG/L	2	115.000	39.5980	143.000	87.0000	78/01	78/04
FLUORIDE	F,DISS	MG/L	1	.190000		.190000	.190000	78/04	78/04
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/04	78/04
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/04	78/04
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/04	78/04
IRON	FE,TOT	UG/L	1	1390.00		1390.00	1390.00	78/04	78/04
LEAD	PB,TOT	UG/L	1	23.0000		23.0000	23.0000	78/04	78/04
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/04	78/04
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/04	78/04
FEC COLI	MFM-FCBR	/100ML	1	620.000		620.000	620.000	78/04	78/04
FECSTREP	MF M-ENT	/100ML	1	360.000		360.000	360.000	78/04	78/04
PHENOLS	TOTAL	UG/L	2	7.00000	4.24264	10.0000	4.00000	78/01	78/04
MBAS		MG/L	2	.145000	.035356	.170000	.120000	78/01	78/04
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/04	78/04

TABLE RD 1-224

STATION NUMBER 611820
41 00 11.0 081 36 33.0 2
WOLF CRK AT BARBERTON
OHIO RIVER (MUSKINGUM RIVER)
MILES 0953.80 0808.80 110.20 111.10 000.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	17.8750	10.7810	30.5000	4.50000	78/07	79/05
CNDUCTVY	FIELD	MICROMHO	4	959.750	502.859	1600.00	459.000	78/07	79/05
DO		MG/L	4	5.65000	2.50134	8.60000	2.50000	78/07	79/05
COD	LOWLEVEL	MG/L	4	18.5000	4.12311	22.0000	14.0000	78/07	79/05
PH		SU	4	7.39999	.476205	8.10000	7.10000	78/07	79/05
RESIDUE	DISS-105	C MG/L	3	712.333	172.502	885.000	540.000	78/07	79/05
RESIDUE	TOT NFLT	MG/L	4	18.7500	5.67891	23.0000	11.0000	78/07	79/05
NH3+NH4-	N TOTAL	MG/L	4	.425000	.219470	.620000	.110000	78/07	79/05
NO2-N	TOTAL	MG/L	4	.017500	.005000	.020000	.010000	78/07	79/05
NO3-N	TOTAL	MG/L	4	1.23000	1.20136	2.85000	.200000	78/07	79/05
TOT KJEL	N	MG/L	4	.925000	.403113	1.50000	.600000	78/07	79/05
PHOS-TOT		MG/L P	4	.175000	.142478	.380000	.050000	78/07	79/05
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/11	78/11
TOT HARD	CACO3	MG/L	4	269.500	19.9416	290.000	247.000	78/07	79/05
CHLORIDE	CL	MG/L	3	194.000	50.4678	251.000	155.000	78/07	79/01
FLUORIDE	F,DISS	MG/L	3	.313333	.051316	.370000	.270000	78/07	79/01
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/07	79/05
CHROMIUM	CR,TOT	UG/L	4	37.5000	9.57427	50.0000	30.0000	78/07	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/05
IRON	FE,TOT	UG/L	4	1495.00	436.234	1890.00	1020.00	78/07	79/05
LEAD	PB,TOT	UG/L	4	36.2500	18.4459	60.0000	16.0000	78/07	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/07	79/05
ZINC	ZN,TOT	UG/L	4	62.5000	47.1699	130.000	30.0000	78/07	79/05
FEC COLI	MFM-FCBR	/100ML	3	1013.00	1313.86	2500.00	9.00000	78/11	79/05
FECSTREP	MF M-ENT	/100ML	3	1256.33	2031.08	3600.00	9.00000	78/11	79/05
PHENOLS	TOTAL	UG/L	4	6.25000	3.86221	10.0000	2.00000	78/07	79/05
MBAS		MG/L	2	.085000	.049498	.120000	.050000	78/07	78/11
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/07	79/05

TABLE RD 1-225

STATION NUMBER 600660
38 48 13.0 083 25 16.0 2
OHIO BRUSH CRK NR WEST UNION
OHIO RIVER (OHIO BRUSH CREEK)
MILES 0953.80 0592.80 013.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	10.3286	7.64433	21.0000	1.00000	77/10	78/06
STREAM	FLOW	CFS	7	1052.14	1384.30	3837.00	27.0000	77/10	78/06
TURB	JKSN	JTU	1	540.000		540.000	540.000	78/06	78/06
CNDUCTVY	FIELD	MICROMHO	1	370.000		370.000	370.000	77/10	77/10
CNDUCTVY	AT 25C	MICROMHO	6	431.666	73.5812	500.000	291.000	77/10	78/06
DO		MG/L	5	8.85999	2.69778	13.2000	6.60000	77/10	78/06
COD	LOWLEVEL	MG/L	6	16.4333	15.5226	42.0000	1.80000	77/10	78/06
PH		SU	4	7.55000	.465560	8.20000	7.10000	77/10	78/06
LAB	PH	SU	7	7.84428	.297969	8.25000	7.30000	77/10	78/06
T ALK	CACO3	MG/L	1	141.000		141.000	141.000	78/03	78/03
T ACDITY	CACO3	MG/L	1	6.00000		6.00000	6.00000	77/10	77/10
RESIDUE	TOT NFLT	MG/L	7	160.857	305.331	831.000	1.00000	77/10	78/06
NH3+NH4-	N TOTAL	MG/L	6	.085000	.063166	.210000	.050000	77/10	78/06
NO2-N	TOTAL	MG/L	5	.054000	.072319	.180000	.010000	77/10	78/06
NO3-N	TOTAL	MG/L	6	1.11500	.748673	1.91000	.060000	77/10	78/06
TOT KJEL	N	MG/L	5	.829999	.914877	2.30000	.050000	77/12	78/06
PHOS-TOT		MG/L P	6	.313333	.381453	1.03000	.050000	77/10	78/06
TOT HARD	CACO3	MG/L	1	194.000		194.000	194.000	78/05	78/05
MGNSIUM	MG,TOT	MG/L	1	19.0000		19.0000	19.0000	78/05	78/05
CHLORIDE	CL	MG/L	3	9.00000	2.64575	12.0000	7.00000	78/04	78/06
SULFATE	SO4-TOT	MG/L	1	36.0000		36.0000	36.0000	78/05	78/05
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/03	78/05
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/05
COPPER	CU,TOT	UG/L	2	40.0000	14.1421	50.0000	30.0000	78/03	78/05
IRON	FE,TOT	UG/L	2	5080.00	4468.91	8240.00	1920.00	78/03	78/05
LEAD	PB,TOT	UG/L	2	10.5000	4.94975	14.0000	7.00000	78/03	78/05
MANGNESE	MN	UG/L	2	195.000	190.919	330.000	60.0000	78/03	78/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/05
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/03	78/05
ALUMINUM	AL,TOT	UG/L	2	2400.00	2828.43	4400.00	400.000	78/03	78/05
FEC COLI	MFM-FCBR	/100ML	5	426.800	610.280	1500.00	34.0000	77/10	78/05
PHENOLS	TOTAL	UG/L	2	3.00000	1.41421	4.00000	2.00000	78/05	78/06
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/05

TABLE RD 1-226

STATION NUMBER 600660
38 48 13.0 083 25 16.0 2
OHIO BRUSH CRK NR WEST UNION
OHIO RIVER (OHIO BRUSH CREEK)
MILES 0953.80 0592.80 013.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	14.1364	9.25227	27.5000	2.50000	78/07	79/06
STREAM	FLOW	CFS	11	690.000	1202.37	4167.00	17.0000	78/07	79/05
CNDUCTVY	FIELD	MICROMHO	5	289.400	104.484	468.000	200.000	78/07	79/04
CNDUCTVY	AT 25C	MICROMHO	6	466.666	136.071	588.000	206.000	78/09	79/06
DO		MG/L	12	9.55833	2.69494	13.9000	5.90000	78/07	79/06
COD	LOWLEVEL	MG/L	12	11.5000	4.62208	20.0000	4.00000	78/07	79/06
PH		SU	12	7.82499	.381717	8.30000	6.90000	78/07	79/06
T ALK	CACO3	MG/L	1	211.000		211.000	211.000	79/06	79/06
RESIDUE	TOTAL	MG/L	1	372.000		372.000	372.000	78/07	78/07
RESIDUE	TOT NFLT	MG/L	12	58.5833	78.5314	228.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.113333	.103162	.390000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.019091	.013751	.050000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.07750	.728036	2.25000	.080000	78/07	79/06
TOT KJEL	N	MG/L	12	.599999	.366804	1.30000	.200000	78/07	79/06
PHOS-TOT		MG/L P	12	.129999	.143274	.450000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	4	177.250	82.5929	270.000	81.0000	78/08	79/05
CHLORIDE	CL	MG/L	2	10.0000	2.82843	12.0000	8.00000	78/07	78/09
SULFATE	SO4-TOT	MG/L	2	34.0000	12.7279	43.0000	25.0000	78/07	78/11
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	4	4470.00	4513.05	9400.00	580.000	78/08	79/05
LEAD	PB,TOT	UG/L	4	9.50000	4.12311	15.0000	5.00000	78/08	79/05
MANGNESE	MN	UG/L	2	125.000	120.208	210.000	40.0000	78/08	78/11
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
FEC COLI	MFM-FCBR	/100ML	11	1062.12	1625.27	4600.00	3.30000	78/07	79/05
PHENOLS	TOTAL	UG/L	4	3.25000	1.89297	6.00000	2.00000	78/07	79/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-227

STATION NUMBER 500510
41 26 58.0 083 21 29.0 2
PORTAGE R. AT WOODVILLE
LAKE ERIE (PORTAGE RIVER)
MILES 0028.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	14	8.74285	8.79280	24.2000	.000000	77/07	78/06
CNDUCTVY	AT 25C	MICROMHO	12	777.916	161.626	1040.00	510.000	77/07	78/06
DO		MG/L	14	9.13571	2.71594	13.0000	2.90000	77/07	78/06
BOD	5 DAY	MG/L	11	7.20909	6.86694	26.9000	2.00000	77/07	78/06
COD	LOWLEVEL	MG/L	12	24.1667	7.33408	34.0000	11.0000	77/07	78/06
LAB	PH	SU	15	7.62666	.281560	8.20000	7.20000	77/07	78/06
RESIDUE	DISS-105	C MG/L	15	436.200	142.603	638.000	181.000	77/07	78/06
RESIDUE	TOT NFLT	MG/L	15	60.9333	81.0577	290.000	10.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	16	.642500	1.02536	3.34000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	13	.078461	.045064	.180000	.030000	77/07	78/06
NO3-N	TOTAL	MG/L	13	3.99692	2.27915	10.2000	1.17000	77/07	78/06
TOT KJEL	N	MG/L	13	2.32307	.954082	4.10000	1.20000	77/07	78/06
PHOS-TOT		MG/L P	16	.750625	.767284	3.43000	.090000	77/07	78/06
PHOS-DIS		MG/L P	11	.260909	.185659	.640000	.050000	77/10	78/06
T ORG C	C	MG/L	12	12.8583	8.08832	32.7000	1.00000	77/07	78/06
TOT HARD	CACO3	MG/L	5	330.000	41.2311	375.000	271.000	77/08	78/05
CHLORIDE	CL	MG/L	12	58.5000	25.8087	102.000	21.0000	77/07	78/06
SULFATE	SO4-TOT	MG/L	1	96.0000		96.0000	96.0000	77/10	77/10
SILICA	DISOLVED	MG/L	9	5.62555	3.45320	9.87000	.180000	77/07	78/06
ARSENIC	AS,TOT	UG/L	5	10.0000	.000000	10.0000	10.0000	77/08	78/05
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	77/08	78/05
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	77/08	78/05
COPPER	CU,TOT	UG/L	5	34.0000	5.47723	40.0000	30.0000	77/08	78/05
LEAD	PB,TOT	UG/L	5	6.40000	2.07365	10.0000	5.00000	77/08	78/05
ZINC	ZN,TOT	UG/L	5	36.0000	13.4164	60.0000	30.0000	77/08	78/05
FEC COLI	MFM-FCBR	/100ML	11	3257.27	3041.64	10000.0	170.000	77/07	78/05
FECSTREP	MF M-ENT	/100ML	7	4264.28	3608.79	9000.00	130.000	77/07	78/05
MBAS		MG/L	5	.200000	.069642	.320000	.150000	77/08	78/05
PCBS	WHL SMPL	UG/L	12	.500000	.000000	.500000	.500000	77/07	78/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	77/10	78/05

TABLE RD 1-228

STATION NUMBER 500510
41 26 58.0 083 21 29.0 2
PORTAGE R. AT WOODVILLE
LAKE ERIE (PORTAGE RIVER)
MILES 0028.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	10	12.5500	8.74900	24.0000	.000000	78/07	79/06
TURB	JKSN	JTU	2	3.50000	2.40416	5.20000	1.80000	78/11	79/05
CNDUCTVY	AT 25C	MICROMHO	10	949.200	211.224	1430.00	730.000	78/07	79/06
DO		MG/L	8	9.20000	2.79848	14.2000	5.40000	78/07	79/06
BOD	5 DAY	MG/L	7	8.08571	6.59354	17.9000	1.60000	78/07	79/05
COD	LOWLEVEL	MG/L	9	25.4222	13.0558	50.0000	6.80000	78/07	79/06
LAB	PH	SU	10	7.97999	.426416	8.90000	7.40000	78/07	79/06
T ALK	CACO3	MG/L	2	169.500	21.9203	185.000	154.000	78/11	79/05
RESIDUE	DISS-105	C MG/L	9	552.555	146.180	882.000	394.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	10	76.8000	156.018	516.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	11	.652727	1.13601	2.98000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	10	.062000	.056725	.200000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	10	4.37500	4.18757	11.4000	.050000	78/07	79/06
TOT KJEL	N	MG/L	10	2.05900	1.07895	4.40000	.700000	78/07	79/06
PHOS-TOT		MG/L P	10	.574000	.557578	1.62000	.050000	78/07	79/06
PHOS-DIS		MG/L P	6	.368333	.372742	.960000	.050000	78/07	79/06
T ORG C	C	MG/L	9	15.7000	9.00472	35.0000	5.20000	78/07	79/06
TOT HARD	CACO3	MG/L	7	335.143	56.3694	440.000	281.000	78/08	79/06
CHLORIDE	CL	MG/L	10	87.6000	57.3531	195.000	15.0000	78/07	79/06
SULFATE	SO4-TOT	MG/L	6	148.500	61.8377	256.000	98.0000	78/10	79/06
FLUORIDE	F,DISS	MG/L	1	.230000		.230000	.230000	79/04	79/04
SILICA	DISOLVED	MG/L	7	2.99428	2.79025	7.43000	.210000	78/07	79/06
ARSENIC	AS,TOT	UG/L	8	11.2500	3.53553	20.0000	10.0000	78/08	79/06
CADMIUM	CD,TOT	UG/L	8	5.00000	.000000	5.00000	5.00000	78/08	79/06
CHROMIUM	CR,TOT	UG/L	8	30.0000	.000000	30.0000	30.0000	78/08	79/06
COPPER	CU,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/10	79/06
IRON	FE,TOT	UG/L	2	945.000	205.061	1090.00	800.000	79/04	79/05
LEAD	PB,TOT	UG/L	7	9.71428	4.46148	17.0000	5.00000	78/08	79/06
MANGNESE	MN	UG/L	1	30.0000		30.0000	30.0000	79/04	79/04
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/10	79/06
ZINC	ZN,TOT	UG/L	8	32.5000	7.07107	50.0000	30.0000	78/08	79/06
ALUMINUM	AL,TOT	UG/L	1	400.000		400.000	400.000	79/05	79/05
SELENIUM	SE,TOT	UG/L	1	10.0000		10.0000	10.0000	79/05	79/05
FEC COLI	MFM-FCBR	/100ML	8	948.875	1209.06	3700.00	1.00000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	4	462.500	399.864	980.000	100.000	78/07	79/06
PHENOLS	TOTAL	UG/L	1	7.00000		7.00000	7.00000	79/05	79/05
MBAS		MG/L	7	.234285	.079971	.380000	.160000	78/08	79/06
PCBS	WHL SMPL	UG/L	3	.333333	.288675	.500000	.000000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	8	.500000	.000000	.500000	.500000	78/08	79/06

TABLE RD 1-229

STATION NUMBER 500520
41 24 37.0 083 27 31.0 2
N BR PORTAGE R AT PEMBERVILLE
LAKE ERIE (PORTAGE RIVER)
(RIVER MILE 0.1)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	19.3666	3.88895	22.9000	15.2000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	730.333	75.4851	817.000	679.000	77/07	77/09
DO		MG/L	3	6.43333	1.50115	7.30000	4.70000	77/07	77/09
COD	LOWLEVEL	MG/L	3	19.3333	6.11013	26.0000	14.0000	77/07	77/09
LAB	PH	SU	3	7.63333	.152844	7.80000	7.50000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	465.666	51.5419	525.000	432.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	27.3333	20.5264	50.0000	10.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.306667	.287460	.630000	.080000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.096667	.049329	.130000	.040000	77/07	77/09
NO3-N	TOTAL	MG/L	3	2.64000	1.80701	4.65000	1.15000	77/07	77/09
TOT KJEL	N	MG/L	3	1.03333	.709460	1.80000	.400000	77/07	77/09
PHOS-TOT		MG/L P	3	.933333	.407717	1.27000	.480000	77/07	77/09
T ORG C	C	MG/L	3	15.3333	7.63764	22.0000	7.00000	77/07	77/09
TOT HARD	CACO3	MG/L	1	238.000		238.000	238.000	77/08	77/08
CHLORIDE	CL	MG/L	3	55.6667	23.1157	70.0000	29.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	1	12.0000		12.0000	12.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	3	1426.67	990.776	2300.00	350.000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	2	1035.00	1011.16	1750.00	320.000	77/07	77/09
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	77/08	77/08
MBAS		MG/L	1	.160000		.160000	.160000	77/08	77/08

TABLE RD 1-230

STATION NUMBER 500520
41 24 37.0 083 27 31.0 2
N BR PORTAGE R AT PEMBERVILLE
LAKE ERIE (PORTAGE RIVER)
(RIVER MILE 0.1)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	24.9000		24.9000	24.9000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	1010.00		1010.00	1010.00	78/08	78/08
DO		MG/L	1	4.60000		4.60000	4.60000	78/08	78/08
COD	LOWLEVEL	MG/L	1	20.0000		20.0000	20.0000	78/08	78/08
LAB	PH	SU	1	8.40000		8.40000	8.40000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	20.0000		20.0000	20.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/08	78/08
NO3-N	TOTAL	MG/L	1	3.55000		3.55000	3.55000	78/08	78/08
TOT KJEL	N	MG/L	1	1.00000		1.00000	1.00000	78/08	78/08
PHOS-TOT		MG/L P	1	.590000		.590000	.590000	78/08	78/08
TOT HARD	CACO3	MG/L	1	326.000		326.000	326.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	660.000		660.000	660.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	540.000		540.000	540.000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-231

STATION NUMBER 601400
38 52 25.0 082 21 22.0 2
RACCOON CRK AT ADAMSVILLE
OHIO RIVER (RACCOON CREEK)
MILES 0953.80 0704.90 029.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	8.15714	7.49375	19.5000	.000000	77/10	78/06
STREAM	FLOW	CFS	7	1951.57	1885.17	5052.00	44.0000	77/10	78/06
CNDUCTVY	FIELD	MICROMHO	1	425.000		425.000	425.000	77/10	77/10
CNDUCTVY	AT 25C	MICROMHO	7	317.286	163.805	670.000	168.000	77/10	78/06
DO		MG/L	5	9.99999	3.09759	15.4000	7.70000	77/10	78/06
BOD	5 DAY	MG/L	1	.100000		.100000	.100000	78/01	78/01
COD	LOWLEVEL	MG/L	8	14.8625	15.5263	49.0000	4.00000	77/10	78/06
PH		SU	4	5.50000	.621855	6.20000	4.80000	77/10	78/06
LAB	PH	SU	7	5.87999	.898972	7.83000	5.19000	77/10	78/05
T ACDITY	CACO3	MG/L	7	66.1428	127.432	350.000	4.00000	77/10	78/05
RESIDUE	TOT NFLT	MG/L	8	161.750	321.150	918.000	7.00000	77/10	78/06
NH3+NH4-	N TOTAL	MG/L	9	.158889	.074573	.270000	.050000	77/10	78/06
NO2-N	TOTAL	MG/L	7	.018571	.018645	.060000	.010000	77/10	78/06
NO3-N	TOTAL	MG/L	8	.580000	.227408	.840000	.250000	77/10	78/06
TOT KJEL	N	MG/L	9	.488889	.617342	2.10000	.200000	77/10	78/06
PHOS-TOT		MG/L P	8	.313750	.310388	.890000	.050000	77/10	78/06
TOT HARD	CACO3	MG/L	2	75.0000	12.7279	84.0000	66.0000	78/05	78/06
MGNSIUM	MG,TOT	MG/L	2	10.5000	3.53553	13.0000	8.00000	78/02	78/05
CHLORIDE	CL	MG/L	2	14.0000	8.48528	20.0000	8.00000	78/02	78/05
SULFATE	SO4-TOT	MG/L	4	84.5000	33.2916	129.000	58.0000	78/02	78/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/02	78/05
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/02	78/05
COPPER	CU,TOT	UG/L	3	36.6667	11.5471	50.0000	30.0000	78/02	78/05
IRON	FE,TOT	UG/L	8	3180.00	5055.65	15500.0	280.000	77/10	78/06
LEAD	PB,TOT	UG/L	3	13.6667	7.57189	19.0000	5.00000	78/02	78/05
MANGNESE	MN	UG/L	8	1475.62	1258.46	3900.00	225.000	77/10	78/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/02	78/05
ZINC	ZN,TOT	UG/L	4	52.5000	26.2996	90.0000	30.0000	78/02	78/06
ALUMINUM	AL,TOT	UG/L	4	1262.50	502.286	1900.00	750.000	78/02	78/06
FEC COLI	MFM-FCBR	/100ML	9	2020.67	5992.28	18000.0	5.00000	77/10	78/06
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	78/05	78/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/02	78/05

TABLE RD 1-232

STATION NUMBER 601400
38 52 25.0 082 21 22.0 2
RACCOON CRK AT ADAMSVILLE
OHIO RIVER (RACCOON CREEK)
MILES 0953.80 0704.90 029.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	10.8750	8.69724	23.5000	.000000	78/07	79/06
STREAM	FLOW	CFS	12	1335.17	2100.57	7442.00	70.0000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	6	340.333	141.091	490.000	155.000	78/07	79/04
CNDUCTVY	AT 25C	MICROMHO	6	355.000	148.112	582.000	147.000	78/08	79/06
DO		MG/L	12	10.2083	2.46669	13.8000	7.10000	78/07	79/06
COD	LOWLEVEL	MG/L	11	5.72727	1.55506	8.00000	4.00000	78/07	79/06
PH		SU	12	5.84166	.716647	7.10000	4.90000	78/07	79/06
LAB	PH	SU	2	6.45000	.353532	6.70000	6.20000	78/08	79/06
T ACDITY	CACO3	MG/L	10	23.3000	13.4169	52.0000	10.0000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	11	18.4545	10.9395	41.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.186666	.109407	.440000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.010000	.000008	.010000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	.502500	.128425	.730000	.300000	78/07	79/06
TOT KJEL	N	MG/L	12	.307500	.132605	.600000	.090000	78/07	79/06
PHOS-TOT		MG/L P	12	.100000	.086865	.260000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	7	149.143	40.5400	191.000	92.0000	78/07	79/05
CHLORIDE	CL	MG/L	3	37.0000	13.0767	46.0000	22.0000	78/07	78/11
SULFATE	SO4-TOT	MG/L	4	156.500	42.5323	213.000	119.000	78/07	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	12	1195.83	877.584	2740.00	190.000	78/07	79/06
LEAD	PB,TOT	UG/L	4	10.5000	8.42615	23.0000	5.00000	78/08	79/05
MANGNESE	MN	UG/L	12	1963.33	922.786	3130.00	450.000	78/07	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	4	45.0000	19.1485	70.0000	30.0000	78/08	79/05
FEC COLI	MFM-FCBR	/100ML	10	39.7600	56.6294	180.000	1.00000	78/07	79/05
PHENOLS	TOTAL	UG/L	4	3.25000	2.50000	7.00000	2.00000	78/07	79/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-233

STATION NUMBER 501820
41 10 15.0 081 51 08.0 2
W BR ROCKY R BELOW MEDINA
LAKE ERIE (ROCKY RIVER)
MILES 0012.30 0026.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	17.0571	8.74814	24.0000	1.00000	77/04	78/03
TURB	JKSN	JTU	6	22.1667	20.9229	64.0000	10.0000	77/03	77/09
CNDUCTVY	FIELD	MICROMHO	7	1127.14	842.872	2400.00	410.000	77/04	78/03
DO		MG/L	7	5.27143	5.34064	14.6000	.300000	77/04	78/03
BOD	5 DAY	MG/L	7	37.9000	47.6587	128.000	4.90000	77/03	77/09
COD	LOWLEVEL	MG/L	5	44.8000	41.2214	116.000	16.0000	77/03	78/03
PH		SU	6	7.18333	.240341	7.60000	7.00000	77/04	78/03
T ALK	CACO3	MG/L	2	221.000	171.120	342.000	100.000	77/08	77/09
RESIDUE	DISS-105	C MG/L	7	733.857	488.160	1500.00	322.000	77/03	77/09
RESIDUE	TOT NFLT	MG/L	8	56.8750	83.6889	262.000	12.0000	77/03	78/03
NH3+NH4-	N TOTAL	MG/L	8	4.45124	4.68232	12.7000	.330000	77/03	78/03
NO2-N	TOTAL	MG/L	7	.060000	.105830	.300000	.020000	77/03	78/03
NO3-N	TOTAL	MG/L	8	.286249	.264788	.650000	.010000	77/03	78/03
TOT KJEL	N	MG/L	8	5.81250	5.86818	15.7000	.400000	77/03	78/03
PHOS-TOT		MG/L P	8	.893750	.885533	2.39000	.050000	77/03	78/03
T ORG C	C	MG/L	6	35.3333	30.9753	78.0000	11.0000	77/03	77/09
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	77/08	78/03
TOT HARD	CACO3	MG/L	6	266.833	52.3624	314.000	170.000	77/05	78/03
CALCIUM	CA-TOT	MG/L	1	50.0000		50.0000	50.0000	77/08	77/08
MGNSIUM	MG,TOT	MG/L	1	14.0000		14.0000	14.0000	77/08	77/08
SODIUM	NA,TOT	MG/L	1	44.0000		44.0000	44.0000	77/08	77/08
PTSSIUM	K,TOT	MG/L	1	6.10000		6.10000	6.10000	77/08	77/08
CHLORIDE	CL	MG/L	7	227.714	211.665	590.000	60.0000	77/03	78/03
SULFATE	SO4-TOT	MG/L	5	154.000	45.4698	199.000	78.0000	77/05	77/09
FLUORIDE	F,DISS	MG/L	4	.437500	.135001	.550000	.250000	77/06	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/05	78/03
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/05	78/03
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/05	78/03
IRON	FE,TOT	UG/L	4	1530.00	1714.19	4100.00	630.000	77/05	78/03
LEAD	PB,TOT	UG/L	4	8.00000	5.35412	16.0000	5.00000	77/05	78/03
MANGNESE	MN	UG/L	1	260.000		260.000	260.000	77/08	77/08
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	77/08	78/03
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	4	57.5000	17.0782	80.0000	40.0000	77/05	78/03
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	7	16958.6	16529.9	50000.0	210.000	77/03	78/03
FECSTREP	MF M-ENT	/100ML	7	24191.4	32487.3	91000.0	140.000	77/03	78/03
HENOLS	TOTAL	UG/L	8	29.7500	35.7161	89.0000	2.00000	77/03	78/03
MBAS		MG/L	8	.646250	.541055	1.56000	.130000	77/03	78/03
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/03	78/03

TABLE RD 1-234

STATION NUMBER 501820
41 10 15.0 081 51 08.0 2
W BR ROCKY R BELOW MEDINA
LAKE ERIE (ROCKY RIVER)
MILES 0012.30 0026.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	9.87500	8.16879	20.0000	.000000	78/08	79/04
CNDUCTVY	FIELD	MICROMHO	3	743.333	289.196	1000.00	430.000	78/10	79/04
CNDUCTVY	AT 25C	MICROMHO	2	1785.00	134.350	1880.00	1690.00	78/08	79/01
DO		MG/L	4	6.70000	5.50818	13.1000	.100000	78/08	79/04
COD	LOWLEVEL	MG/L	4	71.7250	42.5234	125.000	21.9000	78/08	79/04
PH		SU	4	7.47499	.250173	7.60000	7.10000	78/08	79/04
LAB	PH	SU	1	7.87000		7.87000	7.87000	79/01	79/01
RESIDUE	DISS-105	C MG/L	3	785.000	329.213	1000.00	406.000	78/08	79/04
RESIDUE	TOT NFLT	MG/L	4	27.0000	15.7056	48.0000	10.0000	78/08	79/04
NH3+NH4-	N TOTAL	MG/L	4	4.18499	3.21918	7.18000	.360000	78/08	79/04
NO2-N	TOTAL	MG/L	4	.052500	.050580	.110000	.010000	78/08	79/04
NO3-N	TOTAL	MG/L	4	.222500	.318891	.700000	.050000	78/08	79/04
TOT KJEL	N	MG/L	4	7.04999	4.81699	11.6000	1.30000	78/08	79/04
PHOS-TOT		MG/L P	4	1.45000	1.07477	3.02000	.660000	78/08	79/04
CYANIDE	CN-TOT	MG/L	2	.075000	.077782	.130000	.020000	79/01	79/04
TOT HARD	CACO3	MG/L	4	257.250	51.6035	333.000	219.000	78/08	79/04
CHLORIDE	CL	MG/L	2	182.500	224.153	341.000	24.0000	79/01	79/04
CADMIUM	CD,TOT	UG/L	4	10.5000	8.02081	22.0000	5.00000	78/08	79/04
CHROMIUM	CR,TOT	UG/L	4	65.0000	43.5890	120.000	30.0000	78/08	79/04
COPPER	CU,TOT	UG/L	4	37.5000	15.0000	60.0000	30.0000	78/08	79/04
IRON	FE,TOT	UG/L	4	1072.50	392.800	1620.00	690.000	78/08	79/04
LEAD	PB,TOT	UG/L	4	14.5000	6.24500	23.0000	8.00000	78/08	79/04
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/08	79/04
ZINC	ZN,TOT	UG/L	4	132.500	106.575	280.000	30.0000	78/08	79/04
FEC COLI	MFM-FCBR	/100ML	4	124973	172249	380000	890.000	78/08	79/04
FECSTREP	MF M-ENT	/100ML	4	694473	848622	1800000	890.000	78/08	79/04
PHENOLS	TOTAL	UG/L	3	9.33333	4.50927	14.0000	5.00000	78/08	79/01
MBAS		MG/L	1	.610000		.610000	.610000	79/01	79/01
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/04

TABLE RD 1-235

STATION NUMBER 501800
41 24 24.0 081 53 14.0 2
ROCKY R NEAR BEREA
LAKE ERIE (ROCKY RIVER)
MILES 0012.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	16	11.7687	8.99390	26.0000	.000000	77/02	78/06
STREAM	FLOW	CFS	14	1511.36	2978.02	8520.00	33.0000	77/02	78/06
TURB	JKSN	JTU	6	20.4667	17.9696	44.0000	2.00000	77/03	77/10
CNDUCTVY	FIELD	MICROMHO	13	536.154	307.335	1100.00	125.000	77/04	78/05
CNDUCTVY	AT 25C	MICROMHO	1	780.000		780.000	780.000	78/06	78/06
DO		MG/L	15	10.8267	2.45749	15.0000	6.60000	77/02	78/06
BOD	5 DAY	MG/L	13	5.48461	5.44424	22.0000	1.60000	77/02	78/06
COD	LOWLEVEL	MG/L	14	30.2857	27.6028	120.000	10.0000	77/02	78/06
PH		SU	10	7.45999	.445274	8.20000	6.70000	77/04	78/06
LAB	PH	SU	5	7.55200	.256269	7.90000	7.20000	77/02	78/06
T ALK	CACO3	MG/L	1	116.000		116.000	116.000	77/08	77/08
RESIDUE	TOTAL	MG/L	1	794.000		794.000	794.000	77/02	77/02
RESIDUE	DISS-105	C MG/L	16	457.375	186.602	858.000	194.000	77/02	78/06
RESIDUE	TOT NFLT	MG/L	16	90.7500	177.746	717.000	10.0000	77/02	78/06
NH3+NH4-	N TOTAL	MG/L	16	.741875	.619755	1.72000	.050000	77/02	78/06
NO2-N	TOTAL	MG/L	14	.155714	.143244	.420000	.010000	77/02	78/06
NO3-N	TOTAL	MG/L	16	1.29875	.657347	2.68000	.050000	77/02	78/06
TOT KJEL	N	MG/L	16	1.60000	.629288	2.80000	.400000	77/02	78/06
PHOS-TOT		MG/L P	16	1.03875	.906862	3.68000	.050000	77/02	78/06
PHOS-DIS		MG/L P	7	1.15714	1.13634	3.45000	.050000	77/05	78/06
T ORG C	C	MG/L	7	9.41428	7.34630	18.9000	1.00000	77/02	78/04
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	77/08	77/12
TOT HARD	CACO3	MG/L	14	211.714	58.4445	288.000	85.0000	77/02	78/06
CALCIUM	CA-TOT	MG/L	1	61.0000		61.0000	61.0000	77/08	77/08
MGNSIUM	MG,TOT	MG/L	1	15.0000		15.0000	15.0000	77/08	77/08
SODIUM	NA,TOT	MG/L	1	51.0000		51.0000	51.0000	77/08	77/08
PTSSIUM	K,TOT	MG/L	1	6.40000		6.40000	6.40000	77/08	77/08
CHLORIDE	CL	MG/L	16	101.937	58.1612	255.000	39.0000	77/02	78/06
SULFATE	SO4-TOT	MG/L	4	108.250	22.7064	135.000	87.0000	77/06	77/11
FLUORIDE	F,DISS	MG/L	8	.405000	.122007	.560000	.240000	77/02	77/11
SILICA	DISOLVED	MG/L	8	6.23499	2.17368	8.96000	3.27000	77/07	78/06

TABLE RD 1-235 (Continued)

STATION NUMBER 501800
41 24 24.0 081 53 14.0 2
ROCKY R NEAR BEREA
LAKE ERIE (ROCKY RIVER)
MILES 0012.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	11	10.0000	.000000	10.0000	10.0000	77/05	78/06
BARIUM	BA,TOT	UG/L	3	200.000	.000000	200.000	200.000	77/05	77/08
CADMIUM	CD,TOT	UG/L	11	5.00000	.000000	5.00000	5.00000	77/05	78/06
CHROMIUM	CR,TOT	UG/L	13	30.0000	.000000	30.0000	30.0000	77/05	78/06
COPPER	CU,TOT	UG/L	14	30.7143	2.67281	40.0000	30.0000	77/02	78/06
IRON	FE,TOT	UG/L	10	2013.00	2743.43	9200.00	220.000	77/06	78/06
LEAD	PB,TOT	UG/L	14	14.3571	11.1673	36.0000	5.00000	77/05	78/06
MANGNESE	MN	UG/L	2	145.000	7.07107	150.000	140.000	77/05	77/08
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	77/05	78/03
SILVER	AG,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	77/05	77/08
ZINC	ZN,TOT	UG/L	10	37.0000	12.5167	60.0000	30.0000	77/02	78/05
SELENIUM	SE,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/02	77/08
FEC COLI	MFM-FCBR	/100ML	12	3025.83	4603.13	17000.0	140.000	77/02	78/06
FECSTREP	MF M-ENT	/100ML	12	2162.58	2629.74	8500.00	71.0000	77/02	78/06
PHENOLS	TOTAL	UG/L	17	7.64706	6.61382	27.0000	2.00000	77/02	78/06
MBAS		MG/L	16	.170000	.054529	.260000	.080000	77/02	78/06
PCBS	WHL SMPL	UG/L	2	.500000	.000000	.500000	.500000	77/05	77/08
MERCURY	HG,TOTAL	UG/L	12	.500000	.000000	.500000	.500000	77/05	78/06

TABLE RD 1-236

STATION NUMBER 501800
41 24 24.0 081 53 14.0 2
ROCKY R NEAR BEREA
LAKE ERIE (ROCKY RIVER)
MILES 0012.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	10.2083	9.23053	22.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	12	142.917	134.518	416.000	33.0000	78/07	79/06
TURB	JKSN	JTU	8	8.62499	8.80304	28.0000	1.40000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	12	621.250	171.705	950.000	360.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	1010.00		1010.00	1010.00	79/03	79/03
DO		MG/L	12	10.3167	2.45685	15.0000	7.00000	78/07	79/06
BOD	5 DAY	MG/L	4	7.02499	2.53823	9.00000	3.60000	78/07	78/10
COD	LOWLEVEL	MG/L	12	26.4583	21.7999	89.0000	10.0000	78/07	79/06
PH		SU	12	7.73333	.277436	8.40000	7.40000	78/07	79/06
T ALK	CACO3	MG/L	8	129.750	30.1555	174.000	81.0000	78/11	79/06
RESIDUE	DISS-105	C MG/L	10	521.600	107.598	724.000	389.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	12	20.9167	22.4518	83.0000	9.00000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	1.32667	.745498	2.26000	.100000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.177500	.133698	.390000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.85583	.854273	3.10000	.300000	78/07	79/06
TOT KJEL	N	MG/L	12	2.35500	.833656	3.30000	1.10000	78/07	79/06
PHOS-TOT		MG/L P	12	1.23250	.870359	2.53000	.180000	78/07	79/06
PHOS-DIS		MG/L P	11	1.06182	.780173	2.31000	.240000	78/07	79/06
T ORG C	C	MG/L	7	11.5857	4.05810	19.4000	7.10000	78/11	79/05
TOT HARD	CACO3	MG/L	9	231.222	41.6799	317.000	187.000	78/07	79/05
CHLORIDE	CL	MG/L	11	111.273	65.5547	208.000	24.0000	78/08	79/06
SULFATE	SO4-TOT	MG/L	8	113.625	28.6503	158.000	79.0000	78/11	79/06
SILICA	DISOLVED	MG/L	10	5.01399	2.77752	8.32000	1.24000	78/07	79/06
ARSENIC	AS,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	78/07	78/10
CADMIUM	CD,TOT	UG/L	8	5.00000	.000000	5.00000	5.00000	78/07	79/05
CHROMIUM	CR,TOT	UG/L	8	30.0000	.000000	30.0000	30.0000	78/07	79/05
COPPER	CU,TOT	UG/L	8	30.0000	.000000	30.0000	30.0000	78/07	79/05
IRON	FE,TOT	UG/L	9	828.889	645.280	2290.00	310.000	78/07	79/05
LEAD	PB,TOT	UG/L	9	19.7778	20.4437	72.0000	6.00000	78/07	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	79/01	79/05
ZINC	ZN,TOT	UG/L	4	37.5000	15.0000	60.0000	30.0000	79/01	79/05
FEC COLI	MFM-FCBR	/100ML	11	3150.00	4661.10	16000.0	430.000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	11	3280.27	5657.14	20000.0	23.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	11	6.27273	3.82338	12.0000	2.00000	78/07	79/06
MBAS		MG/L	5	.238000	.063797	.350000	.200000	78/07	79/02
MERCURY	HG,TOTAL	UG/L	8	.500000	.000000	.500000	.500000	78/07	79/05

TABLE RD 1-237

STATION NUMBER 501830
41 24 28.0 081 52 10.0 2
ABRAMS CREEK NEAR BEREA
LAKE ERIE (ROCKY RIVER)
MILES 0010.40 0000.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	20.5000		20.5000	20.5000	78/07	78/07
CNDUCTVY	FIELD	MICROMHO	1	1000.00		1000.00	1000.00	78/07	78/07
DO		MG/L	1	7.60000		7.60000	7.60000	78/07	78/07
BOD	5 DAY	MG/L	1	9.90000		9.90000	9.90000	78/07	78/07
COD	LOWLEVEL	MG/L	1	52.0000		52.0000	52.0000	78/07	78/07
PH		SU	1	8.40000		8.40000	8.40000	78/07	78/07
RESIDUE	DISS-105	C MG/L	1	536.000		536.000	536.000	78/07	78/07
RESIDUE	TOT NFLT	MG/L	1	88.0000		88.0000	88.0000	78/07	78/07
NH3+NH4-	N TOTAL	MG/L	1	15.4000		15.4000	15.4000	78/07	78/07
NO2-N	TOTAL	MG/L	1	.470000		.470000	.470000	78/07	78/07
NO3-N	TOTAL	MG/L	1	.780000		.780000	.780000	78/07	78/07
TOT KJEL	N	MG/L	1	2.20000		2.20000	2.20000	78/07	78/07
PHOS-TOT		MG/L P	1	10.0000		10.0000	10.0000	78/07	78/07
TOT HARD	CACO3	MG/L	1	200.000		200.000	200.000	78/07	78/07
FLUORIDE	F,DISS	MG/L	1	.810000		.810000	.810000	78/07	78/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
IRON	FE,TOT	UG/L	1	1050.00		1050.00	1050.00	78/07	78/07
LEAD	PB,TOT	UG/L	1	15.0000		15.0000	15.0000	78/07	78/07
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/07	78/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
FEC COLI	MFM-FCBR	/100ML	1	1400.00		1400.00	1400.00	78/07	78/07
FECSTREP	MF M-ENT	/100ML	1	360.000		360.000	360.000	78/07	78/07
PHENOLS	TOTAL	UG/L	1	13.0000		13.0000	13.0000	78/07	78/07
MBAS		MG/L	1	.380000		.380000	.380000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/07	78/07

TABLE RD 1-238

STATION NUMBER 500860
40 51 02.0 083 15 23.0 2
SANDUSKY R BL UPPER SANDUSKY
LAKE ERIE (SANDUSKY RIVER)
(RIVER MILE 78.7)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	23.9667	5.11599	29.3000	19.1000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	630.000	58.6600	695.000	581.000	77/07	77/09
DO		MG/L	3	8.13333	.945280	9.20000	7.40000	77/07	77/09
COD	LOWLEVEL	MG/L	3	26.6667	3.05520	30.0000	24.0000	77/07	77/09
LAB	PH	SU	3	8.10000	.200364	8.30000	7.90000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	415.666	38.9431	460.000	387.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	77.3333	33.0807	109.000	43.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.103333	.037859	.130000	.060000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.043333	.020817	.060000	.020000	77/07	77/09
NO3-N	TOTAL	MG/L	3	.846666	.571344	1.48000	.370000	77/07	77/09
TOT KJEL	N	MG/L	3	.966666	.152753	1.10000	.800000	77/07	77/09
PHOS-TOT		MG/L P	3	.116667	.058595	.160000	.050000	77/07	77/09
PHOS-DIS		MG/L P	1	.050000		.050000	.050000	77/08	77/08
T ORG C	C	MG/L	3	15.3333	10.5040	26.0000	5.00000	77/07	77/09
TOT HARD	CACO3	MG/L	1	331.000		331.000	331.000	77/08	77/08
CHLORIDE	CL	MG/L	3	31.3333	6.11014	38.0000	26.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	3	141.667	20.9846	158.000	118.000	77/07	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	1	310.000		310.000	310.000	77/07	77/07
MBAS		MG/L	1	.120000		.120000	.120000	77/08	77/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	77/08	77/08

TABLE RD 1-239

STATION NUMBER 500860
40 51 02.0 083 15 23.0 2
SANDUSKY R BL UPPER SANDUSKY
LAKE ERIE (SANDUSKY RIVER)
(RIVER MILE 78.7)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	21.5000		21.5000	21.5000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	1010.00		1010.00	1010.00	78/08	78/08
DO		MG/L	1	3.70000		3.70000	3.70000	78/08	78/08
COD	LOWLEVEL	MG/L	1	29.0000		29.0000	29.0000	78/08	78/08
LAB	PH	SU	1	8.40000		8.40000	8.40000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	48.0000		48.0000	48.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.020000		.020000	.020000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/08	78/08
NO3-N	TOTAL	MG/L	1	.110000		.110000	.110000	78/08	78/08
TOT KJEL	N	MG/L	1	1.80000		1.80000	1.80000	78/08	78/08
PHOS-TOT		MG/L P	1	1.41000		1.41000	1.41000	78/08	78/08
TOT HARD	CACO3	MG/L	1	421.000		421.000	421.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1510.00		1510.00	1510.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	6200.00		6200.00	6200.00	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-240

STATION NUMBER 500830
41 02 39.0 083 11 42.0 2
SANDUSKY R. BL MEXICO
LAKE ERIE (SANDUSKY RIVER)
MILES 0048.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	23.1000	4.45314	28.0000	19.3000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	634.666	100.553	737.000	536.000	77/07	77/09
DO		MG/L	3	5.90000	.888850	6.60000	4.90000	77/07	77/09
COD	LOWLEVEL	MG/L	3	23.3333	3.05512	26.0000	20.0000	77/07	77/09
LAB	PH	SU	3	7.76666	.058398	7.80000	7.70000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	422.666	78.0100	500.000	344.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	54.0000	20.2978	76.0000	36.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.180000	.121655	.320000	.100000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.046667	.015275	.060000	.030000	77/07	77/09
NO3-N	TOTAL	MG/L	3	1.62000	.997849	2.38000	.490000	77/07	77/09
TOT KJEL	N	MG/L	3	1.13333	.057745	1.20000	1.10000	77/07	77/09
PHOS-TOT		MG/L P	3	.136667	.141539	.300000	.050000	77/07	77/09
PHOS-DIS		MG/L P	1	.120000		.120000	.120000	77/08	77/08
T ORG C	C	MG/L	3	13.6667	7.37113	22.0000	8.00000	77/07	77/09
TOT HARD	CACO3	MG/L	1	240.000		240.000	240.000	77/08	77/08
CHLORIDE	CL	MG/L	3	23.6667	2.30957	25.0000	21.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	3	134.667	41.6816	180.000	98.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	3	1426.67	1721.81	3400.00	230.000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	1	2430.00		2430.00	2430.00	77/09	77/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	77/08	77/08

TABLE RD 1-241

STATION NUMBER 500830
41 02 39.0 083 11 42.0 2
SANDUSKY R. BL MEXICO
LAKE ERIE (SANDUSKY RIVER)
MILES 0048.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	23.1000		23.1000	23.1000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	920.000		920.000	920.000	78/08	78/08
DO		MG/L	1	3.60000		3.60000	3.60000	78/08	78/08
COD	LOWLEVEL	MG/L	1	20.0000		20.0000	20.0000	78/08	78/08
LAB	PH	SU	1	7.90000		7.90000	7.90000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	45.0000		45.0000	45.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.170000		.170000	.170000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
NO3-N	TOTAL	MG/L	1	.620000		.620000	.620000	78/08	78/08
TOT KJEL	N	MG/L	1	1.00000		1.00000	1.00000	78/08	78/08
PHOS-TOT		MG/L P	1	.250000		.250000	.250000	78/08	78/08
TOT HARD	CACO3	MG/L	1	437.000		437.000	437.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1750.00		1750.00	1750.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	130.000		130.000	130.000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-242

STATION NUMBER 500820
41 18 28.0 083 09 32.0 2
SANDUSKY R. AB FREMONT
LAKE ERIE (SANDUSKY RIVER)
MILES 0020.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	6	15.6833	10.0484	28.6000	.000000	77/07	77/12
CNDUCTVY	AT 25C	MICROMHO	6	698.500	150.340	898.000	484.000	77/07	77/12
DO		MG/L	6	10.6000	1.01985	12.2000	9.50000	77/07	77/12
BOD	5 DAY	MG/L	6	8.46666	3.29344	12.3000	3.20000	77/07	77/12
COD	LOWLEVEL	MG/L	6	28.0000	6.03324	38.0000	20.0000	77/07	77/12
LAB	PH	SU	6	8.08333	.248433	8.30000	7.60000	77/07	77/12
RESIDUE	DISS-105	C MG/L	6	456.833	107.850	584.000	308.000	77/07	77/12
RESIDUE	TOT NFLT	MG/L	6	55.1667	40.6862	130.000	22.0000	77/07	77/12
NH3+NH4-	N TOTAL	MG/L	6	.176667	.125645	.390000	.050000	77/07	77/12
NO2-N	TOTAL	MG/L	6	.021667	.014720	.040000	.010000	77/07	77/12
NO3-N	TOTAL	MG/L	6	1.98333	2.02667	5.60000	.070000	77/07	77/12
TOT KJEL	N	MG/L	6	1.45000	.314645	1.80000	1.10000	77/07	77/12
PHOS-TOT		MG/L P	6	.295000	.475173	1.26000	.050000	77/07	77/12
PHOS-DIS		MG/L P	3	.056667	.011547	.070000	.050000	77/08	77/11
T ORG C	C	MG/L	6	16.3333	4.58987	23.0000	10.0000	77/07	77/12
TOT HARD	CACO3	MG/L	6	310.000	74.2536	393.000	208.000	77/07	77/12
CHLORIDE	CL	MG/L	6	42.0000	16.2358	64.0000	21.0000	77/07	77/12
SULFATE	SO4-TOT	MG/L	6	135.167	40.0571	178.000	89.0000	77/07	77/12
SILICA	DISOLVED	MG/L	3	4.91667	4.17323	7.45000	.100000	77/08	77/11
ARSENIC	AS,TOT	UG/L	5	10.0000	.000000	10.0000	10.0000	77/07	77/11
CADMIUM	CD,TOT	UG/L	6	5.00000	.000000	5.00000	5.00000	77/07	77/12
CHROMIUM	CR,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	77/07	77/12
COPPER	CU,TOT	UG/L	6	30.0000	.000000	30.0000	30.0000	77/07	77/12
LEAD	PB,TOT	UG/L	6	9.00000	3.68782	13.0000	5.00000	77/07	77/12
ZINC	ZN,TOT	UG/L	6	40.0000	15.4919	60.0000	30.0000	77/07	77/12
FEC COLI	MFM-FCBR	/100ML	5	706.000	760.250	1900.00	80.0000	77/07	77/11
FECSTREP	MF M-ENT	/100ML	2	1425.00	1492.00	2480.00	370.000	77/09	77/10
MBAS		MG/L	3	.106667	.035119	.140000	.070000	77/08	77/11
PCBS	WHL SMPL	UG/L	5	.500000	.000000	.500000	.500000	77/08	77/12
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	77/07	77/12

TABLE RD 1-243

STATION NUMBER 500820
41 18 28.0 083 09 32.0 2
SANDUSKY R. AB FREMONT
LAKE ERIE (SANDUSKY RIVER)
MILES 0020.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	11.0333	10.6791	23.1000	2.80000	78/07	78/12
CNDUCTVY	AT 25C	MICROMHO	3	823.333	185.833	1030.00	670.000	78/07	78/12
DO		MG/L	3	9.99999	1.91577	11.3000	7.80000	78/07	78/12
BOD	5 DAY	MG/L	3	5.96666	1.15039	7.10000	4.80000	78/07	78/12
LAB	PH	SU	3	7.96666	.153267	8.10000	7.80000	78/07	78/12
RESIDUE	TOT NFLT	MG/L	3	27.6667	11.8463	35.0000	14.0000	78/07	78/12
NH3+NH4-	N TOTAL	MG/L	3	.126667	.083267	.220000	.060000	78/07	78/12
NO2-N	TOTAL	MG/L	3	.036667	.037859	.080000	.010000	78/07	78/12
NO3-N	TOTAL	MG/L	3	2.92000	3.93359	7.46000	.530000	78/07	78/12
TOT KJEL	N	MG/L	3	1.53333	.550758	2.10000	1.00000	78/07	78/12
PHOS-TOT		MG/L P	3	.833333	1.00201	1.99000	.230000	78/07	78/12
T ORG C	C	MG/L	1	20.0000		20.0000	20.0000	78/11	78/11
TOT HARD	CACO3	MG/L	3	355.000	91.0330	457.000	282.000	78/07	78/12
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	78/11	78/11
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/07	78/12
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/07	78/12
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/07	78/12
IRON	FE,TOT	UG/L	1	1380.00		1380.00	1380.00	78/07	78/07
LEAD	PB,TOT	UG/L	3	7.33333	4.04146	12.0000	5.00000	78/07	78/12
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/07	78/12
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/07	78/12
FEC COLI	MFM-FCBR	/100ML	3	1607.00	2679.28	4700.00	1.00000	78/07	78/12
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/07	78/12

TABLE RD 1-244

STATION NUMBER 500890
41 22 01.0 083 06 29.0 2
SANDUSKY R. AT FREMONT - TWP 549
LAKE ERIE (SANDUSKY RIVER)
MILES 0013.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	4.50000	6.36396	9.00000	.000000	78/02	78/04
CNDUCTVY	AT 25C	MICROMHO	2	890.000	254.558	1070.00	710.000	78/02	78/04
DO		MG/L	2	11.3500	1.76777	12.6000	10.1000	78/02	78/04
BOD	5 DAY	MG/L	1	4.60000		4.60000	4.60000	78/04	78/04
COD	LOWLEVEL	MG/L	2	26.0000	12.7279	35.0000	17.0000	78/02	78/04
LAB	PH	SU	2	8.00000	.282846	8.20000	7.80000	78/02	78/04
RESIDUE	TOT NFLT	MG/L	2	38.0000	11.3137	46.0000	30.0000	78/02	78/04
NH3+NH4-	N TOTAL	MG/L	1	.460000		.460000	.460000	78/02	78/02
NO2-N	TOTAL	MG/L	1	.050000		.050000	.050000	78/02	78/02
NO3-N	TOTAL	MG/L	1	6.18000		6.18000	6.18000	78/02	78/02
TOT KJEL	N	MG/L	1	2.70000		2.70000	2.70000	78/02	78/02
PHOS-TOT		MG/L P	1	1.42000		1.42000	1.42000	78/02	78/02
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/02	78/04
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/02	78/04
IRON	FE,TOT	UG/L	2	1250.00	183.848	1380.00	1120.00	78/02	78/04
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/02	78/04
ZINC	ZN,TOT	UG/L	2	55.0000	35.3553	80.0000	30.0000	78/02	78/04
FEC COLI	MFM-FCBR	/100ML	2	240.000	240.416	410.000	70.0000	78/02	78/04

TABLE RD 1-245

STATION NUMBER 500890
41 22 01.0 083 06 29.0 2
SANDUSKY R. AT FREMONT - TWP 549
LAKE ERIE (SANDUSKY RIVER)
MILES 0013.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	5	12.5200	10.0624	25.5000	.000000	78/07	79/05
TURB	JKSN	JTU	1	7.00000		7.00000	7.00000	79/05	79/05
CNDUCTVY	AT 25C	MICROMHO	5	787.200	137.621	1010.00	670.000	78/07	79/05
DO		MG/L	5	8.89999	2.41353	11.3000	6.20000	78/07	79/05
BOD	5 DAY	MG/L	4	5.30000	2.72519	8.00000	2.00000	78/07	79/05
COD	LOWLEVEL	MG/L	3	22.6000	13.3671	38.0000	14.0000	78/12	79/05
LAB	PH	SU	5	7.96000	.305088	8.50000	7.80000	78/07	79/05
T ALK	CACO3	MG/L	1	15.0000		15.0000	15.0000	79/05	79/05
RESIDUE	DISS-105	C MG/L	2	461.500	41.7193	491.000	432.000	79/04	79/05
RESIDUE	TOT NFLT	MG/L	5	40.8000	33.7817	100.000	18.0000	78/07	79/05
NH3+NH4-	N TOTAL	MG/L	6	.300000	.240583	.640000	.050000	78/07	79/05
NO2-N	TOTAL	MG/L	5	.052000	.040866	.100000	.010000	78/07	79/05
NO3-N	TOTAL	MG/L	5	4.19200	3.44697	8.65000	.380000	78/07	79/05
TOT KJEL	N	MG/L	5	1.54000	.694983	2.60000	1.00000	78/07	79/05
PHOS-TOT		MG/L P	5	.611999	.831366	2.07000	.080000	78/07	79/05
PHOS-DIS		MG/L P	2	.050000	.000061	.050000	.050000	79/04	79/05
T ORG C	C	MG/L	2	12.1500	13.9300	22.0000	2.30000	78/11	79/05
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	79/05	79/05
TOT HARD	CACO3	MG/L	5	328.600	53.9298	423.000	288.000	78/07	79/05
CHLORIDE	CL	MG/L	2	28.5000	33.2340	52.0000	5.00000	79/04	79/05
SULFATE	SO4-TOT	MG/L	2	123.000	25.4558	141.000	105.000	79/04	79/05
FLUORIDE	F,DISS	MG/L	2	.325000	.077781	.380000	.270000	79/04	79/05
SILICA	DISOLVED	MG/L	2	2.65500	3.58503	5.19000	.120000	79/04	79/05
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	78/11	79/05
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/07	79/05
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/05
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/05
IRON	FE,TOT	UG/L	3	1136.67	557.704	1750.00	660.000	78/07	79/05
LEAD	PB,TOT	UG/L	5	10.6000	10.3344	29.0000	5.00000	78/07	79/05
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/07	79/05
ZINC	ZN,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/05
ALUMINUM	AL,TOT	UG/L	1	300.000		300.000	300.000	79/05	79/05
FEC COLI	MFM-FCBR	/100ML	5	3304.00	3781.94	8600.00	100.000	78/07	79/05
FECSTREP	MF M-ENT	/100ML	2	860.000	14.1421	870.000	850.000	79/04	79/05
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	79/05	79/05
MBAS		MG/L	1	.060000		.060000	.060000	79/05	79/05
PCBS	WHL SMPL	UG/L	1	.000000		.000000	.000000	79/05	79/05
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	78/07	79/05

TABLE RD 1-246

STATION NUMBER 610760
40 38 14.0 083 34 24.0 2
SCIOTO R. AT KENTON - C.R. 179
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 206.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	18.8666	7.68920	23.7000	10.0000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	3	1017.00	72.0208	1100.00	971.000	78/09	79/06
DO		MG/L	3	8.86666	1.66237	10.4000	7.10000	78/09	79/06
BOD	5 DAY	MG/L	2	3.00000	1.41421	4.00000	2.00000	78/09	79/03
COD	LOWLEVEL	MG/L	2	14.1000	2.68700	16.0000	12.2000	78/09	79/06
LAB	PH	SU	3	8.10000	.100771	8.20000	8.00000	78/09	79/06
RESIDUE	DISS-105	C MG/L	2	332.500	449.013	650.000	15.0000	79/03	79/06
RESIDUE	TOT NFLT	MG/L	2	34.0000	4.24264	37.0000	31.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	3	.153333	.116762	.280000	.050000	78/09	79/06
NO2-N	TOTAL	MG/L	3	.056667	.005774	.060000	.050000	78/09	79/06
NO3-N	TOTAL	MG/L	3	4.65000	1.82107	6.68000	3.16000	78/09	79/06
TOT KJEL	N	MG/L	3	.833333	.568624	1.30000	.200000	78/09	79/06
PHOS-TOT		MG/L P	3	.480000	.539258	1.10000	.120000	78/09	79/06
TOT HARD	CACO3	MG/L	3	460.666	94.0562	563.000	378.000	78/09	79/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	78/09	78/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	960.000		960.000	960.000	79/06	79/06
LEAD	PB,TOT	UG/L	3	10.3333	3.51191	14.0000	7.00000	78/09	79/06
MANGNESE	MN	UG/L	1	90.0000		90.0000	90.0000	79/06	79/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	79/03	79/06
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/06
ALUMINUM	AL,TOT	UG/L	1	500.000		500.000	500.000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-247

STATION NUMBER 610770
40 40 00.0 083 40 45.0 2
SCIOTO R. AT KENTON - C.R. 106
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 201.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	17.9667	6.46944	21.9000	10.5000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	3	1016.33	124.543	1160.00	939.000	78/09	79/06
DO		MG/L	3	7.80000	3.26039	11.2000	4.70000	78/09	79/06
BOD	5 DAY	MG/L	2	4.30000	.989955	5.00000	3.60000	78/09	79/03
COD	LOWLEVEL	MG/L	2	20.1500	5.44472	24.0000	16.3000	78/09	79/06
LAB	PH	SU	3	8.10000	.100771	8.20000	8.00000	78/09	79/06
RESIDUE	DISS-105	C MG/L	2	732.000	124.451	820.000	644.000	79/03	79/06
RESIDUE	TOT NFLT	MG/L	2	70.5000	26.1629	89.0000	52.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	3	.103333	.050332	.150000	.050000	78/09	79/06
NO2-N	TOTAL	MG/L	3	.030000	.010000	.040000	.020000	78/09	79/06
NO3-N	TOTAL	MG/L	3	2.96000	3.95857	7.50000	.230000	78/09	79/06
TOT KJEL	N	MG/L	3	1.43333	.493291	2.00000	1.10000	78/09	79/06
PHOS-TOT		MG/L P	3	.120000	.121244	.260000	.050000	78/09	79/06
TOT HARD	CACO3	MG/L	3	522.666	76.5022	611.000	478.000	78/09	79/06
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	78/09	78/09
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	1280.00		1280.00	1280.00	79/06	79/06
LEAD	PB,TOT	UG/L	3	9.66667	2.51664	12.0000	7.00000	78/09	79/06
MANGNESE	MN	UG/L	1	80.0000		80.0000	80.0000	79/06	79/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	79/03	79/06
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/06
ALUMINUM	AL,TOT	UG/L	1	700.000		700.000	700.000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-248

STATION NO. 601340
39 37 58.0 082 57 45.0 2
SCIOTO R. NR CIRCLEVILLE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 101.80

PARAMETER			NO.	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	9.22222	7.02599	21.5000	1.30000	77/10	78/06
STREAM	FLOW	CFS	9	3874.78	5227.38	16350.0	326.000	77/10	78/06
CNDUCTVY	FIELD	MICROMHO	9	480.000	125.797	620.000	220.000	77/10	78/06
DO		MG/L	8	8.78749	2.84074	12.3000	4.90000	77/10	78/06
BOD	5 DAY	MG/L	8	3.73750	.892731	5.00000	2.40000	77/11	78/06
COD	LOWLEVEL	MG/L	9	19.4444	3.08672	24.0000	15.0000	77/10	78/06
PH		SU	9	7.55555	.173993	7.80000	7.20000	77/10	78/06
RESIDUE	TOTAL	MG/L	1	533.000		533.000	533.000	77/10	77/10
RESIDUE	DISS-105	C MG/L	1	451.000		451.000	451.000	77/10	77/10
RESIDUE	TOT NFLT	MG/L	9	44.4444	38.9555	104.000	10.0000	77/10	78/06
NH3+NH4-	N TOTAL	MG/L	9	.973333	1.04686	3.48000	.190000	77/10	78/06
NO2-N	TOTAL	MG/L	9	.150000	.131149	.370000	.010000	77/10	78/06
NO3-N	TOTAL	MG/L	9	3.60222	.844269	5.53000	2.71000	77/10	78/06
TOT KJEL	N	MG/L	9	1.95555	1.33801	5.00000	.900000	77/10	78/06
PHOS-TOT		MG/L P	9	1.40000	.882083	2.82000	.410000	77/10	78/06
TOT HARD	CACO3	MG/L	2	197.500	74.2462	250.000	145.000	78/03	78/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/12	78/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	78/06	78/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/12	78/06
LEAD	PB,TOT	UG/L	3	5.33333	.577359	6.00000	5.00000	77/12	78/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/12	78/06
ZINC	ZN,TOT	UG/L	2	35.0000	7.07107	40.0000	30.0000	77/12	78/03
FEC COLI	MFM-FCBR	/100ML	9	1741.22	2767.28	7700.00	58.0000	77/10	78/06
FECSTREP	MF M-ENT	/100ML	5	651.600	983.017	2400.00	48.0000	77/10	78/04
PHENOLS	TOTAL	UG/L	8	12.1250	17.7236	54.0000	2.00000	77/11	78/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-249

STATION NUMBER 601340
39 37 58.0 082 57 45.0 2
SCIOTO R. NR CIRCLEVILLE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 101.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	18	10.8278	8.33510	24.2000	.000000	78/07	79/06
STREAM	FLOW	CFS	10	2542.65	3855.09	12133.0	250.600	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	11	564.909	196.758	810.000	187.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	7	533.714	101.769	736.000	440.000	78/11	78/12
DO		MG/L	18	8.18888	3.06554	12.8000	4.00000	78/07	79/06
BOD	5 DAY	MG/L	16	7.25000	4.68330	21.0000	3.00000	78/07	79/04
COD	LOWLEVEL	MG/L	12	21.4167	5.50145	33.0000	12.0000	78/07	79/06
PH		SU	11	7.55454	.269729	7.90000	7.10000	78/07	79/06
LAB	PH	SU	7	7.67142	.221614	7.80000	7.20000	78/11	78/12
T ALK	CACO3	MG/L	6	186.667	26.5836	220.000	140.000	78/11	78/12
RESIDUE	TOT NFLT	MG/L	13	34.2308	39.0921	155.000	7.00000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	18	.916666	.809935	2.59000	.120000	78/07	79/06
NO2-N	TOTAL	MG/L	18	.211111	.156801	.550000	.050000	78/07	79/06
NO3-N	TOTAL	MG/L	18	3.60055	1.21871	6.22000	.920000	78/07	79/06
TOT KJEL	N	MG/L	12	1.92500	1.10628	4.20000	.100000	78/07	79/06
PHOS-TOT		MG/L P	18	1.46277	1.11582	5.05000	.250000	78/07	79/06
TOT HARD	CACO3	MG/L	4	256.250	83.7153	324.000	134.000	78/09	79/06
CHLORIDE	CL	MG/L	6	49.1667	6.11312	55.0000	38.0000	78/11	78/12
CADMIUM	CD,TOT	UG/L	4	5.25000	.500000	6.00000	5.00000	78/09	79/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	79/06	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	1120.00		1120.00	1120.00	79/06	79/06
LEAD	PB,TOT	UG/L	4	15.2500	7.13559	25.0000	8.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	16	6951.25	11106.3	40000.0	100.000	78/07	79/06
PHENOLS	TOTAL	UG/L	12	5.58333	4.10008	14.0000	2.00000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-250

STATION NUMBER 600770
39 12 44.0 082 51 35.0 2
SCIOTO R. BL CHILLICOTHE-HIGBY
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 056.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	52	14.1173	9.54639	29.0000	.000000	77/07	78/06
STREAM	FLOW	CFS	49	5207.94	7744.56	34860.0	350.000	77/07	78/06
TURB	JKSN	JTU	3	29.6667	7.23425	38.0000	25.0000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	3	753.333	92.9193	830.000	650.000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	48	668.458	127.880	950.000	350.000	77/07	78/06
DO		MG/L	52	8.62111	2.85457	13.6000	3.70000	77/07	78/06
BOD	5 DAY	MG/L	51	5.00392	1.70856	11.8000	2.00000	77/07	78/06
COD	LOWLEVEL	MG/L	3	37.3333	21.3854	56.0000	14.0000	77/07	77/09
PH		SU	2	7.80000	.141490	7.90000	7.70000	77/07	77/08
LAB	PH	SU	50	7.96497	.215191	8.45000	7.00000	77/07	78/06
T ALK	CACO3	MG/L	1	200.000		200.000	200.000	77/08	77/08
T ACDITY	CACO3	MG/L	1	13.0000		13.0000	13.0000	77/08	77/08
RESIDUE	TOTAL	MG/L	3	522.000	71.1899	568.000	440.000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	442.666	55.8709	492.000	382.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	54.0000	9.84886	65.0000	46.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	.073333	.032146	.110000	.050000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.043333	.015275	.060000	.030000	77/07	77/09
NO3-N	TOTAL	MG/L	3	1.49000	.365106	1.86000	1.13000	77/07	77/09
TOT KJEL	N	MG/L	3	1.50000	.264576	1.80000	1.30000	77/07	77/09
PHOS-TOT		MG/L P	22	.599999	.283566	1.45000	.250000	77/07	78/06
T ORG C	C	MG/L	3	18.6667	7.37116	27.0000	13.0000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	1	294.000	9.0000	60.0000		77/08	77/08
PTSSIUM	K,TOT	MG/L	1	5.80000		5.80000	5.80000	77/08	77/08
CHLORIDE	CL	MG/L	3	50.0000	10.5357	60.0000	39.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	1	120.000		120.000	120.000	77/08	77/08
FLUORIDE	F,DISS	MG/L	1	.630000		.630000	.630000	77/08	77/08

TABLE RD 1-250 (Continued)

STATION NUMBER 600770
39 12 44.0 082 51 35.0 2
SCIOTO R. BL CHILLICOTHE-HIGBY
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 056.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
IRON	FE,TOT	UG/L	1	1280.00		1280.00	1280.00	77/08	77/08
LEAD	PB,TOT	UG/L	1	12.0000		12.0000	12.0000	77/08	77/08
MANGNESE	MN	UG/L	1	150.000		150.000	150.000	77/08	77/08
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	40.0000		40.0000	40.0000	77/08	77/08
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	3	573.333	546.016	1200.00	200.000	77/07	77/09
FECSTREP	MF M-ENT	/100ML	3	560.000	144.222	680.000	400.000	77/07	77/09
PHENOLS	TOTAL	UG/L	3	5.33333	4.16333	10.0000	2.00000	77/07	77/09
MBAS		MG/L	3	.176667	.045092	.220000	.130000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	77/08	77/08

TABLE RD 1-251

STATION NUMBER 600770
39 12 44.0 082 51 35.0 2
SCIOTO R. BL CHILLICOTHE-HIGBY
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 056.00

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	50	13.3300	8.79333	26.5000	.000000	78/07	79/06
STREAM	FLOW	CFS	49	5309.83	6963.67	33740.0	500.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	50	649.800	117.987	890.000	315.000	78/07	79/06
DO		MG/L	50	8.98595	2.31275	13.4000	5.00000	78/07	79/06
BOD	5 DAY	MG/L	48	4.02083	1.23011	7.80000	1.80000	78/07	79/06
LAB	PH	SU	50	7.93696	.220124	8.80000	7.60000	78/07	79/06
PHOS-TOT		MG/L P	18	.519444	.201858	.950000	.250000	78/07	79/06

TABLE RD 1-252

STATION NUMBER 601300
39 42 03.0 083 06 35.0 2
BIG DARBY CREEK AT DARBYVILLE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 101.00 013.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	10.5182	8.80691	23.0000	.000000	77/08	78/06
STREAM	FLOW	CFS	11	588.818	1031.94	3560.00	28.0000	77/07	78/06
TURB	JKSN	JTU	3	18.6667	8.62172	28.0000	11.0000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	10	548.500	167.267	750.000	250.000	77/08	78/06
DO		MG/L	10	10.6700	2.42766	13.7000	7.90000	77/08	78/06
BOD	5 DAY	MG/L	3	3.36667	.550754	3.90000	2.80000	77/07	77/09
COD	LOWLEVEL	MG/L	12	14.8333	6.23529	26.0000	5.00000	77/07	78/06
PH		SU	9	8.04444	.088388	8.20000	7.90000	77/10	78/06
LAB	PH	SU	1	8.20000		8.20000	8.20000	77/08	77/08
T ALK	CACO3	MG/L	1	238.000		238.000	238.000	77/08	77/08
T ACDITY	CACO3	MG/L	1	.000000		.000000	.000000	77/08	77/08
RESIDUE	TOTAL	MG/L	4	496.750	44.8952	558.000	450.000	77/07	77/10
RESIDUE	DISS-105	C MG/L	4	429.750	37.8451	484.000	396.000	77/07	77/10
RESIDUE	TOT NFLT	MG/L	12	28.0000	18.6596	57.0000	10.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	5.00000		5.00000	5.00000	77/08	77/08
NH3+NH4-	N TOTAL	MG/L	12	.100000	.064807	.220000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	12	.020833	.013114	.050000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	12	3.18250	2.33975	6.90000	.050000	77/07	78/06
TOT KJEL	N	MG/L	12	.733333	.308466	1.40000	.400000	77/07	78/06
PHOS-TOT		MG/L P	12	.277500	.167719	.580000	.050000	77/07	78/06
T ORG C	C	MG/L	3	13.6667	5.13162	18.0000	8.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	77/09	77/09
TOT HARD	CACO3	MG/L	3	280.000	83.1625	344.000	186.000	77/08	78/06
CALCIUM	CA-TOT	MG/L	1	69.0000		69.0000	69.0000	77/08	77/08
MGNSIUM	MG,TOT	MG/L	1	37.0000		37.0000	37.0000	77/08	77/08
SODIUM	NA,TOT	MG/L	1	27.0000		27.0000	27.0000	77/08	77/08
PTSSIUM	K,TOT	MG/L	1	2.60000		2.60000	2.60000	77/08	77/08
CHLORIDE	CL	MG/L	3	40.6667	12.6624	55.0000	31.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	1	82.0000		82.0000	82.0000	77/08	77/08
FLUORIDE	F,DISS	MG/L	1	.690000		.690000	.690000	77/08	77/08

TABLE RD 1-252 (Continued)

STATION NUMBER 601300
39 42 03.0 083 06 35.0 2
BIG DARBY CREEK AT DARBYVILLE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 101.00 013.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/08	78/06
CHROMIUM	HEX-VAL	UG/L	2	30.0000	.000000	30.0000	30.0000	77/08	78/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/08	78/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/08	78/06
IRON	FE,TOT	UG/L	1	1000.00		1000.00	1000.00	77/08	77/08
LEAD	PB,TOT	UG/L	4	10.0000	8.04156	22.0000	5.00000	77/08	78/06
MANGNESE	MN	UG/L	1	110.000		110.000	110.000	77/08	77/08
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/12	78/06
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/08	78/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	11	530.182	397.289	1200.00	71.0000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	7	880.428	1528.99	4200.00	52.0000	77/07	78/04
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	77/09	78/06
MBAS		MG/L	3	.090000	.026457	.120000	.070000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-253

STATION NUMBER 601300
39 42 03.0 083 06 35.0 2
BIG DARBY CREEK AT DARBYVILLE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 101.00 013.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	12.1917	9.48151	24.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	9	513.866	784.549	2349.00	50.2000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	11	574.182	180.303	800.000	284.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	679.000		679.000	679.000	78/12	78/12
DO		MG/L	12	10.4750	2.88418	17.5000	7.10000	78/07	79/06
BOD	5 DAY	MG/L	6	2.80000	1.35647	4.00000	1.00000	78/08	79/04
COD	LOWLEVEL	MG/L	12	11.8333	5.11386	20.0000	4.00000	78/07	79/06
PH		SU	11	8.02727	.245367	8.50000	7.70000	78/07	79/06
LAB	PH	SU	1	7.60000		7.60000	7.60000	78/12	78/12
RESIDUE	TOT NFLT	MG/L	12	80.7500	201.666	720.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.100833	.063598	.230000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.020000	.014142	.050000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	3.29166	2.54968	6.59000	.150000	78/07	79/06
TOT KJEL	N	MG/L	12	.575000	.200568	.900000	.300000	78/07	79/06
PHOS-TOT		MG/L P	12	.473333	1.01572	3.68000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	4	304.750	62.4893	372.000	226.000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	HEX-VAL	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	2	1485.00	544.472	1870.00	1100.00	79/03	79/06
LEAD	PB,TOT	UG/L	4	15.7500	7.22842	22.0000	9.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	10	1050.30	1440.35	4400.00	60.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	3.50000	2.38048	7.00000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-254

STATION NUMBER 610740
40 33 14.0 083 11 07.0 2
L. SCIOTO AT MARION - S.R. 739
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 179.30 002.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	17.2333	6.16469	22.6000	10.5000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	3	1062.67	136.828	1190.00	918.000	78/09	79/06
DO		MG/L	3	6.49999	3.13211	10.1000	4.40000	78/09	79/06
BOD	5 DAY	MG/L	3	4.00000	2.40000	6.40000	1.60000	78/09	79/06
COD	LOWLEVEL	MG/L	2	15.0000	4.24264	18.0000	12.0000	78/09	79/06
LAB	PH	SU	3	7.46666	.305650	7.80000	7.20000	78/09	79/06
RESIDUE	DISS-105	C MG/L	2	315.000	431.335	620.000	10.0000	79/03	79/06
RESIDUE	TOT NFLT	MG/L	2	10.0000	.000000	10.0000	10.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	3	.396667	.081446	.490000	.340000	78/09	79/06
NO2-N	TOTAL	MG/L	3	.186667	.020816	.210000	.170000	78/09	79/06
NO3-N	TOTAL	MG/L	3	9.49999	3.03829	12.2000	6.21000	78/09	79/06
TOT KJEL	N	MG/L	3	1.63333	.251665	1.90000	1.40000	78/09	79/06
PHOS-TOT		MG/L P	3	.190000	.104403	.310000	.120000	78/09	79/06
TOT HARD	CACO3	MG/L	3	314.333	33.3832	337.000	276.000	78/09	79/06
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	560.000		560.000	560.000	79/06	79/06
LEAD	PB,TOT	UG/L	3	9.00000	4.35890	14.0000	6.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	79/03	79/03
ZINC	ZN,TOT	UG/L	3	53.3333	32.1455	90.0000	30.0000	78/09	79/06
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	79/06	79/06
MBAS		MG/L	1	.240000		.240000	.240000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-255

STATION NUMBER 610750
40 36 40.0 083 11 01.0 2
L. SCIOTO R. AT MARION - RT. 309
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 179.30 008.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	17.0333	6.32880	22.5000	10.1000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	3	730.666	3.16228	734.000	728.000	78/09	79/06
DO		MG/L	3	6.73333	4.00167	10.8000	2.80000	78/09	79/06
BOD	5 DAY	MG/L	3	3.36667	1.83394	4.80000	1.30000	78/09	79/06
COD	LOWLEVEL	MG/L	2	19.0000	7.07107	24.0000	14.0000	78/09	79/06
LAB	PH	SU	3	7.93333	.208555	8.10000	7.70000	78/09	79/06
RESIDUE	DISS-105	C MG/L	1	434.000		434.000	434.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	3	27.6667	26.3122	58.0000	11.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	3	.060000	.010000	.070000	.050000	78/09	79/06
NO2-N	TOTAL	MG/L	3	.023333	.023094	.050000	.010000	78/09	79/06
NO3-N	TOTAL	MG/L	3	3.87333	3.61250	7.30000	.100000	78/09	79/06
TOT KJEL	N	MG/L	3	.800000	.173207	1.00000	.700000	78/09	79/06
PHOS-TOT		MG/L P	3	.090000	.052915	.150000	.050000	78/09	79/06
TOT HARD	CACO3	MG/L	3	338.000	18.6815	358.000	321.000	78/09	79/06
ARSENIC	AS,TOT	UG/L	2	15.0000	7.07107	20.0000	10.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	2990.00		2990.00	2990.00	79/06	79/06
LEAD	PB,TOT	UG/L	2	6.00000	1.41421	7.00000	5.00000	78/09	79/03
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	79/03	79/03
ZINC	ZN,TOT	UG/L	3	43.3333	23.0941	70.0000	30.0000	78/09	79/06
ALUMINUM	AL,TOT	UG/L	1	1400.00		1400.00	1400.00	79/06	79/06
MBAS		MG/L	1	.080000		.080000	.080000	79/06	79/06
MERCURY	HG,TOTAL	UG/L	3	.933333	.750555	1.80000	.500000	78/09	79/06

TABLE RD 1-256

STATION NUMBER 601350
40 15 21.0 083 20 43.0 2
MILL CRK. BL MARYSVILLE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 157.20 017.20

PARAMETER			No.	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	6	10.1667	10.6427	24.0000	.000000	77/12	78/06
STREAM	FLOW	CFS	2	57.0000	33.9411	81.0000	33.0000	77/12	78/04
CNDUCTVY	FIELD	MICROMHO	5	588.000	289.689	920.000	230.000	78/02	78/06
CNDUCTVY	AT 25C	MICROMHO	1	827.000		827.000	827.000	77/12	77/12
DO		MG/L	6	9.71666	3.60024	13.5000	4.80000	77/12	78/06
BOD	5 DAY	MG/L	1	5.00000		5.00000	5.00000	78/06	78/06
COD	LOWLEVEL	MG/L	6	24.0000	10.2372	43.0000	16.0000	77/12	78/06
PH		SU	4	7.77499	.126255	7.90000	7.60000	78/03	78/06
LAB	PH	SU	2	7.60000	.565705	8.00000	7.20000	77/12	78/02
RESIDUE	TOT NFLT	MG/L	6	26.1667	15.0123	47.0000	10.0000	77/12	78/06
NH3+NH4-	N TOTAL	MG/L	6	.826666	.441890	1.31000	.310000	77/12	78/06
NO2-N	TOTAL	MG/L	6	.063333	.035024	.120000	.020000	77/12	78/06
NO3-N	TOTAL	MG/L	6	2.85333	1.62882	5.07000	.870000	77/12	78/06
TOT KJEL	N	MG/L	6	1.55000	.692098	2.50000	.700000	77/12	78/06
PHOS-TOT		MG/L P	5	.626000	.460033	1.21000	.060000	78/02	78/06
CYANIDE	CN-TOT	MG/L	6	.010000-	.000000	.010000	.010000	77/12	78/06
TOT HARD	CACO3	MG/L	2	254.000	115.966	336.000	172.000	78/03	78/06
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	78/04	78/05
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	77/12	78/06
CHROMIUM	HEX-VAL	UG/L	3	30.0000	.000000	30.0000	30.0000	78/03	78/06
CHROMIUM	CR,TOT	UG/L	5	32.0000	4.47214	40.0000	30.0000	77/12	78/06
COPPER	CU,TOT	UG/L	5	47.0000	20.4939	80.0000	30.0000	77/12	78/06
LEAD	PB,TOT	UG/L	5	5.20000	.447240	6.00000	5.00000	77/12	78/06
NICKEL	NI,TOTAL	UG/L	5	120.000	44.7214	200.000	100.000	77/12	78/06
ZINC	ZN,TOT	UG/L	5	61.0000	55.9464	160.000	30.0000	77/12	78/06
FEC COLI	MFM-FCBR	/100ML	6	3825.50	7575.08	19000.0	13.0000	77/12	78/06
FECSTREP	MF M-ENT	/100ML	4	2157.00	3653.17	7600.00	36.0000	78/02	78/05
PHENOLS	TOTAL	UG/L	2	3.50000	.707107	4.00000	3.00000	77/12	78/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-257

STATION NUMBER 601350
40 15 21.0 083 20 43.0 2
MILL CRK. BL MARYSVILLE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 157.20 017.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	11	10.4727	9.51032	24.5000	.000000	78/07	79/06
STREAM	FLOW	CFS	10	243.242	452.194	1461.00	5.00000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	9	663.889	406.485	1325.00	182.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	2	1370.00	197.990	1510.00	1230.00	78/09	78/11
DO		MG/L	11	8.47272	3.60697	12.4000	3.60000	78/07	79/06
BOD	5 DAY	MG/L	10	4.95000	3.48369	11.0000	1.00000	78/07	79/06
COD	LOWLEVEL	MG/L	11	23.0000	6.08276	36.0000	11.0000	78/07	79/06
PH		SU	9	7.63333	.455543	8.50000	6.80000	78/07	79/06
LAB	PH	SU	2	7.80000	.141490	7.90000	7.70000	78/10	78/11
RESIDUE	TOT NFLT	MG/L	11	26.2727	22.9133	83.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	11	2.48181	2.64248	7.84000	.070000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.167272	.175048	.520000	.020000	78/07	79/06
NO3-N	TOTAL	MG/L	11	3.89545	5.32587	18.8000	.280000	78/07	79/06
TOT KJEL	N	MG/L	11	3.94545	2.57308	9.20000	1.20000	78/07	79/06
PHOS-TOT		MG/L P	11	1.77454	2.40112	7.80000	.120000	78/07	79/06
CYANIDE	CN-TOT	MG/L	10	.015000	.012693	.050000	.010000	78/07	79/06
TOT HARD	CACO3	MG/L	4	307.000	131.631	464.000	148.000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	HEX-VAL	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/03
CHROMIUM	CR,TOT	UG/L	4	35.0000	10.0000	50.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	3	56.6667	46.1880	110.000	30.0000	78/12	79/06
IRON	FE,TOT	UG/L	1	810.000		810.000	810.000	79/06	79/06
LEAD	PB,TOT	UG/L	4	49.7500	43.3926	100.000	13.0000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	125.000	50.0000	200.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	45.0000	19.1485	70.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	11	779.245	1353.21	4300.00	1.60000	78/07	79/06
PHENOLS	TOTAL	UG/L	10	4.30000	2.05751	8.00000	2.00000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	4	1.62500	2.25000	5.00000	.500000	78/09	79/06

TABLE RD 1-258

STATION NUMBER 601290
40 06 37.0 083 01 55.0 2
OLENTANGY RIVER NEAR WORTHINGTON
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 133.30 011.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	13.7500	10.0109	28.5000	.000000	77/07	78/06
STREAM	FLOW	CFS	12	154.250	182.611	600.000	5.00000	77/07	78/06
TURB	JKSN	JTU	3	39.3333	48.2321	95.0000	10.0000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	12	557.500	203.017	850.000	300.000	77/07	78/06
DO		MG/L	12	9.54166	2.84685	13.6000	5.70000	77/07	78/06
BOD	5 DAY	MG/L	3	3.93333	3.17700	7.60000	2.00000	77/07	77/09
COD	LOWLEVEL	MG/L	11	19.5454	9.74030	42.0000	10.0000	77/07	78/06
PH		SU	10	7.73999	.271733	8.10000	7.30000	77/07	78/06
LAB	PH	SU	2	7.60000	.424255	7.90000	7.30000	77/08	77/09
T ALK	CACO3	MG/L	1	146.000		146.000	146.000	77/08	77/08
T ACDITY	CACO3	MG/L	1	3.00000		3.00000	3.00000	77/08	77/08
RESIDUE	TOTAL	MG/L	4	521.000	37.8242	560.000	470.000	77/07	77/10
RESIDUE	DISS-105	C MG/L	4	433.500	31.2250	480.000	414.000	77/07	77/10
RESIDUE	TOT NFLT	MG/L	12	40.5833	43.9762	157.000	10.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	12	.191666	.173144	.630000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	11	.049091	.030807	.120000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	12	2.60666	1.63066	4.54000	.140000	77/07	78/06
TOT KJEL	N	MG/L	12	.833333	.517570	1.90000	.200000	77/07	78/06
PHOS-TOT		MG/L P	12	.301666	.172249	.630000	.050000	77/07	78/06
T ORG C	C	MG/L	3	15.0000	5.29150	21.0000	11.0000	77/07	77/09
CYANIDE	CN-TOT	MG/L	3	.010000	.000000	.010000	.010000	77/07	77/09
TOT HARD	CACO3	MG/L	2	269.500	12.0208	278.000	261.000	77/08	78/06
CALCIUM	CA-TOT	MG/L	1	65.0000		65.0000	65.0000	77/08	77/08
MGNSIUM	MG,TOT	MG/L	1	27.0000		27.0000	27.0000	77/08	77/08
SODIUM	NA,TOT	MG/L	1	32.0000		32.0000	32.0000	77/08	77/08
PTSSIUM	K,TOT	MG/L	1	4.40000		4.40000	4.40000	77/08	77/08
CHLORIDE	CL	MG/L	3	56.6667	9.86590	68.0000	50.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	1	110.000		110.000	110.000	77/08	77/08
FLUORIDE	F,DISS	MG/L	1	.510000		.510000	.510000	77/08	77/08

TABLE RD 1-258 (Continued)

STATION NUMBER 601290
40 06 37.0 083 01 55.0 2
OLENTANGY RIVER NEAR WORTHINGTON
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 133.30 011.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/08	78/06
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	78/06	78/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/08	78/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/08	78/03
IRON	FE,TOT	UG/L	1	930.000		930.000	930.000	77/08	77/08
LEAD	PB,TOT	UG/L	4	7.50000	3.78594	13.0000	5.00000	77/08	78/06
MANGNESE	MN	UG/L	1	100.000		100.000	100.000	77/08	77/08
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/12	78/06
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/08	78/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	10	1787.70	2040.92	5300.00	27.0000	77/07	78/05
FECSTREP	MF M-ENT	/100ML	8	2012.50	3274.28	8200.00	100.000	77/07	78/05
PHENOLS	TOTAL	UG/L	4	2.50000	1.00000	4.00000	2.00000	77/07	78/06
MBAS		MG/L	3	.116667	.005774	.120000	.110000	77/07	77/09
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/12	78/06

TABLE RD 1-259

STATION NUMBER 601290
40 06 37.0 083 01 55.0 2
OLENTANGY RIVER NEAR WORTHINGTON
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 133.30 011.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	11.7750	9.31256	24.0000	.000000	78/07	79/06
STREAM	FLOW	CFS	11	344.551	526.794	1598.00	13.5000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	11	569.091	188.598	850.000	250.000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	1	814.000		814.000	814.000	78/11	78/11
DO		MG/L	12	9.72499	2.99033	16.0000	5.00000	78/07	79/06
BOD	5 DAY	MG/L	7	4.35714	3.56738	11.0000	1.00000	78/08	79/06
COD	LOWLEVEL	MG/L	12	15.8333	2.94907	19.0000	12.0000	78/07	79/06
PH		SU	10	7.84000	.374711	8.50000	7.20000	78/07	79/06
LAB	PH	SU	2	7.70000	.141436	7.80000	7.60000	78/10	78/11
RESIDUE	TOT NFLT	MG/L	12	22.0000	16.6351	66.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.217500	.144922	.490000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.042500	.024541	.110000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	2.85250	2.67970	9.69000	.540000	78/07	79/06
TOT KJEL	N	MG/L	12	1.02500	.310790	1.50000	.400000	78/07	79/06
PHOS-TOT		MG/L P	12	.295000	.225650	.810000	.080000	78/07	79/06
TOT HARD	CACO3	MG/L	4	265.750	63.2844	313.000	173.000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	7.25000	2.87228	11.0000	5.00000	78/09	79/06
CHROMIUM	HEX-VAL	UG/L	3	30.0000	.000000	30.0000	30.0000	78/09	79/03
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/12	79/06
IRON	FE,TOT	UG/L	1	1950.00		1950.00	1950.00	79/06	79/06
LEAD	PB,TOT	UG/L	4	45.5000	73.6772	156.000	7.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/09	79/06
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	11	4456.36	4987.61	17000.0	540.000	78/07	79/06
PHENOLS	TOTAL	UG/L	4	2.00000	.000000	2.00000	2.00000	78/09	79/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-260

STATION NUMBER 600740
39 31 03.0 083 25 02.0 2
PAINT CR BL WASHINGTON C. H.
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 063.80 064.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	21.0000		21.0000	21.0000	78/07	78/07
STREAM	FLOW	CFS	1	9.00000		9.00000	9.00000	78/07	78/07
CNDUCTVY	FIELD	MICROMHO	1	800.000		800.000	800.000	78/07	78/07
DO		MG/L	1	4.10000		4.10000	4.10000	78/07	78/07
COD	LOWLEVEL	MG/L	1	19.0000		19.0000	19.0000	78/07	78/07
PH		SU	1	7.30000		7.30000	7.30000	78/07	78/07
RESIDUE	TOT NFLT	MG/L	1	26.0000		26.0000	26.0000	78/07	78/07
NH3+NH4-	N TOTAL	MG/L	1	2.11000		2.11000	2.11000	78/07	78/07
NO2-N	TOTAL	MG/L	1	.050000		.050000	.050000	78/07	78/07
NO3-N	TOTAL	MG/L	1	.280000		.280000	.280000	78/07	78/07
TOT KJEL	N	MG/L	1	2.50000		2.50000	2.50000	78/07	78/07
PHOS-TOT		MG/L P	1	3.93000		3.93000	3.93000	78/07	78/07
TOT HARD	CACO3	MG/L	1	350.000		350.000	350.000	78/07	78/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
IRON	FE,TOT	UG/L	1	1900.00		1900.00	1900.00	78/07	78/07
LEAD	PB,TOT	UG/L	1	8.00000		8.00000	8.00000	78/07	78/07
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/07	78/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/07	78/07

TABLE RD 1-261

STATION NUMBER 601320
39 15 49.0 083 10 01.0 2
PAINT CREEK NEAR BOURNEVILLE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 063.80 021.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	8	15.6625	9.94254	26.0000	1.00000	77/07	78/06
STREAM	FLOW	CFS	9	1236.33	1489.27	4460.00	84.0000	77/07	78/06
TURB	JKSN	JTU	3	21.0333	13.9787	37.0000	11.0000	77/07	77/09
CNDUCTVY	FIELD	MICROMHO	3	466.666	28.8715	500.000	450.000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	4	471.500	54.4885	530.000	400.000	78/01	78/05
DO		MG/L	7	8.88571	1.92047	12.7000	7.10000	77/07	78/06
BOD	5 DAY	MG/L	4	2.35000	1.20692	3.20000	.600000	77/07	78/01
COD	LOWLEVEL	MG/L	9	15.6444	7.66732	29.8000	8.00000	77/07	78/06
PH		SU	4	7.60000	.432066	8.20000	7.20000	77/07	78/06
LAB	PH	SU	6	7.59333	.814780	8.21000	5.96000	77/08	78/05
T ALK	CACO3	MG/L	3	127.333	103.346	187.000	8.00000	77/08	78/03
T ACDITY	CACO3	MG/L	2	7.50000	4.94975	11.0000	4.00000	77/08	78/03
RESIDUE	TOTAL	MG/L	4	325.250	26.8002	346.000	286.000	77/07	78/02
RESIDUE	DISS-105	C MG/L	4	277.000	38.6695	327.000	245.000	77/07	78/02
RESIDUE	TOT NFLT	MG/L	9	45.3333	27.8388	100.000	15.0000	77/07	78/06
OIL-GRSE	TOT-SXLT	MG/L	1	.500000		.500000	.500000	77/08	77/08
NH3+NH4-	N TOTAL	MG/L	9	.132222	.071024	.240000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	7	.031429	.024103	.070000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	9	2.66000	1.69312	4.59000	.360000	77/07	78/06
TOT KJEL	N	MG/L	9	.777777	.192210	1.10000	.500000	77/07	78/06
PHOS-TOT		MG/L P	9	.387777	.514412	1.60000	.050000	77/07	78/06
T ORG C	C	MG/L	3	8.33333	7.02377	15.0000	1.00000	77/07	77/09
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	77/08	77/09
TOT HARD	CACO3	MG/L	2	251.500	14.8492	262.000	241.000	77/08	78/05
CALCIUM	CA-TOT	MG/L	1	55.0000		55.0000	55.0000	77/08	77/08
MGNSIUM	MG,TOT	MG/L	1	27.0000		27.0000	27.0000	77/08	77/08
SODIUM	NA,TOT	MG/L	1	8.00000		8.00000	8.00000	77/08	77/08
PTSSIUM	K,TOT	MG/L	1	2.50000		2.50000	2.50000	77/08	77/08
CHLORIDE	CL	MG/L	3	17.3333	2.51667	20.0000	15.0000	77/07	77/09
SULFATE	SO4-TOT	MG/L	1	37.0000		37.0000	37.0000	77/08	77/08
FLUORIDE	F,DISS	MG/L	1	.390000		.390000	.390000	77/08	77/08

TABLE RD 1-261

STATION NUMBER 601320
39 15 49.0 083 10 01.0 2
PAINT CREEK NEAR BOURNEVILLE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 063.80 021.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/08	77/08
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	77/08	78/05
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/08	78/05
COPPER	CU,TOT	UG/L	3	33.3333	5.77355	40.0000	30.0000	77/08	78/05
IRON	FE,TOT	UG/L	3	2143.33	2345.30	4800.00	360.000	77/08	78/05
LEAD	PB,TOT	UG/L	3	17.6667	17.7858	38.0000	5.00000	77/08	78/05
MANGNESE	MN	UG/L	3	123.333	66.5834	200.000	80.0000	77/08	78/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/03	78/05
SILVER	AG,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/08	78/05
ALUMINUM	AL,TOT	UG/L	1	2600.00		2600.00	2600.00	78/03	78/03
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	7	937.714	1979.98	5400.00	3.00000	77/08	78/06
FECSTREP	MF M-ENT	/100ML	3	580.000	466.047	1100.00	200.000	77/07	77/09
PHENOLS	TOTAL	UG/L	5	2.00000	.000000	2.00000	2.00000	77/07	78/06
MBAS		MG/L	4	.075000	.026458	.110000	.050000	77/07	78/05
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/03	78/05

TABLE RD 1-262

STATION NUMBER 601320
39 15 49.0 083 10 01.0 2
PAINT CREEK NEAR BOURNEVILLE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 063.80 021.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	12	12.7500	7.73863	22.0000	1.00000	78/07	79/06
STREAM	FLOW	CFS	12	1400.83	2142.69	7737.00	63.0000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	5	376.200	153.171	636.000	264.000	78/07	79/04
CNDUCTVY	AT 25C	MICROMHO	5	513.400	94.7919	599.000	367.000	78/09	79/06
DO		MG/L	11	10.1636	2.26065	14.7000	7.40000	78/07	79/06
COD	LOWLEVEL	MG/L	12	11.1667	5.84393	19.0000	4.00000	78/07	79/06
PH		SU	12	7.89999	.289226	8.30000	7.20000	78/07	79/06
T ALK	CACO3	MG/L	1	204.000		204.000	204.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	12	28.4167	26.9797	105.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.114166	.069473	.240000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.038333	.039504	.150000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	3.40500	1.93624	7.93000	1.09000	78/07	79/06
TOT KJEL	N	MG/L	12	.600000	.255841	1.20000	.300000	78/07	79/06
PHOS-TOT		MG/L P	12	.086667	.051227	.190000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	4	234.000	54.9181	266.000	152.000	78/08	79/05
CHLORIDE	CL	MG/L	1	22.0000		22.0000	22.0000	78/07	78/07
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	3	1500.00	1732.77	3500.00	450.000	78/08	79/05
LEAD	PB,TOT	UG/L	3	6.33333	1.15472	7.00000	5.00000	78/08	79/05
MANGNESE	MN	UG/L	1	70.0000		70.0000	70.0000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	78/08	79/05
FEC COLI	MFM-FCBR	/100ML	12	312.250	215.358	800.000	87.0000	78/07	79/06
PHENOLS	TOTAL	UG/L	5	2.80000	1.78886	6.00000	2.00000	78/07	79/05
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-263

STATION NUMBER 610800
39 13 06.0 083 23 08.0 2
ROCKY FK NR BARRETTS MILLS
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 063.80 037.70 002.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	15.5000		15.5000	15.5000	78/05	78/05
STREAM	FLOW	CFS	2	667.500	437.699	977.000	358.000	78/01	78/05
CNDUCTVY	AT 25C	MICROMHO	2	411.000	19.7990	425.000	397.000	78/01	78/05
DO		MG/L	1	10.6000		10.6000	10.6000	78/05	78/05
BOD	5 DAY	MG/L	1	.300000		.300000	.300000	78/01	78/01
COD	LOWLEVEL	MG/L	2	8.50000	.707107	9.00000	8.00000	78/01	78/05
PH		SU	1	8.20000		8.20000	8.20000	78/05	78/05
LAB	PH	SU	2	7.96000	.198028	8.10000	7.82000	78/01	78/05
T ALK	CACO3	MG/L	1	171.000		171.000	171.000	78/01	78/01
RESIDUE	TOT NFLT	MG/L	2	7.00000	4.24264	10.0000	4.00000	78/01	78/05
NH3+NH4-	N TOTAL	MG/L	2	.115000	.007071	.120000	.110000	78/01	78/05
NO2-N	TOTAL	MG/L	2	.015000	.007071	.020000	.010000	78/01	78/05
NO3-N	TOTAL	MG/L	2	1.34500	.049488	1.38000	1.31000	78/01	78/05
TOT KJEL	N	MG/L	2	.450000	.070711	.500000	.400000	78/01	78/05
PHOS-TOT		MG/L P	2	.345000	.021212	.360000	.330000	78/01	78/05
TOT HARD	CACO3	MG/L	2	191.000	4.24264	194.000	188.000	78/01	78/05
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/01	78/05
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/01	78/05
COPPER	CU,TOT	UG/L	2	35.0000	7.07107	40.0000	30.0000	78/01	78/05
IRON	FE,TOT	UG/L	2	245.000	63.6396	290.000	200.000	78/01	78/05
LEAD	PB,TOT	UG/L	2	6.00000	1.41421	7.00000	5.00000	78/01	78/05
MANGNESE	MN	UG/L	2	55.0000	7.07107	60.0000	50.0000	78/01	78/05
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/01	78/05
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/01	78/05
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	78/01	78/01
FEC COLI	MFM-FCBR	/100ML	2	249.000	326.683	480.000	18.0000	78/01	78/05
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/05	78/05
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/01	78/05

TABLE RD 1-264

STATION NUMBER 610800
39 13 06.0 083 23 08.0 2
ROCKY FK NR BARRETTS MILLS
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 063.80 037.70 002.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	13.5000	7.59386	21.0000	4.00000	78/08	79/05
STREAM	FLOW	CFS	4	295.750	497.811	1038.00	5.00000	78/08	79/05
CNDUCTVY	AT 25C	MICROMHO	3	412.666	40.6763	445.000	367.000	78/11	79/05
DO		MG/L	4	9.34999	2.31733	12.8000	7.80000	78/08	79/05
COD	LOWLEVEL	MG/L	4	7.50000	1.29099	9.00000	6.00000	78/08	79/05
PH		SU	3	7.70000	.529200	8.10000	7.10000	78/08	79/02
RESIDUE	TOT NFLT	MG/L	4	28.2500	33.2503	78.0000	10.0000	78/08	79/05
NH3+NH4-	N TOTAL	MG/L	4	.140000	.089815	.240000	.050000	78/08	79/05
NO2-N	TOTAL	MG/L	4	.025000	.030000	.070000	.010000	78/08	79/05
NO3-N	TOTAL	MG/L	4	.980000	.422926	1.56000	.550000	78/08	79/05
TOT KJEL	N	MG/L	4	.650000	.191487	.800000	.400000	78/08	79/05
PHOS-TOT		MG/L P	4	.090000	.037417	.140000	.050000	78/08	79/05
TOT HARD	CACO3	MG/L	4	191.500	15.0000	207.000	171.000	78/08	79/05
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/08	79/05
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
IRON	FE,TOT	UG/L	4	1052.50	1013.62	2350.00	160.000	78/08	79/05
LEAD	PB,TOT	UG/L	4	9.50000	8.34666	22.0000	5.00000	78/08	79/05
MANGNESE	MN	UG/L	2	120.000	28.2843	140.000	100.000	78/08	78/11
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/08	79/05
FEC COLI	MFM-FCBR	/100ML	4	795.000	1337.82	2800.00	50.0000	78/08	79/05
PHENOLS	TOTAL	UG/L	4	2.25000	.500000	3.00000	2.00000	78/08	79/05
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/08	79/05

TABLE RD 1-265

STATION NUMBER 600750
39 49 53.0 082 38 25.0 2
WALNUT CRK BELOW BALTIMORE
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 106.50 036.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	23.0000		23.0000	23.0000	78/09	78/09
STREAM	FLOW	CFS	1	7.00000		7.00000	7.00000	78/09	78/09
CNDUCTVY	FIELD	MICROMHO	1	890.000		890.000	890.000	78/09	78/09
DO		MG/L	1	4.00000		4.00000	4.00000	78/09	78/09
COD	LOWLEVEL	MG/L	1	24.0000		24.0000	24.0000	78/09	78/09
PH		SU	1	7.80000		7.80000	7.80000	78/09	78/09
RESIDUE	TOT NFLT	MG/L	1	13.0000		13.0000	13.0000	78/09	78/09
NH3+NH4-	N TOTAL	MG/L	1	.260000		.260000	.260000	78/09	78/09
NO2-N	TOTAL	MG/L	1	.020000		.020000	.020000	78/09	78/09
NO3-N	TOTAL	MG/L	1	1.34000		1.34000	1.34000	78/09	78/09
TOT KJEL	N	MG/L	1	1.10000		1.10000	1.10000	78/09	78/09
PHOS-TOT		MG/L P	1	.820000		.820000	.820000	78/09	78/09
TOT HARD	CACO3	MG/L	1	344.000		344.000	344.000	78/09	78/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
IRON	FE,TOT	UG/L	1	860.000		860.000	860.000	78/09	78/09
LEAD	PB,TOT	UG/L	1	9.00000		9.00000	9.00000	78/09	78/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/09	78/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
FEC COLI	MFM-FCBR	/100ML	1	130.000		130.000	130.000	78/09	78/09
PHENOLS	TOTAL	UG/L	1	4.00000		4.00000	4.00000	78/09	78/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/09	78/09

TABLE RD 1-266

STATION NUMBER 610780
40 32 40.0 082 49 46.0 2
WHETSTONE CRK AT MT. GILEAD-SR61
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 133.30 037.60 021.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	5	15.1200	9.58134	24.1000	1.10000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	5	1566.40	1468.78	4030.00	471.000	78/07	79/06
DO		MG/L	5	10.9200	1.74271	13.4000	9.20000	78/07	79/06
BOD	5 DAY	MG/L	5	2.22000	1.64378	5.00000	1.00000	78/07	79/06
COD	LOWLEVEL	MG/L	2	7.50000	.707107	8.00000	7.00000	78/09	79/06
LAB	PH	SU	5	8.09999	.158384	8.30000	7.90000	78/07	79/06
RESIDUE	DISS-105	C MG/L	1	455.000		455.000	455.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	5	10.0000	.000000	10.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	5	.098000	.066106	.210000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	5	.022000	.013038	.040000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	5	1.52000	1.31782	3.02000	.190000	78/07	79/06
TOT KJEL	N	MG/L	5	.640000	.288097	1.10000	.400000	78/07	79/06
PHOS-TOT		MG/L P	5	.054000	.005478	.060000	.050000	78/07	79/06
TOT HARD	CACO3	MG/L	5	409.600	256.584	826.000	191.000	78/07	79/06
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	5	6.00000	2.23607	10.0000	5.00000	78/07	79/06
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
IRON	FE,TOT	UG/L	2	395.000	176.777	520.000	270.000	78/07	79/06
LEAD	PB,TOT	UG/L	5	6.40000	2.19090	10.0000	5.00000	78/07	79/06
MANGNESE	MN	UG/L	1	30.0000		30.0000	30.0000	79/06	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/07	79/03
ZINC	ZN,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
ALUMINUM	AL,TOT	UG/L	1	600.000		600.000	600.000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	2	430.000	28.2843	450.000	410.000	78/07	78/12
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	78/07	79/06

TABLE RD 1-267

STATION NUMBER 610790
40 32 43.0 082 51 16.0 2
WHETSTONE C AT MT GILEAD-CAR. RD
OHIO RIVER (SCIOTO RIVER)
MILES 0953.80 0624.60 133.30 037.60 019.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	5	14.3400	8.33535	22.0000	1.80000	78/07	79/06
CNDUCTVY	AT 25C	MICROMHO	5	713.600	152.536	944.000	534.000	78/07	79/06
DO		MG/L	5	8.52000	3.30712	12.0000	4.70000	78/07	79/06
BOD	5 DAY	MG/L	5	3.75999	1.61029	6.00000	2.30000	78/07	79/06
COD	LOWLEVEL	MG/L	2	12.0000	11.3137	20.0000	4.00000	78/09	79/06
LAB	PH	SU	5	7.85999	.152093	8.00000	7.60000	78/07	79/06
RESIDUE	DISS-105	C MG/L	1	506.000		506.000	506.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	5	35.8000	30.4418	83.0000	13.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	5	.140000	.081240	.280000	.080000	78/07	79/06
NO2-N	TOTAL	MG/L	4	.050000	.080000	.170000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	5	1.64800	1.68057	3.94000	.050000	78/07	79/06
TOT KJEL	N	MG/L	5	1.02000	.258843	1.30000	.700000	78/07	79/06
PHOS-TOT		MG/L P	5	.122000	.037683	.160000	.080000	78/07	79/06
TOT HARD	CACO3	MG/L	5	312.400	72.6250	396.000	201.000	78/07	79/06
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	78/07	79/06
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/07	79/06
IRON	FE,TOT	UG/L	2	1605.00	1166.73	2430.00	780.000	78/07	79/06
LEAD	PB,TOT	UG/L	5	9.40000	3.20937	13.0000	5.00000	78/07	79/06
MANGNESE	MN	UG/L	1	50.0000		50.0000	50.0000	79/06	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/07	79/03
ZINC	ZN,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/07	79/06
ALUMINUM	AL,TOT	UG/L	1	400.000		400.000	400.000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	1	530.000		530.000	530.000	78/12	78/12
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	78/07	79/06

TABLE RD 1-268

STATION NUMBER 501260
41 22 55.0 082 19 01.0 2
VERMILION R. NEAR VERMILION
LAKE ERIE (VERMILION RIVER)
MILES 0004.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	14.8778	8.76766	26.5000	1.50000	77/07	78/06
CNDUCTVY	AT 25C	MICROMHO	12	527.500	136.844	710.000	288.000	77/07	78/06
DO		MG/L	9	10.1555	1.49343	12.4000	7.60000	77/07	78/06
BOD	5 DAY	MG/L	9	2.13333	1.60468	6.00000	1.10000	77/07	78/06
COD	LOWLEVEL	MG/L	12	35.6667	30.7345	106.000	18.0000	77/07	78/06
LAB	PH	SU	12	7.94166	.414444	8.80000	7.30000	77/07	78/06
RESIDUE	DISS-105	C MG/L	12	336.666	79.4275	446.000	202.000	77/07	78/06
RESIDUE	TOT NFLT	MG/L	12	121.667	204.443	676.000	10.0000	77/07	78/06
NH3+NH4-	N TOTAL	MG/L	13	.167692	.106627	.360000	.050000	77/07	78/06
NO2-N	TOTAL	MG/L	12	.034167	.038954	.140000	.010000	77/07	78/06
NO3-N	TOTAL	MG/L	13	1.51923	1.84889	7.06000	.050000	77/07	78/06
TOT KJEL	N	MG/L	13	1.53846	1.83282	5.80000	.200000	77/07	78/06
PHOS-TOT		MG/L P	13	.646153	.964895	3.44000	.050000	77/07	78/06
PHOS-DIS		MG/L P	6	.360000	.539889	1.37000	.050000	77/09	78/06
T ORG C	C	MG/L	11	16.8909	8.66413	33.0000	8.00000	77/07	78/06
TOT HARD	CACO3	MG/L	4	246.500	61.7117	318.000	175.000	77/08	78/05
CHLORIDE	CL	MG/L	12	24.6667	9.57590	46.0000	12.0000	77/07	78/06
SILICA	DISOLVED	MG/L	10	5.78600	3.16615	10.2000	.980000	77/07	78/06
ARSENIC	AS,TOT	UG/L	4	12.0000	4.00000	18.0000	10.0000	77/08	78/05
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/08	78/05
CHROMIUM	CR,TOT	UG/L	4	36.2500	12.5000	55.0000	30.0000	77/08	78/05
COPPER	CU,TOT	UG/L	4	36.2500	12.5000	55.0000	30.0000	77/08	78/05
LEAD	PB,TOT	UG/L	4	10.2500	9.84463	25.0000	5.00000	77/08	78/05
ZINC	ZN,TOT	UG/L	4	81.2500	102.500	235.000	30.0000	77/08	78/05
FEC COLI	MFM-FCBR	/100ML	12	635.000	683.607	2400.00	30.0000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	9	2300.00	3123.09	9800.00	20.0000	77/07	78/06
MBAS		MG/L	4	.090000	.028284	.110000	.050000	77/08	78/05
PCBS	WHL SMPL	UG/L	12	.516667	.057735	.700000	.500000	77/07	78/06
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	77/08	78/05

TABLE RD 1-269

STATION NUMBER 501260
41 22 55.0 082 19 01.0 2
VERMILION R. NEAR VERMILION
LAKE ERIE (VERMILION RIVER)
MILES 0004.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	9	14.6222	8.99302	25.1000	.000000	78/07	79/06
TURB	JKSN	JTU	2	5.80000	5.51543	9.70000	1.90000	78/11	79/05
CNDUCTVY	AT 25C	MICROMHO	10	651.200	123.842	850.000	471.000	78/07	79/06
DO		MG/L	9	10.8444	1.15122	12.4000	9.40000	78/07	79/06
BOD	5 DAY	MG/L	8	1.48750	.747259	3.00000	1.00000	78/07	79/05
COD	LOWLEVEL	MG/L	9	15.0667	3.21520	19.8000	11.0000	78/07	79/06
LAB	PH	SU	10	8.05199	.256533	8.40000	7.70000	78/07	79/06
T ALK	CACO3	MG/L	1	230.000		230.000	230.000	78/11	78/11
RESIDUE	DISS-105	C MG/L	9	392.778	74.3699	547.000	301.000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	10	13.0000	3.65148	20.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	10	.079000	.051305	.190000	.000	78/07	79/06
PHOS-TOT		MG/L P	10	.183000	.190500	.550000	.050000	78/07	79/06
PHOS-DIS		MG/L P	7	.098571	.124957	.380000	.030000	78/07	79/05
T ORG C	C	MG/L	8	14.8625	14.3991	50.0000	7.10000	78/07	79/05
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	79/04	79/04
TOT HARD	CACO3	MG/L	7	256.571	52.9784	355.000	194.000	78/08	79/06
CHLORIDE	CL	MG/L	10	32.9000	19.5247	62.0000	7.00000	78/07	79/06
SULFATE	SO4-TOT	MG/L	8	109.750	36.5073	175.000	64.0000	78/08	79/06
FLUORIDE	F,DISS	MG/L	2	.235000	.035356	.260000	.210000	79/04	79/06
SILICA	DISOLVED	MG/L	7	3.88857	2.65014	7.56000	.680000	78/07	79/05
ARSENIC	AS,TOT	UG/L	7	10.0000	.000000	10.0000	10.0000	78/08	79/06
CADMIUM	CD,TOT	UG/L	7	5.00000	.000000	5.00000	5.00000	78/08	79/06
CHROMIUM	CR,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/08	79/06
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	78/10	79/06
IRON	FE,TOT	UG/L	1	170.000		170.000	170.000	79/06	79/06
LEAD	PB,TOT	UG/L	7	8.00000	4.24264	16.0000	5.00000	78/08	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/10	79/05
ZINC	ZN,TOT	UG/L	7	31.4286	3.77983	40.0000	30.0000	78/08	79/06
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	79/06	79/06
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	9	480.000	757.644	2400.00	20.0000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	3	440.000	351.710	810.000	110.000	78/07	79/06
PHENOLS	TOTAL	UG/L	3	4.00000	2.64575	7.00000	2.00000	79/03	79/06
MBAS		MG/L	6	.085000	.025100	.130000	.060000	78/08	79/06
PCBS	WHL SMPL	UG/L	2	.500000	.000000	.500000	.500000	78/07	78/08
MERCURY	HG,TOTAL	UG/L	7	.500000	.000000	.500000	.500000	78/08	79/06

TABLE RD 1-270

STATION NUMBER 610000
40 33 50.0 084 48 10.0 2
WABASH R AT STATE LINE
OHIO RIVER (WABASH RIVER)
MILES 0953.80 0133.10 465.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	21.4667	4.27706	25.2000	16.8000	77/07	77/09
CNDUCTVY	AT 25C	MICROMHO	3	1179.00	371.864	1560.00	817.000	77/07	77/09
DO		MG/L	3	4.06667	.321454	4.30000	3.70000	77/07	77/09
COD	LOWLEVEL	MG/L	3	40.0000	24.9800	68.0000	20.0000	77/07	77/09
LAB	PH	SU	3	7.80000	.173532	8.00000	7.70000	77/07	77/09
RESIDUE	DISS-105	C MG/L	3	782.666	270.300	1060.00	520.000	77/07	77/09
RESIDUE	TOT NFLT	MG/L	3	64.3333	38.7987	109.000	39.0000	77/07	77/09
NH3+NH4-	N TOTAL	MG/L	3	1.18333	.551575	1.82000	.850000	77/07	77/09
NO2-N	TOTAL	MG/L	3	.183333	.151767	.320000	.020000	77/07	77/09
NO3-N	TOTAL	MG/L	3	1.64000	1.44128	3.25000	.470000	77/07	77/09
TOT KJEL	N	MG/L	3	2.53333	.945163	3.60000	1.80000	77/07	77/09
PHOS-TOT		MG/L P	3	.883333	.414046	1.35000	.560000	77/07	77/09
T ORG C	C	MG/L	3	16.0000	7.21110	24.0000	10.0000	77/07	77/09
TOT HARD	CACO3	MG/L	1	422.000		422.000	422.000	77/08	77/08
CHLORIDE	CL	MG/L	3	114.000	34.5977	153.000	87.0000	77/07	77/09
ARSENIC	AS,TOT	UG/L	1	10.0000		10.0000	10.0000	77/08	77/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	77/08	77/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
LEAD	PB,TOT	UG/L	1	11.0000		11.0000	11.0000	77/08	77/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	77/08	77/08
FEC COLI	MFM-FCBR	/100ML	2	1005.00	7.07107	1010.00	1000.00	77/08	77/09
FECSTREP	MF M-ENT	/100ML	2	775.000	219.203	930.000	620.000	77/08	77/09
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	77/08	77/08

TABLE RD 1-271

STATION NUMBER 610000
40 33 50.0 084 48 10.0 2
WABASH R AT STATE LINE
OHIO RIVER (WABASH RIVER)
MILES 0953.80 0133.10 465.60

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	22.5000		22.5000	22.5000	78/08	78/08
CNDUCTVY	AT 25C	MICROMHO	1	1140.00		1140.00	1140.00	78/08	78/08
DO		MG/L	1	5.60000		5.60000	5.60000	78/08	78/08
COD	LOWLEVEL	MG/L	1	35.0000		35.0000	35.0000	78/08	78/08
LAB	PH	SU	1	7.80000		7.80000	7.80000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	80.0000		80.0000	80.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.360000		.360000	.360000	78/08	78/08
NO2-N	TOTAL	MG/L	1	.030000		.030000	.030000	78/08	78/08
NO3-N	TOTAL	MG/L	1	.720000		.720000	.720000	78/08	78/08
TOT KJEL	N	MG/L	1	2.80000		2.80000	2.80000	78/08	78/08
PHOS-TOT		MG/L P	1	.720000		.720000	.720000	78/08	78/08
TOT HARD	CACO3	MG/L	1	487.000		487.000	487.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	2820.00		2820.00	2820.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	6.00000		6.00000	6.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	50.0000		50.0000	50.0000	78/08	78/08
FEC COLI	MFM-FCBR	/100ML	1	10000.0		10000.0	10000.0	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-272

STATION NUMBER 605010
40 32 04.0 084 34 27.0 2
BEAVER CRK AT CELINA - S.R. 703
OHIO RIVER (WABASH RIVER)
(RIVER MILE 10.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	10.6000	12.1622	19.2000	2.00000	78/02	78/06
CNDUCTVY	AT 25C	MICROMHO	2	460.000	155.563	570.000	350.000	78/02	78/06
DO		MG/L	2	7.60000	.424255	7.90000	7.30000	78/02	78/06
COD	LOWLEVEL	MG/L	2	43.0000	7.07107	48.0000	38.0000	78/02	78/06
LAB	PH	SU	2	7.85000	.353532	8.10000	7.60000	78/02	78/06
RESIDUE	TOT NFLT	MG/L	2	43.0000	39.5980	71.0000	15.0000	78/02	78/06
NH3+NH4-	N TOTAL	MG/L	2	.700000	.367695	.960000	.440000	78/02	78/06
NO2-N	TOTAL	MG/L	2	.010000	.000000	.010000	.010000	78/02	78/06
NO3-N	TOTAL	MG/L	2	1.17500	1.53442	2.26000	.090000	78/02	78/06
TOT KJEL	N	MG/L	2	3.30000	.282846	3.50000	3.10000	78/02	78/06
PHOS-TOT		MG/L P	2	.345000	.219203	.500000	.190000	78/02	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000			

TABLE RD 1-273

STATION NUMBER 605010
40 32 04.0 084 34 27.0 2
BEAVER CRK AT CELINA - S.R. 703
OHIO RIVER (WABASH RIVER)
(RIVER MILE 10.7)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	11.8250	9.68655	20.4000	2.80000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	4	749.500	376.069	1300.00	490.000	78/09	79/06
DO		MG/L	3	5.73333	3.54731	8.90000	1.90000	78/09	79/06
BOD	5 DAY	MG/L	3	8.36666	1.77865	10.3000	6.80000	78/09	79/06
COD	LOWLEVEL	MG/L	1	31.8000		31.8000	31.8000	79/06	79/06
LAB	PH	SU	4	7.82500	.537797	8.50000	7.30000	78/09	79/06
RESIDUE	DISS-105	C MG/L	1	296.000		296.000	296.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	4	60.5000	22.5758	94.0000	45.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	4	.762500	.918962	2.03000	.060000	78/09	79/06
NO2-N	TOTAL	MG/L	4	.032500	.022174	.060000	.010000	78/09	79/06
NO3-N	TOTAL	MG/L	4	.455000	.399708	.860000	.050000	78/09	79/06
TOT KJEL	N	MG/L	4	2.67500	1.36960	4.20000	1.20000	78/09	79/06
PHOS-TOT		MG/L P	4	.202500	.102429	.310000	.110000	78/09	79/06
TOT HARD	CACO3	MG/L	4	314.000	158.495	545.000	210.000	78/09	79/06
ARSENIC	AS,TOT	UG/L	2	10.0000	.000000	10.0000	10.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	1450.00		1450.00	1450.00	79/06	79/06
LEAD	PB,TOT	UG/L	4	25.7500	26.3106	64.0000	7.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	78/12	79/06
ZINC	ZN,TOT	UG/L	4	37.5000	15.0000	60.0000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	2	4900.00	1272.79	5800.00	4000.00	78/09	78/12
FECSTREP	MF M-ENT	/100ML	1	1350.00		1350.00	1350.00	78/09	78/09
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-274

STATION NUMBER 605020
40 32 12.0 084 35 26.0 2
BEAVER CRK. AT CELINA-MEYER RD.
OHIO RIVER (WABASH RIVER)
(RIVER MILE 9.6)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	2	11.3000	11.5966	19.5000	3.10000	78/02	78/06
CNDUCTVY	AT 25C	MICROMHO	2	495.000	120.208	580.000	410.000	78/02	78/06
DO		MG/L	2	8.70000	1.69708	9.90000	7.50000	78/02	78/06
COD	LOWLEVEL	MG/L	2	44.0000	11.3137	52.0000	36.0000	78/02	78/06
LAB	PH	SU	2	7.75000	.212128	7.90000	7.60000	78/02	78/06
RESIDUE	TOT NFLT	MG/L	2	53.0000	43.8406	84.0000	22.0000	78/02	78/06
NH3+NH4-	N TOTAL	MG/L	2	.980000	.169706	1.10000	.860000	78/02	78/06
NO2-N	TOTAL	MG/L	2	.030000	.000000	.030000	.030000	78/02	78/06
NO3-N	TOTAL	MG/L	2	1.43000	1.30108	2.35000	.510000	78/02	78/06
TOT KJEL	N	MG/L	2	3.75000	.777815	4.30000	3.20000	78/02	78/06
PHOS-TOT		MG/L P	2	1.27000	.834387	1.86000	.680000	78/02	78/06
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/02	78/06
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/02	78/06
IRON	FE,TOT	UG/L	1	950.000		950.000	950.000	78/02	78/02
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/06	78/06
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/02	78/06
ZINC	ZN,TOT	UG/L	2	65.0000	49.4975	100.000	30.0000	78/02	78/06
FEC COLI	MFM-FCBR	/100ML	2	620.000	820.244	1200.00	40.0000	78/02	78/06

TABLE RD 1-275

STATION NUMBER 605020
40 32 12.0 084 35 26.0 2
BEAVER CRK. AT CELINA-MEYER RD.
OHIO RIVER (WABASH RIVER)
(RIVER MILE 9.6)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	4	12.3000	10.1633	22.0000	2.00000	78/09	79/06
CNDUCTVY	AT 25C	MICROMHO	4	865.000	341.551	1190.00	564.000	78/09	79/06
DO		MG/L	3	6.10000	3.92302	8.80000	1.60000	78/09	79/06
BOD	5 DAY	MG/L	3	8.83333	1.93480	10.0000	6.60000	78/09	79/06
COD	LOWLEVEL	MG/L	1	35.7000		35.7000	35.7000	79/06	79/06
LAB	PH	SU	4	7.77500	.478740	8.40000	7.40000	78/09	79/06
RESIDUE	DISS-105	C MG/L	1	350.000		350.000	350.000	79/06	79/06
RESIDUE	TOT NFLT	MG/L	4	46.2500	27.1585	72.0000	10.0000	78/09	79/06
NH3+NH4-	N TOTAL	MG/L	4	10.8025	14.8998	32.3000	.730000	78/09	79/06
NO2-N	TOTAL	MG/L	4	.192500	.267005	.590000	.020000	78/09	79/06
NO3-N	TOTAL	MG/L	4	1.64500	2.18605	4.89000	.180000	78/09	79/06
TOT KJEL	N	MG/L	4	13.0000	15.2410	34.6000	1.50000	78/09	79/06
PHOS-TOT		MG/L P	4	2.65000	2.79107	5.80000	.290000	78/09	79/06
TOT HARD	CACO3	MG/L	4	297.500	81.7007	381.000	222.000	78/09	79/06
ARSENIC	AS,TOT	UG/L	2	15.0000	7.07107	20.0000	10.0000	78/09	79/06
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	78/09	79/06
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	78/09	79/06
IRON	FE,TOT	UG/L	1	1530.00		1530.00	1530.00	79/06	79/06
LEAD	PB,TOT	UG/L	4	11.7500	5.73730	19.0000	5.00000	78/09	79/06
NICKEL	NI,TOTAL	UG/L	3	166.667	115.470	300.000	100.000	78/12	79/06
ZINC	ZN,TOT	UG/L	4	105.000	113.578	270.000	30.0000	78/09	79/06
FEC COLI	MFM-FCBR	/100ML	1	4700.00		4700.00	4700.00	78/12	78/12
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	78/09	79/06

TABLE RD 1-276

STATION NUMBER 609100
38 48 02.0 084 03 31.0 2
BULLSKIN CREEK NR RURAL
OHIO RIVER
MILES 0953.80 0549.00 003.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	16.0000		16.0000	16.0000	78/09	78/09
CNDUCTVY	AT 25C	MICROMHO	1	400.000		400.000	400.000	78/09	78/09
DO		MG/L	1	9.80000		9.80000	9.80000	78/09	78/09
COD	LOWLEVEL	MG/L	1	16.2000		16.2000	16.2000	78/09	78/09
PH		SU	1	8.10000		8.10000	8.10000	78/09	78/09
RESIDUE	TOT NFLT	MG/L	1	28.0000		28.0000	28.0000	78/09	78/09
NH3+NH4-	N TOTAL	MG/L	1	.200000		.200000	.200000	78/09	78/09
NO3-N	TOTAL	MG/L	1	.100000		.100000	.100000	78/09	78/09
PHOS-TOT		MG/L P	1	.060000		.060000	.060000	78/09	78/09
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/09	78/09
TOT HARD	CACO3	MG/L	1	187.000		187.000	187.000	78/09	78/09
FLUORIDE	F,DISS	MG/L	1	.230000		.230000	.230000	78/09	78/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
IRON	FE,TOT	UG/L	1	2560.00		2560.00	2560.00	78/09	78/09
LEAD	PB,TOT	UG/L	1	25.0000		25.0000	25.0000	78/09	78/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/09	78/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
FEC COLI	MFM-FCBR	/100ML	1	36000.0		36000.0	36000.0	78/09	78/09
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/09	78/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/09	78/09

TABLE RD 1-277

STATION NUMBER 609210
39 52 20.0 080 50 29.0 2
CAPTINA CR NR POWHATAN POINT
OHIO RIVER (CAPTINA CREEK)
MILES 0953.80 0871.40 003.20

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	24.0000		24.0000	24.0000	78/08	78/08
STREAM	FLOW	CFS	1	4.46000		4.46000	4.46000	78/08	78/08
CNDUCTVY	FIELD	MICROMHO	1	1155.00		1155.00	1155.00	78/08	78/08
DO		MG/L	1	7.80000		7.80000	7.80000	78/08	78/08
COD	LOWLEVEL	MG/L	1	4.00000		4.00000	4.00000	78/08	78/08
PH		SU	1	7.70000		7.70000	7.70000	78/08	78/08
RESIDUE	DISS-105	C MG/L	1	829.000		829.000	829.000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.100000		.100000	.100000	78/08	78/08
TOT HARD	CACO3	MG/L	1	427.000		427.000	427.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	520.000		520.000	520.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
MANGNESE	MN	UG/L	1	270.000		270.000	270.000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
ALUMINUM	AL,TOT	UG/L	1	300.000		300.000	300.000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-278

STATION NUMBER 609250
40 19 04.0 080 37 42.0 2
CROSS CR NR MINGO JUNCTION
OHIO RIVER (CROSS CREEK)
MILES 0953.80 0909.40 001.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	24.5000		24.5000	24.5000	78/08	78/08
STREAM	FLOW	CFS	1	34.6000		34.6000	34.6000	78/08	78/08
DO		MG/L	1	10.6000		10.6000	10.6000	78/08	78/08
COD	LOWLEVEL	MG/L	1	5.00000		5.00000	5.00000	78/08	78/08
PH		SU	1	8.50000		8.50000	8.50000	78/08	78/08
RESIDUE	DISS-105	C MG/L	1	1280.00		1280.00	1280.00	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	24.0000		24.0000	24.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.120000		.120000	.120000	78/08	78/08
TOT KJEL	N	MG/L	1	.200000		.200000	.200000	78/08	78/08
PHOS-TOT		MG/L P	1	.090000		.090000	.090000	78/08	78/08
TOT HARD	CACO3	MG/L	1	877.000		877.000	877.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	420.000		420.000	420.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
MANGNESE	MN	UG/L	1	270.000		270.000	270.000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
ALUMINUM	AL,TOT	UG/L	1	600.000		600.000	600.000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	7.00000		7.00000	7.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-279

STATION NUMBER 609180
39 25 35.0 081 25 18.0 2
DUCK CR NEAR MARIETTA
OHIO RIVER (DUCK CREEK)
MILES 0953.80 0810.40 001.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
STREAM	FLOW	CFS	1	19.0000		19.0000	19.0000	78/08	78/08
CNDUCTVY	FIELD	MICROMHO	1	875.000		875.000	875.000	78/08	78/08
DO		MG/L	1	7.20000		7.20000	7.20000	78/08	78/08
COD	LOWLEVEL	MG/L	1	6.00000		6.00000	6.00000	78/08	78/08
RESIDUE	DISS-105	C MG/L	1	651.000		651.000	651.000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
TOT KJEL	N	MG/L	1	.300000		.300000	.300000	78/08	78/08
PHOS-TOT		MG/L P	1	.010000		.010000	.010000	78/08	78/08
TOT HARD	CACO3	MG/L	1	483.000		483.000	483.000	78/08	78/08
SULFATE	SO4-TOT	MG/L	1	360.000		360.000	360.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	580.000		580.000	580.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	65.0000		65.0000	65.0000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-280

STATION NUMBER 609120
38 43 36.0 083 47 13.0 2
EAGLE CR NR RIPLEY
OHIO RIVER (EAGLE CREEK)
MILES 0953.80 0565.30 003.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	25.0000		25.0000	25.0000	78/08	78/08
STREAM	FLOW	CFS	1	7.00000		7.00000	7.00000	78/08	78/08
CNDUCTVY	FIELD	MICROMHO	1	407.000		407.000	407.000	78/08	78/08
DO		MG/L	1	9.50000		9.50000	9.50000	78/08	78/08
COD	LOWLEVEL	MG/L	1	11.0000		11.0000	11.0000	78/08	78/08
PH		SU	1	8.30000		8.30000	8.30000	78/08	78/08
RESIDUE	DISS-105	C MG/L	1	227.000		227.000	227.000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	14.0000		14.0000	14.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
TOT KJEL	N	MG/L	1	.500000		.500000	.500000	78/08	78/08
PHOS-TOT		MG/L P	1	.120000		.120000	.120000	78/08	78/08
TOT HARD	CACO3	MG/L	1	188.000		188.000	188.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-281

STATION NUMBER 609150
38 27 15.0 082 24 35.0 2
INDIAN GUYAN CR NR BRADRICK
OHIO RIVER
MILES 0953.80 0675.00 002.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
NH3+NH4-	N TOTAL	MG/L	1	.090000		.090000	.090000	78/03	78/03
TOT KJEL	N	MG/L	1	.200000		.200000	.200000	78/03	78/03
PHOS-TOT		MG/L P	1	1.70000		1.70000	1.70000	78/03	78/03
MGNSIUM	MG,TOT	MG/L	1	9.00000		9.00000	9.00000	78/03	78/03
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/03	78/03
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
IRON	FE,TOT	UG/L	1	2680.00		2680.00	2680.00	78/03	78/03
LEAD	PB,TOT	UG/L	1	6.00000		6.00000	6.00000	78/03	78/03
MANGNESE	MN	UG/L	1	380.000		380.000	380.000	78/03	78/03
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/03	78/03
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03

TABLE RD 1-282

STATION NUMBER 609150
38 27 15.0 082 24 35.0 2
INDIAN GUYAN CR NR BRADRICK
OHIO RIVER
MILES 0953.80 0675.00 002.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
STREAM	FLOW	CFS	1	6.20000		6.20000	6.20000	78/09	78/09
CNDUCTVY	FIELD	MICROMHO	1	374.000		374.000	374.000	78/09	78/09
COD	LOWLEVEL	MG/L	1	9.00000		9.00000	9.00000	78/09	78/09
RESIDUE	DISS-105	C MG/L	1	244.000		244.000	244.000	78/09	78/09
RESIDUE	TOT NFLT	MG/L	1	16.0000		16.0000	16.0000	78/09	78/09
NH3+NH4-	N TOTAL	MG/L	1	.070000		.070000	.070000	78/09	78/09
TOT KJEL	N	MG/L	1	.500000		.500000	.500000	78/09	78/09
PHOS-TOT		MG/L P	1	.100000		.100000	.100000	78/09	78/09
TOT HARD	CACO3	MG/L	1	167.000		167.000	167.000	78/09	78/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
LEAD	PB,TOT	UG/L	1	12.0000		12.0000	12.0000	78/09	78/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/09	78/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/09	78/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/09	78/09

TABLE RD 1-283

STATION NUMBER 609160
38 59 02.0 082 04 28.0 2
LEADING CR NR MIDDLEPORT
OHIO RIVER (LEADING CREEK)
MILES 0953.80 0726.10 001.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	26.0000		26.0000	26.0000	78/07	78/07
STREAM	FLOW	CFS	1	14.0000		14.0000	14.0000	78/07	78/07
CNDUCTVY	AT 25C	MICROMHO	1	521.000		521.000	521.000	78/07	78/07
COD	LOWLEVEL	MG/L	1	12.0000		12.0000	12.0000	78/07	78/07
PH		SU	1	7.20000		7.20000	7.20000	78/07	78/07
RESIDUE	DISS-105	C MG/L	1	295.000		295.000	295.000	78/07	78/07
RESIDUE	TOT NFLT	MG/L	1	55.0000		55.0000	55.0000	78/07	78/07
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/07	78/07
TOT KJEL	N	MG/L	1	.200000		.200000	.200000	78/07	78/07
PHOS-TOT		MG/L P	1	1.27000		1.27000	1.27000	78/07	78/07
TOT HARD	CACO3	MG/L	1	163.000		163.000	163.000	78/07	78/07
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
CHROMIUM	HEX-VAL	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
IRON	FE,TOT	UG/L	1	2450.00		2450.00	2450.00	78/07	78/07
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/07	78/07
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/07	78/07
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/07	78/07
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/07	78/07
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/07	78/07

TABLE RD 1-284

STATION NUMBER 609190
39 23 38.0 081 22 41.0 2
L MUSKINGUM R NR RENO
OHIO RIVER (LITTLE MUSKINGUM RIVER)
MILES 0953.80 0812.70 002.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
STREAM	FLOW	CFS	1	14.0000		14.0000	14.0000	78/08	78/08
CNDUCTVY	FIELD	MICROMHO	1	407.000		407.000	407.000	78/08	78/08
DO		MG/L	1	8.00000		8.00000	8.00000	78/08	78/08
COD	LOWLEVEL	MG/L	1	5.00000		5.00000	5.00000	78/08	78/08
RESIDUE	DISS-105	C MG/L	1	252.000		252.000	252.000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
TOT KJEL	N	MG/L	1	.300000		.300000	.300000	78/08	78/08
PHOS-TOT		MG/L P	1	.020000		.020000	.020000	78/08	78/08
TOT HARD	CACO3	MG/L	1	167.000		167.000	167.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
LEAD	PB,TOT	UG/L	1	36.0000		36.0000	36.0000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-285

STATION NUMBER 609130
38 46 20.0 082 52 37.0 2
L SCIOTO R NR SCIOTOVILLE
OHIO RIVER (LITTLE SCIOTO RIVER)
MILES 0953.80 0632.00 002.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	24.5000		24.5000	24.5000	78/09	78/09
STREAM	FLOW	CFS	1	17.9000		17.9000	17.9000	78/09	78/09
CNDUCTVY	AT 25C	MICROMHO	1	243.000		243.000	243.000	78/09	78/09
COD	LOWLEVEL	MG/L	1	10.0000		10.0000	10.0000	78/09	78/09
PH		SU	1	7.60000		7.60000	7.60000	78/09	78/09
RESIDUE	DISS-105	C MG/L	1	147.000		147.000	147.000	78/09	78/09
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/09	78/09
NH3+NH4-	N TOTAL	MG/L	1	.060000		.060000	.060000	78/09	78/09
TOT KJEL	N	MG/L	1	.400000		.400000	.400000	78/09	78/09
PHOS-TOT		MG/L P	1	.050000		.050000	.050000	78/09	78/09
TOT HARD	CACO3	MG/L	1	81.0000		81.0000	81.0000	78/09	78/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/09	78/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/09	78/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/09	78/09

TABLE RD 1-286

STATION NUMBER 609220
40 00 40.0 080 45 46.0 2
MCMAHON CR AT BELLAIRE
OHIO RIVER (MCMAHON CREEK)
MILES 0953.80 0886.30 001.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
T ALK	CACO3	MG/L	1	156.000		156.000	156.000	78/03	78/03
RESIDUE	TOTAL	MG/L	1	540.000		540.000	540.000	78/03	78/03
RESIDUE	DISS-105	C MG/L	1	510.000		510.000	510.000	78/03	78/03
RESIDUE	TOT NFLT	MG/L	1	60.0000		60.0000	60.0000	78/03	78/03
NH3+NH4-	N TOTAL	MG/L	1	.270000		.270000	.270000	78/03	78/03
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/03	78/03
NO3-N	TOTAL	MG/L	1	.710000		.710000	.710000	78/03	78/03
TOT KJEL	N	MG/L	1	.700000		.700000	.700000	78/03	78/03
PHOS-TOT		MG/L P	1	.210000		.210000	.210000	78/03	78/03
TOT HARD	CACO3	MG/L	1	357.000		357.000	357.000	78/03	78/03
CHLORIDE	CL	MG/L	1	40.0000		40.0000	40.0000	78/03	78/03
SULFATE	SO4-TOT	MG/L	1	267.000		267.000	267.000	78/03	78/03
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/03	78/03
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
IRON	FE,TOT	UG/L	1	7080.00		7080.00	7080.00	78/03	78/03
LEAD	PB,TOT	UG/L	1	34.0000		34.0000	34.0000	78/03	78/03
MANGNESE	MN	UG/L	1	290.000		290.000	290.000	78/03	78/03
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/03	78/03
ZINC	ZN,TOT	UG/L	1	60.0000		60.0000	60.0000	78/03	78/03
ALUMINUM	AL,TOT	UG/L	1	2600.00		2600.00	2600.00	78/03	78/03
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/03	78/03

TABLE RD 1-287

STATION NUMBER 609220
40 00 40.0 080 45 46.0 2
MCMAHON CR AT BELLAIRE
OHIO RIVER (MCMAHON CREEK)
MILES 0953.80 0886.30 001.30

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	23.5000		23.5000	23.5000	78/08	78/08
STREAM	FLOW	CFS	1	4.90000		4.90000	4.90000	78/08	78/08
CNDUCTVY	FIELD	MICROMHO	1	1540.00		1540.00	1540.00	78/08	78/08
DO		MG/L	1	8.30000		8.30000	8.30000	78/08	78/08
COD	LOWLEVEL	MG/L	1	4.00000		4.00000	4.00000	78/08	78/08
PH		SU	1	7.60000		7.60000	7.60000	78/08	78/08
RESIDUE	DISS-105	C MG/L	1	1119.00		1119.00	1119.00	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.120000		.120000	.120000	78/08	78/08
TOT HARD	CACO3	MG/L	1	559.000		559.000	559.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	410.000		410.000	410.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
MANGNESE	MN	UG/L	1	120.000		120.000	120.000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	80.0000		80.0000	80.0000	78/08	78/08
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-288

STATION NUMBER 609140
38 42 04.0 082 51 18.0 2
PINE CR AT GARDIN CITY
OHIO RIVER (PINE CREEK)
MILES 0953.80 0634.10 004.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	23.5000		23.5000	23.5000	78/09	78/09
STREAM	FLOW	CFS	1	15.8000		15.8000	15.8000	78/09	78/09
CNDUCTVY	FIELD	MICROMHO	1	400.000		400.000	400.000	78/09	78/09
DO		MG/L	1	7.00000		7.00000	7.00000	78/09	78/09
COD	LOWLEVEL	MG/L	1	10.0000		10.0000	10.0000	78/09	78/09
PH		SU	1	7.40000		7.40000	7.40000	78/09	78/09
RESIDUE	DISS-105	C MG/L	1	307.000		307.000	307.000	78/09	78/09
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/09	78/09
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/09	78/09
TOT KJEL	N	MG/L	1	.300000		.300000	.300000	78/09	78/09
PHOS-TOT		MG/L P	1	.050000		.050000	.050000	78/09	78/09
TOT HARD	CACO3	MG/L	1	191.000		191.000	191.000	78/09	78/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
IRON	FE,TOT	UG/L	1	850.000		850.000	850.000	78/09	78/09
LEAD	PB,TOT	UG/L	1	25.0000		25.0000	25.0000	78/09	78/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/09	78/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/09	78/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/09	78/09

TABLE RD 1-289

STATION NUMBER 609170
39 05 40.0 081 51 12.0 2
SHADE R. NEAR KENO
OHIO RIVER (SHADE RIVER)
MILES 0953.80 0770.40 005.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	20.0000		20.0000	20.0000	78/09	78/09
COD	LOWLEVEL	MG/L	1	12.0000		12.0000	12.0000	78/09	78/09
PH		SU	1	7.60000		7.60000	7.60000	78/09	78/09
RESIDUE	DISS-105	C MG/L	1	248.000		248.000	248.000	78/09	78/09
RESIDUE	TOT NFLT	MG/L	1	27.0000		27.0000	27.0000	78/09	78/09
NH3+NH4-	N TOTAL	MG/L	1	.080000		.080000	.080000	78/09	78/09
TOT KJEL	N	MG/L	1	.400000		.400000	.400000	78/09	78/09
PHOS-TOT		MG/L P	1	.090000		.090000	.090000	78/09	78/09
TOT HARD	CACO3	MG/L	1	164.000		164.000	164.000	78/09	78/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/09	78/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/09	78/09

TABLE RD 1-290

STATION NUMBER 609240
40 11 36.0 080 44 04.0 2
SHORT CR NEAR RAYLAND
OHIO RIVER (SHORT CREEK)
MILES 0953.80 0899.70 003.90

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	21.0000		21.0000	21.0000	78/09	78/09
CNDUCTVY	AT 25C	MICROMHO	1	2140.00		2140.00	2140.00	78/09	78/09
DO		MG/L	1	9.10000		9.10000	9.10000	78/09	78/09
COD	LOWLEVEL	MG/L	1	7.00000		7.00000	7.00000	78/09	78/09
PH		SU	1	8.00000		8.00000	8.00000	78/09	78/09
RESIDUE	DISS-105	C MG/L	1	2050.00		2050.00	2050.00	78/09	78/09
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/09	78/09
NH3+NH4-	N TOTAL	MG/L	1	.070000		.070000	.070000	78/09	78/09
TOT HARD	CACO3	MG/L	1	1140.00		1140.00	1140.00	78/09	78/09
CHLORIDE	CL	MG/L	1	38.0000		38.0000	38.0000	78/09	78/09
SULFATE	SO4-TOT	MG/L	1	1130.00		1130.00	1130.00	78/09	78/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
IRON	FE,TOT	UG/L	1	3000.00		3000.00	3000.00	78/09	78/09
LEAD	PB,TOT	UG/L	1	32.0000		32.0000	32.0000	78/09	78/09
MANGNESE	MN	UG/L	1	180.000		180.000	180.000	78/09	78/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/09	78/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
ALUMINUM	AL,TOT	UG/L	1	900.000		900.000	900.000	78/09	78/09
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/09	78/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/09	78/09

TABLE RD 1-291

STATION NUMBER 609200
39 46 00.0 080 56 09.0 2
SUNFISH CR NR CAMERON
OHIO RIVER (SUNFISH CREEK)
MILES 0953.80 0865.00 006.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
COD	LOWLEVEL	MG/L	1	.000000		.000000	.000000	78/03	78/03
T ALK	CACO3	MG/L	1	103.000		103.000	103.000	78/03	78/03
RESIDUE	TOTAL	MG/L	1	129.000		129.000	129.000	78/03	78/03
RESIDUE	DISS-105	C MG/L	1	179.000		179.000	179.000	78/03	78/03
RESIDUE	TOT NFLT	MG/L	1	2.00000		2.00000	2.00000	78/03	78/03
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/03	78/03
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/03	78/03
NO3-N	TOTAL	MG/L	1	.640000		.640000	.640000	78/03	78/03
TOT KJEL	N	MG/L	1	.200000		.200000	.200000	78/03	78/03
PHOS-TOT		MG/L P	1	.050000		.050000	.050000	78/03	78/03
TOT HARD	CACO3	MG/L	1	153.000		153.000	153.000	78/03	78/03
CHLORIDE	CL	MG/L	1	25.0000		25.0000	25.0000	78/03	78/03
SULFATE	SO4-TOT	MG/L	1	52.0000		52.0000	52.0000	78/03	78/03
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/03	78/03
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
IRON	FE,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
LEAD	PB,TOT	UG/L	1	31.0000		31.0000	31.0000	78/03	78/03
MANGNESE	MN	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/03	78/03
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
ALUMINUM	AL,TOT	UG/L	1	200.000		200.000	200.000	78/03	78/03
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/03	78/03

TABLE RD 1-292

STATION NUMBER 609200
39 46 00.0 080 56 09.0 2
SUNFISH CR NR CAMERON
OHIO RIVER (SUNFISH CREEK)
MILES 0953.80 0865.00 006.80

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	17.5000		17.5000	17.5000	78/09	78/09
STREAM	FLOW	CFS	2	4.40000	.848529	5.00000	3.80000	78/08	78/09
CNDUCTVY	FIELD	MICROMHO	2	398.500	12.0208	407.000	390.000	78/08	78/09
DO		MG/L	2	8.05000	.636503	8.50000	7.60000	78/08	78/09
COD	LOWLEVEL	MG/L	2	6.50000	.707107	7.00000	6.00000	78/08	78/09
PH		SU	1	8.00000		8.00000	8.00000	78/09	78/09
RESIDUE	DISS-105	C MG/L	2	283.000	24.0416	300.000	266.000	78/08	78/09
RESIDUE	TOT NFLT	MG/L	2	10.0000	.000000	10.0000	10.0000	78/08	78/09
NH3+NH4-	N TOTAL	MG/L	2	.025000	.035355	.050000	.000000	78/08	78/09
TOT KJEL	N	MG/L	1	.100000		.100000	.100000	78/09	78/09
PHOS-TOT		MG/L P	2	.050000	.000061	.050000	.050000	78/08	78/09
TOT HARD	CACO3	MG/L	2	195.500	9.19239	202.000	189.000	78/08	78/09
CADMIUM	CD,TOT	UG/L	2	5.00000	.000000	5.00000	5.00000	78/08	78/09
CHROMIUM	CR,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	78/09
COPPER	CU,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	78/09
IRON	FE,TOT	UG/L	2	135.000	190.919	270.000	.000000	78/08	78/09
LEAD	PB,TOT	UG/L	2	17.0000	4.24264	20.0000	14.0000	78/08	78/09
NICKEL	NI,TOTAL	UG/L	2	100.000	.000000	100.000	100.000	78/08	78/09
ZINC	ZN,TOT	UG/L	2	30.0000	.000000	30.0000	30.0000	78/08	78/09
PHENOLS	TOTAL	UG/L	2	2.00000	.000000	2.00000	2.00000	78/08	78/09
MERCURY	HG,TOTAL	UG/L	2	.500000	.000000	.500000	.500000	78/08	78/09

TABLE RD 1-293

STATION NUMBER 609270
38 25 48.0 082 27 15.0 2
SYMMES CR AT CHESAPEAKE
OHIO RIVER (SYMMES CREEK)
MILES 0953.80 0672.50 000.40

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	24.0000		24.0000	24.0000	78/09	78/09
STREAM	FLOW	CFS	1	30.0000		30.0000	30.0000	78/09	78/09
CNDUCTVY	FIELD	MICROMHO	1	292.000		292.000	292.000	78/09	78/09
DO		MG/L	1	6.90000		6.90000	6.90000	78/09	78/09
COD	LOWLEVEL	MG/L	1	13.0000		13.0000	13.0000	78/09	78/09
PH		SU	1	7.40000		7.40000	7.40000	78/09	78/09
RESIDUE	TOT NFLT	MG/L	1	23.0000		23.0000	23.0000	78/09	78/09
NH3+NH4-	N TOTAL	MG/L	1	.060000		.060000	.060000	78/09	78/09
TOT KJEL	N	MG/L	1	.500000		.500000	.500000	78/09	78/09
PHOS-TOT		MG/L P	1	.140000		.140000	.140000	78/09	78/09
TOT HARD	CACO3	MG/L	1	110.000		110.000	110.000	78/09	78/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/09	78/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/09	78/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/09	78/09

TABLE RD 1-294

STATION NUMBER 609050
39 00 27.0 084 18 04.0 2
TEN MILE CREEK NR PALESTINE
OHIO RIVER
MILES 0953.80 0524.60 001.10

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	13.0000		13.0000	13.0000	78/09	78/09
CNDUCTVY	AT 25C	MICROMHO	1	600.000		600.000	600.000	78/09	78/09
DO		MG/L	1	10.0000		10.0000	10.0000	78/09	78/09
COD	LOWLEVEL	MG/L	1	16.2000		16.2000	16.2000	78/09	78/09
PH		SU	1	8.10000		8.10000	8.10000	78/09	78/09
RESIDUE	TOT NFLT	MG/L	1	8.00000		8.00000	8.00000	78/09	78/09
NH3+NH4-	N TOTAL	MG/L	1	.200000		.200000	.200000	78/09	78/09
NO3-N	TOTAL	MG/L	1	.550000		.550000	.550000	78/09	78/09
TOT KJEL	N	MG/L	1	.200000		.200000	.200000	78/09	78/09
PHOS-TOT		MG/L P	1	.120000		.120000	.120000	78/09	78/09
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/09	78/09
TOT HARD	CACO3	MG/L	1	327.000		327.000	327.000	78/09	78/09
FLUORIDE	F,DISS	MG/L	1	.230000		.230000	.230000	78/09	78/09
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/09	78/09
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
IRON	FE,TOT	UG/L	1	700.000		700.000	700.000	78/09	78/09
LEAD	PB,TOT	UG/L	1	15.0000		15.0000	15.0000	78/09	78/09
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/09	78/09
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/09	78/09
FEC COLI	MFM-FCBR	/100ML	1	130.000		130.000	130.000	78/09	78/09
PHENOLS	TOTAL	UG/L	1	6.00000		6.00000	6.00000	78/09	78/09
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/09	78/09

TABLE RD 1-295

STATION NUMBER 609230
40 04 01.0 080 46 02.0 2
WHEELING CR NR BRIDGEPORT
OHIO RIVER (WHEELING CREEK)
MILES 0953.80 0891.30 001.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
T ALK	CACO3	MG/L	1	240.000		240.000	240.000	78/03	78/03
RESIDUE	TOTAL	MG/L	1	1642.00		1642.00	1642.00	78/03	78/03
RESIDUE	DISS-105	C MG/L	1	1563.00		1563.00	1563.00	78/03	78/03
RESIDUE	TOT NFLT	MG/L	1	100.000		100.000	100.000	78/03	78/03
NH3+NH4-	N TOTAL	MG/L	1	.750000		.750000	.750000	78/03	78/03
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	78/03	78/03
NO3-N	TOTAL	MG/L	1	.480000		.480000	.480000	78/03	78/03
TOT KJEL	N	MG/L	1	1.60000		1.60000	1.60000	78/03	78/03
PHOS-TOT		MG/L P	1	.500000		.500000	.500000	78/03	78/03
TOT HARD	CACO3	MG/L	1	866.000		866.000	866.000	78/03	78/03
CHLORIDE	CL	MG/L	1	26.0000		26.0000	26.0000	78/03	78/03
SULFATE	SO4-TOT	MG/L	1	1020.00		1020.00	1020.00	78/03	78/03
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/03	78/03
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
COPPER	CU,TOT	UG/L	1	40.0000		40.0000	40.0000	78/03	78/03
IRON	FE,TOT	UG/L	1	15400.0		15400.0	15400.0	78/03	78/03
LEAD	PB,TOT	UG/L	1	30.0000		30.0000	30.0000	78/03	78/03
MANGNESE	MN	UG/L	1	840.000		840.000	840.000	78/03	78/03
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/03	78/03
ZINC	ZN,TOT	UG/L	1	90.0000		90.0000	90.0000	78/03	78/03
ALUMINUM	AL,TOT	UG/L	1	4400.00		4400.00	4400.00	78/03	78/03
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/03	78/03

TABLE RD 1-296

STATION NUMBER 609230
40 04 01.0 080 46 02.0 2
WHEELING CR NR BRIDGEPORT
OHIO RIVER (WHEELING CREEK)
MILES 0953.80 0891.30 001.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	24.0000		24.0000	24.0000	78/08	78/08
STREAM	FLOW	CFS	1	45.0000		45.0000	45.0000	78/08	78/08
CNDUCTVY	FIELD	MICROMHO	1	2585.00		2585.00	2585.00	78/08	78/08
DO		MG/L	1	9.30000		9.30000	9.30000	78/08	78/08
COD	LOWLEVEL	MG/L	1	5.00000		5.00000	5.00000	78/08	78/08
PH		SU	1	8.30000		8.30000	8.30000	78/08	78/08
RESIDUE	DISS-105	C MG/L	1	1996.00		1996.00	1996.00	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
TOT HARD	CACO3	MG/L	1	925.000		925.000	925.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	830.000		830.000	830.000	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
MANGNESE	MN	UG/L	1	110.000		110.000	110.000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
ALUMINUM	AL,TOT	UG/L	1	300.000		300.000	300.000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	6.00000		6.00000	6.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-297

STATION NUMBER 609110
38 51 29.0 083 55 43.0 2
WHITE OAK CR BL GEORGETOWN
OHIO RIVER (WHITE OAK CREEK)
MILES 0953.80 0556.60 005.70

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	28.0000		28.0000	28.0000	78/08	78/08
STREAM	FLOW	CFS	1	4.00000		4.00000	4.00000	78/08	78/08
CNDUCTVY	FIELD	MICROMHO	1	462.000		462.000	462.000	78/08	78/08
DO		MG/L	1	10.2000		10.2000	10.2000	78/08	78/08
COD	LOWLEVEL	MG/L	1	18.0000		18.0000	18.0000	78/08	78/08
PH		SU	1	8.90000		8.90000	8.90000	78/08	78/08
RESIDUE	DISS-105	C MG/L	1	249.000		249.000	249.000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	18.0000		18.0000	18.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.050000		.050000	.050000	78/08	78/08
TOT KJEL	N	MG/L	1	.800000		.800000	.800000	78/08	78/08
PHOS-TOT		MG/L P	1	.900000		.900000	.900000	78/08	78/08
TOT HARD	CACO3	MG/L	1	175.000		175.000	175.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
LEAD	PB,TOT	UG/L	1	7.00000		7.00000	7.00000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-298

STATION NUMBER 609260
40 33 13.0 080 41 30.0 2
YELLOW CR NEAR HAMMONDSVILLE
OHIO RIVER (YELLOW CREEK)
MILES 0953.80 0930.60 002.50

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
STREAM	FLOW	CFS	1	27.1000		27.1000	27.1000	78/08	78/08
CNDUCTVY	FIELD	MICROMHO	1	660.000		660.000	660.000	78/08	78/08
COD	LOWLEVEL	MG/L	1	4.00000		4.00000	4.00000	78/08	78/08
RESIDUE	DISS-105	C MG/L	1	451.000		451.000	451.000	78/08	78/08
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	78/08	78/08
NH3+NH4-	N TOTAL	MG/L	1	.130000		.130000	.130000	78/08	78/08
TOT HARD	CACO3	MG/L	1	241.000		241.000	241.000	78/08	78/08
CADMIUM	CD,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
IRON	FE,TOT	UG/L	1	1460.00		1460.00	1460.00	78/08	78/08
LEAD	PB,TOT	UG/L	1	5.00000		5.00000	5.00000	78/08	78/08
MANGNESE	MN	UG/L	1	120.000		120.000	120.000	78/08	78/08
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	78/08	78/08
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	78/08	78/08
ALUMINUM	AL,TOT	UG/L	1	300.000		300.000	300.000	78/08	78/08
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	78/08	78/08
MERCURY	HG,TOTAL	UG/L	1	.500000		.500000	.500000	78/08	78/08

TABLE RD 1-299

STATION NUMBER 504160
41 54 30.0 080 48 38.0 2
ASHTABULA WATER SUPPLY INTAKE
LAKE ERIE (CENTRAL BASIN ASHTABULA AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	22	18.5045	4.37200	23.3000	10.0000	77/05	77/09
TURB	JKSN	JTU	22	15.9091	11.0234	49.0000	4.00000	77/05	77/09
CNDUCTVY	AT 25C	MICROMHO	2	201.500	14.8492	212.000	191.000	77/05	77/05
DO		MG/L	22	8.04545	1.14631	10.2000	5.80000	77/05	77/09
COD	LOWLEVEL	MG/L	1	10.0000		10.0000	10.0000	77/12	77/12
LAB	PH	SU	22	8.11818	.126019	8.40000	8.00000	77/05	77/09
T ALK	CACO3	MG/L	22	95.6818	2.86917	104.000	92.0000	77/05	77/09
RESIDUE	TOT NFLT	MG/L	18	5.05556	3.29835	10.0000	1.00000	77/05	77/08
NH3+NH4-	N TOTAL	MG/L	13	.085384	.068266	.220000	.010000	77/06	78/06
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	77/11	77/11
NO3-N	TOTAL	MG/L	24	.694166	.558559	2.10000	.100000	77/05	78/03
TOT KJEL	N	MG/L	13	.384615	.328750	1.20000	.000000	77/06	78/06
PHOS-TOT		MG/L P	13	.523846	.932483	3.43000	.050000	77/06	78/06
PHOS-DIS		MG/L P	12	.428333	.960064	3.35000	.050000	77/06	78/06
T ORG C	C	MG/L	12	11.6667	14.8352	58.0000	5.00000	77/06	78/06
TOT HARD	CACO3	MG/L	23	134.043	6.28513	144.000	122.000	77/05	77/10
CHLORIDE	CL	MG/L	23	25.6087	2.24613	30.0000	22.0000	77/05	77/10
FLUORIDE	F,DISS	MG/L	22	.105909	.010983	.140000	.100000	77/05	77/09
SILICA	DISOLVED	MG/L	11	1.18909	1.42841	5.17000	.070000	77/08	78/06
ARSENIC	AS,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	77/06	78/03
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/12	77/12
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/06	78/03
CHROMIUM	CR,TOT	UG/L	4	42.5000	25.0000	80.0000	30.0000	77/06	78/03
COPPER	CU,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/06	78/03
LEAD	PB,TOT	UG/L	4	12.7500	15.5000	36.0000	5.00000	77/06	78/03
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	77/06	78/03
ZINC	ZN,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/06	78/03
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/12	77/12
FEC COLI	MFM-FCBR	/100ML	22	7.09091	12.1925	56.0000	1.00000	77/05	77/09
PHENOLS	TOTAL	UG/L	1	2.00000		2.00000	2.00000	77/09	77/09
MBAS		MG/L	2	.055000	.007071	.060000	.050000	77/09	77/10
PCBS	WHL SMPL	UG/L	3	.500000	.000000	.500000	.500000	77/07	78/03
MERCURY	HG,TOTAL	UG/L	4	.500000	.000000	.500000	.500000	77/06	78/03

TABLE RD 1-300

STATION NUMBER 504160
41 54 30.0 080 48 38.0 2
ASHTABULA WATER SUPPLY INTAKE
LAKE ERIE (CENTRAL BASIN ASHTABULA AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	7	6.37143	7.58062	18.5000	.500000	78/12	79/06
TURB	JKSN	JTU	8	10.5500	15.5133	47.0000	1.20000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	5	183.000	29.0689	230.000	150.000	79/01	79/06
DO		MG/L	1	12.4000		12.4000	12.4000	79/03	79/03
PH		SU	7	7.47142	.269125	7.80000	7.00000	78/12	79/06
T ALK	CACO3	MG/L	8	97.7500	16.4208	137.000	84.0000	78/11	79/06
NH3+NH4-	N TOTAL	MG/L	11	.097273	.041735	.150000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	8	.013750	.007440	.030000	.010000	78/11	79/06
NO3-N	TOTAL	MG/L	9	.367777	.181232	.720000	.210000	78/07	79/06
TOT KJEL	N	MG/L	9	.633333	.858778	2.90000	.200000	78/07	79/06
PHOS-TOT		MG/L P	11	.127272	.153238	.560000	.050000	78/07	79/06
PHOS-DIS		MG/L P	4	.062500	.025000	.100000	.050000	78/07	79/02
T ORG C	C	MG/L	3	5.80000	2.30653	8.00000	3.40000	78/07	78/09
CHLORIDE	CL	MG/L	8	17.6250	10.8092	30.0000	3.00000	78/11	79/06
SULFATE	SO4-TOT	MG/L	8	22.6250	6.54517	31.0000	12.0000	78/11	79/06
SILICA	DISOLVED	MG/L	9	.304444	.105608	.420000	.170000	78/07	79/06
FEC COLI	MFM-FCBR	/100ML	4	9.50000	12.3895	28.0000	2.50000	79/03	79/06
FECSTREP	MF M-ENT	/100ML	4	14.3750	15.6278	35.0000	2.00000	79/03	79/06

TABLE RD 1-301

STATION NUMBER 504170
41 42 00.0 083 15 32.0 2
CONNEAUT WATER SUPPLY INTAKE
LAKE ERIE (CENTRAL BASIN CONNEAUT AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	1	5.00000		5.00000	5.00000	79/02	79/02
COD	LOWLEVEL	MG/L	6	8.68333	4.82511	14.1000	4.00000	78/11	79/04
PH		SU	1	7.50000		7.50000	7.50000	79/02	79/02
RESIDUE	TOT NFLT	MG/L	1	10.0000		10.0000	10.0000	79/03	79/03
NH3+NH4-	N TOTAL	MG/L	10	.076000	.028752	.120000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	4	.022500	.009574	.030000	.010000	79/02	79/06
NO3-N	TOTAL	MG/L	8	.401250	.271474	.840000	.170000	78/07	79/06
TOT KJEL	N	MG/L	9	.322222	.109291	.500000	.200000	78/07	79/06
PHOS-TOT		MG/L P	10	.187999	.257631	.820000	.050000	78/07	79/06
PHOS-DIS		MG/L P	10	.096000	.160014	.550000	.010000	78/07	79/06
T ORG C	C	MG/L	8	5.46250	1.62915	8.40000	3.40000	78/07	79/04
CYANIDE	CN-TOT	MG/L	9	.010000	.000008	.010000	.010000	78/07	79/06
TOT HARD	CACO3	MG/L	1	123.000		123.000	123.000	79/04	79/04
SILICA	DISOLVED	MG/L	9	.441111	.285283	.890000	.050000	78/07	79/06
CADMIUM	CD,TOT	UG/L	8	5.00000	.000000	5.00000	5.00000	78/08	79/06
CHROMIUM	CR,TOT	UG/L	1	30.0000		30.0000	30.0000	79/01	79/01
COPPER	CU,TOT	UG/L	1	30.0000		30.0000	30.0000	79/01	79/01
IRON	FE,TOT	UG/L	8	700.000	1088.67	3300.00	30.0000	78/08	79/06
LEAD	PB,TOT	UG/L	1	7.00000		7.00000	7.00000	79/01	79/01
NICKEL	NI,TOTAL	UG/L	1	100.000		100.000	100.000	79/01	79/01
ZINC	ZN,TOT	UG/L	1	30.0000		30.0000	30.0000	79/01	79/01
PHENOLS	TOTAL	UG/L	9	3.77778	3.11359	11.0000	2.00000	78/07	79/06
MERCURY	HG,TOTAL	UG/L	1	.800000		.800000	.800000	79/01	79/01

TABLE RD 1-302

STATION NUMBER 504170
41 42 00.0 083 15 32.0 2
CONNEAUT WATER SUPPLY INTAKE
LAKE ERIE (CENTRAL BASIN CONNEAUT AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
NH3+NH4-	N TOTAL	MG/L	10	.095000	.067371	.270000	.050000	77/08	78/06
NO2-N	TOTAL	MG/L	1	.010000		.010000	.010000	77/08	77/08
NO3-N	TOTAL	MG/L	1	.110000		.110000	.110000	77/08	77/08
TOT KJEL	N	MG/L	10	.235000	.105541	.400000	.050000	77/08	78/06
PHOS-TOT		MG/L P	10	.338999	.447796	1.41000	.050000	77/08	78/06
PHOS-DIS		MG/L P	9	.216666	.342673	1.08000	.050000	77/08	78/06
T ORG C	C	MG/L	10	6.36000	3.45743	13.8000	1.00000	77/08	78/06
CYANIDE	CN-TOT	MG/L	8	.010000	.000008	.010000	.010000	77/11	78/06
SILICA	DISOLVED	MG/L	7	1.07000	1.04894	2.58000	.100000	77/10	78/06
CADMIUM	CD,TOT	UG/L	6	5.50000	1.22474	8.00000	5.00000	77/12	78/05
IRON	FE,TOT	UG/L	6	575.000	803.461	2200.00	170.00	71	

TABLE RD 1-303

STATION NUMBER 504090
41 31 08.0 081 52 46.0 2
CROWN WATER SUPPLY INTAKE
LAKE ERIE (CENTRAL BASIN CLEVELAND AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	6	8.63333	7.51124	19.0000	1.10000	78/11	79/06
TURB	JKSN	JTU	8	7.58750	9.09418	28.0000	1.60000	78/11	79/06
CNDUCTVY	FIELD	MICROMHO	5	244.400	11.1053	260.000	230.000	78/12	79/06
CNDUCTVY	AT 25C	MICROMHO	2	238.500	21.9203	254.000	223.000	78/11	79/01
DO		MG/L	7	11.2571	1.88757	13.0000	8.10000	78/11	79/06
PH		SU	8	7.77499	.212194	8.00000	7.30000	78/11	79/06
T ALK	CACO3	MG/L	8	92.2500	4.43203	100.000	84.0000	78/11	79/06
NH3+NH4-	N TOTAL	MG/L	8	.071250	.032705	.140000	.050000	78/11	79/06
NO2-N	TOTAL	MG/L	8	.010000	.000008	.010000	.010000	78/11	79/06
NO3-N	TOTAL	MG/L	8	.410000	.335176	1.11000	.150000	78/11	79/06
TOT KJEL	N	MG/L	8	.650000	.821149	2.60000	.100000	78/11	79/06
PHOS-TOT		MG/L P	8	.057500	.014881	.090000	.050000	78/11	79/06
PHOS-DIS		MG/L P	5	.056000	.013417	.080000	.050000	79/01	79/06
CYANIDE	CN-TOT	MG/L	2	.010000	.000000	.010000	.010000	79/03	79/04
TOT HARD	CACO3	MG/L	4	126.250	7.58837	134.000	116.000	79/01	79/04
CHLORIDE	CL	MG/L	8	14.2500	7.04577	23.0000	6.00000	78/11	79/06
SULFATE	SO4-TOT	MG/L	8	20.7500	5.99404	30.0000	10.0000	78/11	79/06
FLUORIDE	F,DISS	MG/L	5	.192000	.063403	.270000	.130000	79/01	79/05
SILICA	DISOLVED	MG/L	8	.295000	.171047	.490000	.050000	78/11	79/06
ARSENIC	AS,TOT	UG/L	3	10.0000	.000000	10.0000	10.0000	79/01	79/04
CADMIUM	CD,TOT	UG/L	3	5.00000	.000000	5.00000	5.00000	79/01	79/04
CHROMIUM	CR,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/04
COPPER	CU,TOT	UG/L	3	46.6667	20.8167	70.0000	30.0000	79/01	79/04
IRON	FE,TOT	UG/L	3	276.666	155.671	440.000	130.000	79/01	79/04
LEAD	PB,TOT	UG/L	3	16.3333	14.7422	33.0000	5.00000	79/01	79/04
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	79/01	79/04
ZINC	ZN,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	79/01	79/04
ALUMINUM	AL,TOT	UG/L	3	200.000	.000000	200.000	200.000	79/01	79/04
SELENIUM	SE,TOT	UG/L	3	6.66667	2.88676	10.0000	5.00000	79/01	79/04
FEC COLI	MFM-FCBR	/100ML	4	6.87500	8.75000	20.0000	2.50000	79/03	79/06
FECSTREP	MF M-ENT	/100ML	4	8.25000	7.39932	18.0000	2.50000	79/03	79/06
PHENOLS	TOTAL	UG/L	3	2.00000	.000000	2.00000	2.00000	79/01	79/04
PCBS	WHL SMPL	UG/L	3	.500000	.000000	.500000	.500000	79/01	79/04
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	79/01	79/04

TABLE RD 1-304

STATION NUMBER 504130
41 43 34.0 081 22 05.0 2
MENTOR ON L. WATER SUPPLY INTAKE
LAKE ERIE (CENTRAL BASIN MENTOR ON THE LAKE AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	58	11.9637	8.44886	25.3000	.900000	77/05	78/06
TURB	JKSN	JTU	58	11.4103	12.8598	63.0000	1.30000	77/05	78/06
CNDUCTVY	AT 25C	MICROMHO	54	311.759	20.9685	384.000	270.000	77/06	78/06
DO		MG/L	53	9.81883	2.03123	13.1000	6.50000	77/06	78/06
COD	LOWLEVEL	MG/L	7	8.71428	6.29059	21.0000	4.00000	77/12	78/06
LAB	PH	SU	50	8.13614	.227350	8.73000	7.73000	77/05	78/06
T ALK	CACO3	MG/L	58	89.2586	3.51329	98.0000	82.0000	77/05	78/06
RESIDUE	TOT NFLT	MG/L	57	13.1579	23.1977	158.000	1.00000	77/05	78/06
NH3+NH4-	N TOTAL	MG/L	14	.194285	.161756	.570000	.050000	77/05	78/06
NO2-N	TOTAL	MG/L	50	.010840	.010227	.050000	.000000	77/05	78/06
NO3-N	TOTAL	MG/L	50	.357799	.197726	.860000	.090000	77/05	78/06
TOT KJEL	N	MG/L	14	.471428	.284006	1.10000	.100000	77/05	78/06
PHOS-TOT		MG/L P	14	.537857	.626629	1.92000	.050000	77/05	78/06
PHOS-DIS		MG/L P	13	.318461	.520606	1.65000	.050000	77/05	78/06
T ORG C	C	MG/L	14	6.65714	2.71767	12.0000	2.00000	77/05	78/06
TOT HARD	CACO3	MG/L	58	121.931	8.52885	144.000	110.000	77/05	78/06
CHLORIDE	CL	MG/L	58	30.4828	5.71623	51.0000	24.0000	77/05	78/06
FLUORIDE	F,DISS	MG/L	54	.314629	.059646	.450000	.190000	77/05	78/06
SILICA	DISOLVED	MG/L	10	1.11100	.721410	2.03000	.150000	77/08	78/06
ARSENIC	AS,TOT	UG/L	4	10.0000	.000000	10.0000	10.0000	77/06	78/03
BARIUM	BA,TOT	UG/L	1	200.000		200.000	200.000	77/12	77/12
CADMIUM	CD,TOT	UG/L	4	5.00000	.000000	5.00000	5.00000	77/06	78/03
CHROMIUM	CR,TOT	UG/L	4	30.0000	.000000	30.0000	30.0000	77/06	78/03
COPPER	CU,TOT	UG/L	3	30.0000	.000000	30.0000	30.0000	77/09	78/03
LEAD	PB,TOT	UG/L	4	6.50000	2.38048	10.0000	5.00000	77/06	78/03
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	77/06	78/03
ZINC	ZN,TOT	UG/L	4	32.5000	5.00000	40.0000	30.0000	77/06	78/03
SELENIUM	SE,TOT	UG/L	1	5.00000		5.00000	5.00000	77/12	77/12
FEC COLI	MFM-FCBR	/100ML	57	46.1930	154.238	1120.00	.000000	77/05	78/06
FECSTREP	MF M-ENT	/100ML	56	25.1964	43.1013	180.000	.000000	77/05	78/06
PCBS	WHL SMPL	UG/L	4	.500000	.000000	.500000	.500000	77/07	78/06
MERCURY	HG,TOTAL	UG/L	3	.500000	.000000	.500000	.500000	77/09	78/03

TABLE RD 1-305

STATION NUMBER 504130
41 43 34.0 081 22 05.0 2
MENTOR ON L. WATER SUPPLY INTAKE
LAKE ERIE (CENTRAL BASIN MENTOR ON THE LAKE AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	31	14.4613	8.19199	24.0000	1.00000	78/07	79/05
TURB	JKSN	JTU	32	13.3031	11.2648	38.0000	1.10000	78/07	79/06
CNDUCTVY	FIELD	MICROMHO	4	197.500	17.0782	220.000	180.000	78/12	79/05
CNDUCTVY	AT 25C	MICROMHO	22	302.727	24.3711	330.000	233.000	78/07	78/12
DO		MG/L	22	9.22727	2.01239	12.6000	5.40000	78/07	78/12
COD	LOWLEVEL	MG/L	2	7.50000	2.12132	9.00000	6.00000	78/07	78/08
PH		SU	7	7.52856	.281395	8.00000	7.30000	78/12	79/06
LAB	PH	SU	26	8.18307	.304796	8.76000	7.46000	78/07	78/12
T ALK	CACO3	MG/L	32	89.1562	3.48383	94.0000	78.0000	78/07	79/06
RESIDUE	TOT NFLT	MG/L	13	14.3846	11.5365	35.0000	3.00000	78/07	78/12
NH3+NH4-	N TOTAL	MG/L	11	.392727	.782842	2.74000	.070000	78/07	79/06
NO2-N	TOTAL	MG/L	22	.022727	.018305	.050000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	24	.360416	.238737	1.10000	.080000	78/07	79/06
TOT KJEL	N	MG/L	10	.740000	.894676	3.20000	.200000	78/07	79/06
PHOS-TOT		MG/L P	10	.136999	.210821	.730000	.050000	78/07	79/06
PHOS-DIS		MG/L P	2	.285000	.318198	.510000	.060000	78/07	78/08
T ORG C	C	MG/L	2	6.00000	1.41421	7.00000	5.00000	78/07	78/08
TOT HARD	CACO3	MG/L	26	126.308	5.97223	140.000	112.000	78/07	78/12
CHLORIDE	CL	MG/L	33	25.6060	7.00424	33.0000	6.00000	78/07	79/06
SULFATE	SO4-TOT	MG/L	7	21.7143	6.42172	29.0000	10.0000	78/12	79/06
FLUORIDE	F,DISS	MG/L	5	.284000	.020739	.310000	.260000	78/07	78/08
SILICA	DISOLVED	MG/L	10	.487000	.264325	1.06000	.070000	78/07	79/06
FEC COLI	MFM-FCBR	/100ML	30	73.2167	150.451	520.000	1.00000	78/07	79/06
FECSTREP	MF M-ENT	/100ML	29	44.8793	90.0993	330.000	1.00000	78/07	79/06
PCBS	WHL SMPL	UG/L	1	.500000		.500000	.500000	78/09	78/09

TABLE RD 1-306

STATION NUMBER 504240
41 41 33.0 083 15 33.0 2
OREGON WATER SUPPLY INTAKE
LAKE ERIE (WESTERN BASIN-TOLEDO AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	5	4.86000	3.14612	10.0000	1.50000	78/01	78/05
CNDUCTVY	AT 25C	MICROMHO	10	325.400	50.9902	414.000	224.000	77/08	78/06
DO		MG/L	3	11.6000	1.01496	12.7000	10.7000	78/01	78/05
LAB	PH	SU	11	7.48181	.376300	7.90000	6.60000	77/08	78/06
T ALK	CACO3	MG/L	12	98.6667	17.6242	144.000	70.0000	77/08	78/06
RESIDUE	DISS-105	C MG/L	1	164.000		164.000	164.000	78/01	78/01
RESIDUE	TOT NFLT	MG/L	12	24.5000	15.0242	52.0000	10.0000	77/08	78/06
NH3+NH4-	N TOTAL	MG/L	12	.189166	.097278	.380000	.060000	77/08	78/06
NO2-N	TOTAL	MG/L	12	.023333	.019695	.060000	.010000	77/08	78/06
NO3-N	TOTAL	MG/L	12	1.16083	1.19974	4.02000	.060000	77/08	78/06
TOT KJEL	N	MG/L	12	.741666	.412219	1.90000	.300000	77/08	78/06
PHOS-TOT		MG/L P	12	.455000	.950669	3.43000	:050000	77/08	78/06
PHOS-DIS		MG/L P	1	.100000		.100000	.100000	77/09	77/09
T ORG C	C	MG/L	12	8.05000	3.84838	13.9000	2.00000	77/08	78/06
TOT HARD	CACO3	MG/L	11	135.455	15.1288	153.000	112.000	77/08	78/06
CHLORIDE	CL	MG/L	12	19.6667	3.57608	27.0000	16.0000	77/08	78/06
SILICA	DISOLVED	MG/L	12	1.74833	1.96955	6.40000	.060000	77/08	78/06
ARSENIC	AS,TOT	UG/L	5	10.0000	.000000	10.0000	10.0000	77/08	78/05
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	77/08	78/05
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	77/08	78/05
COPPER	CU,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	77/08	78/05
LEAD	PB,TOT	UG/L	5	5.20000	.447240	6.00000	5.00000	77/08	78/05
NICKEL	NI,TOTAL	UG/L	5	100.000	.000000	100.000	100.000	77/08	78/05
ZINC	ZN,TOT	UG/L	5	32.0000	10.9545	50.0000	20.0000	77/08	78/05
FEC COLI	MFM-FCBR	/100ML	8	47.0000	115.161	330.000	1.00000	77/10	78/06
PCBS	WHL SMPL	UG/L	7	.500000	.000000	.500000	.500000	77/08	78/06
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	77/08	78/05

TABLE RD 1-307

STATION NUMBER 504240
41 41 33.0 083 15 33.0 2
OREGON WATER SUPPLY INTAKE
LAKE ERIE (WESTERN BASIN-TOLEDO AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	3	11.8667	10.6369	24.1000	4.80000	78/08	79/03
TURB	JKSN	JTU	3	15.7333	15.4536	33.0000	3.20000	78/11	79/03
CNDUCTVY	AT 25C	MICROMHO	12	351.000	102.471	568.000	243.000	78/07	79/06
DO		MG/L	3	10.3000	3.59309	12.9000	6.20000	78/08	79/03
BOD	5 DAY	MG/L	1	1.60000		1.60000	1.60000	79/05	79/05
COD	LOWLEVEL	MG/L	3	12.8667	7.48489	21.5000	8.20000	79/05	79/06
LAB	PH	SU	12	7.76666	.218851	8.00000	7.40000	78/07	79/06
T ALK	CACO3	MG/L	9	100.889	12.7325	121.000	88.0000	78/07	79/05
RESIDUE	DISS-105	C MG/L	4	253.000	52.7004	302.000	198.000	79/03	79/06
RESIDUE	TOT NFLT	MG/L	12	31.2500	22.3774	82.0000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	12	.112500	.057386	.230000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	11	.027273	.023277	.070000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	1.69917	2.15925	6.43000	.050000	78/07	79/06
TOT KJEL	N	MG/L	12	.831666	.629600	2.48000	.300000	78/07	79/06
PHOS-TOT		MG/L P	12	.128333	.110193	.390000	.050000	78/07	79/06
PHOS-DIS		MG/L P	4	.055000	.010000	.070000	.050000	78/12	79/06
T ORG C	C	MG/L	10	6.79000	3.91960	12.0000	1.00000	78/07	79/05
CYANIDE	CN-TOT	MG/L	1	.010000		.010000	.010000	78/11	78/11
TOT HARD	CACO3	MG/L	10	148.300	35.9694	213.000	110.000	78/07	79/06
CHLORIDE	CL	MG/L	11	15.6364	9.02522	34.0000	5.00000	78/07	79/06
SULFATE	SO4-TOT	MG/L	5	31.8000	12.6373	45.0000	17.0000	78/07	79/06
FLUORIDE	F,DISS	MG/L	3	.220000	.091651	.300000	.120000	78/11	79/06
SILICA	DISOLVED	MG/L	9	1.07444	1.63275	5.28000	.050000	78/07	79/06
ARSENIC	AS,TOT	UG/L	8	10.0000	.000000	10.0000	10.0000	78/08	79/06
CADMIUM	CD,TOT	UG/L	8	5.00000	.000000	5.00000	5.00000	78/08	79/06
CHROMIUM	CR,TOT	UG/L	8	30.0000	.000000	30.0000	30.0000	78/08	79/06
COPPER	CU,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/08	79/06
IRON	FE,TOT	UG/L	2	705.000	544.472	1090.00	320.000	78/11	79/06
LEAD	PB,TOT	UG/L	8	8.37500	3.85218	16.0000	5.00000	78/08	79/06
MANGNESE	MN	UG/L	1	30.0000		30.0000	30.0000	78/11	78/11
NICKEL	NI,TOTAL	UG/L	5	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	8	30.0000	.000000	30.0000	30.0000	78/08	79/06
ALUMINUM	AL,TOT	UG/L	2	350.000	212.132	500.000	200.000	78/11	79/06
SELENIUM	SE,TOT	UG/L	1	10.0000		10.0000	10.0000	78/11	78/11
FEC COLI	MFM-FCBR	/100ML	10	24.4000	65.4407	210.000	1.00000	78/07	79/05
FECSTREP	MF M-ENT	/100ML	3	20.6667	34.0637	60.0000	1.00000	78/12	79/05
PHENOLS	TOTAL	UG/L	3	2.00000	.000000	2.00000	2.00000	78/11	79/02
PCBS	WHL SMPL	UG/L	4	.500000	.000000	.500000	.500000	78/07	78/05
FECSTREP	MF M-ENT	/100ML	3	20.6667	34.0637	60.0000	1.00000	78/12	79/05
PHENOLS	TOTAL	UG/L	3	2.00000	.000000	2.00000	2.00000	78/11	79/02
PCBS	WHL SMPL	UG/L	4	.500000	.000000	.500000	.500000	78/07	78/10
MERCURY	HG,TOTAL	UG/L	8	.500000	.000000	.500000	.500000	78/08	79/06

TABLE RD 1-308

STATION NUMBER 504030
41 27 51.0 082 38 50.0 2
SANDUSKY WATER SUPPLY INTAKE
LAKE ERIE (CENTRAL BASIN SANDUSKY AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	15	8.88666	9.13070	23.2000	.200000	77/07	78/04
TURB	JKSN	JTU	11	11.8818	9.90130	38.0000	4.00000	77/07	78/03
CNDUCTVY	AT 25C	MICROMHO	20	293.200	38.2588	371.000	233.000	77/07	78/06
DO		MG/L	10	8.96000	3.89650	14.5000	3.30000	77/07	78/03
LAB	PH	SU	21	7.68571	.403763	8.40000	6.80000	77/07	78/06
T ALK	CACO3	MG/L	21	94.8095	5.72440	108.000	87.0000	77/07	78/06
RESIDUE	TOTAL	MG/L	11	231.091	37.7187	304.000	191.000	77/07	78/03
RESIDUE	TOT NFLT	MG/L	12	13.4167	6.38832	25.0000	7.00000	77/08	78/06
NH3+NH4-	N TOTAL	MG/L	12	.099166	.047378	.190000	.050000	77/08	78/06
NO2-N	TOTAL	MG/L	12	.011667	.003893	.020000	.010000	77/08	78/06
NO3-N	TOTAL	MG/L	21	.557619	.490234	1.50000	.050000	77/07	78/06
TOT KJEL	N	MG/L	12	.362500	.232697	.900000	.050000	77/08	78/06
PHOS-TOT		MG/L P	11	.629090	1.09713	3.68000	.050000	77/08	78/06
T ORG C	C	MG/L	12	6.01666	2.95045	12.9000	3.00000	77/08	78/06
TOT HARD	CACO3	MG/L	19	129.263	10.7335	154.000	112.000	77/07	78/06
CHLORIDE	CL	MG/L	21	18.5714	2.11126	22.0000	14.0000	77/07	78/06
SULFATE	SO4-TOT	MG/L	9	26.7889	3.64709	31.0000	22.0000	77/07	78/03
FLUORIDE	F,DISS	MG/L	1	.000000		.000000	.000000	77/08	77/08
SILICA	DISOLVED	MG/L	13	1.12615	.944629	3.00000	.110000	77/08	78/06
ARSENIC	AS,TOT	UG/L	5	10.0000	.000000	10.0000	10.0000	77/08	78/05
CADMIUM	CD,TOT	UG/L	5	5.00000	.000000	5.00000	5.00000	77/08	78/05
CHROMIUM	CR,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	77/08	78/05
COPPER	CU,TOT	UG/L	5	32.0000	4.47214	40.0000	30.0000	77/08	78/05
IRON	FE,TOT	UG/L	8	180.000	60.9449	320.000	120.000	77/07	78/03
LEAD	PB,TOT	UG/L	5	6.40000	3.13050	12.0000	5.00000	77/08	78/05
MANGNESE	MN	UG/L	9	.000000	.000000	.000000	.000000	77/07	78/03
NICKEL	NI,TOTAL	UG/L	3	100.000	.000000	100.000	100.000	77/08	77/11
ZINC	ZN,TOT	UG/L	5	30.0000	.000000	30.0000	30.0000	77/08	78/05
FEC COLI	MFM-FCBR	/100ML	17	6.64706	13.4719	53.0000	.000000	77/07	78/06
FECSTREP	MF M-ENT	/100ML	9	23.0000	51.3663	159.000	.000000	77/07	78/03
PCBS	WHL SMPL	UG/L	7	.500000	.000000	.500000	.500000	77/08	78/05
MERCURY	HG,TOTAL	UG/L	5	.500000	.000000	.500000	.500000	77/08	78/05

TABLE RD 1-309

STATION NUMBER 504030
41 27 51.0 082 38 50.0 2
SANDUSKY WATER SUPPLY INTAKE
LAKE ERIE (CENTRAL BASIN SANDUSKY AREA)

PARAMETER			NO	MEAN	STAN DEV	MAXIMUM	MINIMUM	BEG	END
WATER	TEMP	CENT	5	11.2400	10.2933	23.0000	1.10000	78/07	79/03
TURB	JKSN	JTU	2	17.1500	21.0011	32.0000	2.30000	78/11	78/12
CNDUCTVY	AT 25C	MICROMHO	12	313.000	23.5681	363.000	280.000	78/07	79/06
DO		MG/L	2	13.0000	1.41421	14.0000	12.0000	78/12	79/01
BOD	5 DAY	MG/L	1	1.20000		1.20000	1.20000	79/05	79/05
COD	LOWLEVEL	MG/L	3	6.03333	2.10319	8.20000	4.00000	79/05	79/06
PH		SU	1	8.00000		8.00000	8.00000	79/03	79/03
LAB	PH	SU	12	7.74166	.336968	8.40000	7.40000	78/07	79/06
T ALK	CACO3	MG/L	10	91.0000	20.2649	117.000	38.0000	78/07	79/05
RESIDUE	DISS-105	C MG/L	4	179.000	12.3828	190.000	162.000	79/03	79/06
RESIDUE	TOT NFLT	MG/L	12	27.8333	50.9863	188.000	10.0000	78/07	79/06
NH3+NH4-	N TOTAL	MG/L	13	.115384	.158305	.630000	.050000	78/07	79/06
NO2-N	TOTAL	MG/L	12	.015000	.006742	.030000	.010000	78/07	79/06
NO3-N	TOTAL	MG/L	12	.625000	.559846	1.94000	.090000	78/07	79/06
TOT KJEL	N	MG/L	12	.599999	.469042	1.80000	.100000	78/07	79/06
PHOS-TOT		MG/L P	12	.326249	.815534	2.90000	.005000	78/07	79/06
PHOS-DIS		MG/L P	4	.038750	.022500	.050000	.005000	78/12	79/06
T ORG C	C	MG/L	10	6.41000	2.77667	12.0000	2.60000	78/07	79/05
TOT HARD	CACO3	MG/L	12	127.000	6.64694	143.000	118.000	78/07	79/06
CHLORIDE	CL	MG/L	11	15.1818	4.44563	20.0000	7.00000	78/07	79/06
SULFATE	SO4-TOT	MG/L	4	30.7500	6.55108	39.0000	25.0000	78/11	79/06
FLUORIDE	F,DISS	MG/L	2	.175000	.035356	.200000	.150000	79/05	79/06
SILICA	DISOLVED	MG/L	9	.672222	.536115	1.61000	.090000	78/07	79/06
ARSENIC	AS,TOT	UG/L	7	10.0000	.000000	10.0000	10.0000	78/08	79/06
CADMIUM	CD,TOT	UG/L	7	5.00000	.000000	5.00000	5.00000	78/08	79/06
CHROMIUM	CR,TOT	UG/L	7	30.0000	.000000	30.0000	30.0000	78/08	79/06
COPPER	CU,TOT	UG/L	7	42.8571	11.1271	60.0000	30.0000	78/08	79/06
IRON	FE,TOT	UG/L	1	1600.00		1600.00	1600.00	79/06	79/06
LEAD	PB,TOT	UG/L	7	5.71428	1.25357	8.00000	5.00000	78/08	79/06
NICKEL	NI,TOTAL	UG/L	4	100.000	.000000	100.000	100.000	78/08	79/05
ZINC	ZN,TOT	UG/L	7	41.4286	26.0951	100.000	30.0000	78/08	79/06
ALUMINUM	AL,TOT	UG/L	1	800.000		800.000	800.000	79/06	79/06
FEC COLI	MFM-FCBR	/100ML	9	13.0000	32.7605	100.000	1.00000	78/07	79/05
FECSTREP	MF M-ENT	/100ML	1	1.00000		1.00000	1.00000	79/05	79/05
PCBS	WHL SMPL	UG/L	5	.500000	.000000	.500000	.500000	78/07	78/12
MERCURY	HG,TOTAL	UG/L	7	.500000	.000000	.500000	.500000	78/08	79/06

REFERENCE DOCUMENT 2

Violations Tables

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INTRODUCTION

This document contains all water quality standards violations recorded at National and State Ambient Monitoring Stations, at stations regularly monitored but not a part of the ambient monitoring network and at non-station locations for each year of the reporting period, i.e., 7/1/77-6/30/78 and 7/1/78-6/30/79. The violations tables are arranged in the following manner;

1. In alphabetical order by major river basin and subbasin,

2. By decreasing mainstem river mile station location,

3. By mainstem non-monitoring site locations, and

4. By mainstem tributaries listed in alphabetical order and decreasing river mile station location immediately followed by tributary non-monitoring site locations.

Each violation table contains the following location information; year, major basin, subbasin, station name, STORET station code, State Beneficial Use Designation, station description and river mile location (measured from the mouth). The parameters in violation of Ohio's water quality standards, are listed in alphabetical order by abbreviation (See Key RD 2-1). The kinds of violations include: 1) all persistent toxicant violations, 2) all heavy metal violations, 3) any of the 65 priority pollutants not included in (1) and (2), 4) any violations which impact on the mainstem and 5) all violations on the mainstem. The following violation data are recorded in each table; the total number of violations and the total number of samples for each parameter violated, the date, the time oxygen samples were taken, the sample concentration, the OEPA water quality standard limit and the % flow duration (where available).

Key RD 2-1 for Violation Tables

PARAMETER	ABBREVIATION	Units
Cadmium, Total, Cd	Cd-T	ug/l
Chlorine, Total Residual	Cl_2-T-R	mg/l
Chromium, Hex, Cr	Cr-Hex	ug/l
Chromium, Total, Cr	Cr-T	ug/l
Copper, Total, Cu	Cu-T	ug/l
Cyanide, Total, CN	CN-T	mg/l
Dissolved Oxygen (field)	D.O. (field)	mg/l
Fecal Coli, Total, MF	Fecal Coli-T-MF	#/100ml
Iron, Total, Fe	Fe-T	ug/l
Lead, Total, Pb	Pb-T	ug/l
Manganese, Total, Mn	Mn-T	ug/l
MBAS	MBAS	mg/l
Mercury, Total, Hg	Hg-T	ug/l
Nickel, Total, Ni	Ni-T	ug/l
Nitrogen, Ammonia, N	NH_3-N-T	mg/l
Oil-Grease, Total	O&G-T	mg/l
pH (field)	pH (field)	S.U.
Phenolics	Phenolics	ug/l
Polychlorinated Biphenyls	PCB	ug/l
Residue, Total Flt. (Diss)	TDS	mg/l
Residue, Total Nflt. (Susp)	TSS	mg/l
Water Temperature (field)	Temp (field)	^oC
Zinc, Total, Zn	Zn-T	ug/l

USE DESIGNATION

CWH - Coldwater Habitat
EWH - Exceptional Warmwater Habitat
LE - Lake Erie Standards
MRS - Mahoning River Standards
PWS - Public Drinking Water Source
WWH - Warmwater Habitat

Table RD 2-1: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)
Ashtabula River Basin

Ashtabula River - 502760 - WWH[a]
State Rd., RM 6.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/9)	04/18	50	10	70.8
Fe-T	(1/8)	03/22	4040	1000	2.0
Phenolics	(1/12)	02/21	18	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-2: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Ashtabula River Basin

Ashtabula River - 502760 - WWH[a]
State Rd., RM 6.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/7)	03/29	6900	1000	
Hg-T	(1/7)	09/21	0.6	0.5	
Pb-T	(3/12)	11/21	150	30	88.5
		12/27	76		47.5
		02/21	90		68.3
Phenolics	(1/12)	04/12	34	10	11.6

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-3: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)
Ashtabula River Basin

Field's Brook - 502780 - WWH[a]
At 15th St., RM 0.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/2)	07/13	3050	1000	55.0
Hg-T	(1/1)	07/13	2.2	0.2	55.0
MBAS	(1/4)	10/05	1.42	0.50	42.6
pH	(2/4)	09/07	6.1	6.5-9.0	64.7
		10/05	6.4		42.6
Phenolics	(4/4)	07/13	14	10	55.0
		08/04	85		64.0
		09/07	16		64.7
		10/05	380		42.6
TDS	(3/4)	08/04	1690	1500	64.0
		09/07	1790		64.7
		10/05	2522		42.6
Temp. (Field)	(1/4)	08/04	31.0	29.4	64.0

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-4: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Ashtabula River Basin

Field's Brook - 502780 - WWH[a]
At 15th St., RM 0.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cl_2-T-R	(5/7)	08/29	2.50	0.002	
		01/09	1.30		11.9
		02/21	1.10		68.3
		03/29	7.10		
		04/12	0.11		11.6
Fe-T	(1/3)	04/12	3500	1000	11.6
Hg-T	(3/9)	02/21	44.0	0.20	68.3
		03/29	3.4		
		04/12	0.7		
Phenolics	(2/9)	06/06	86	10	51.5
		12/27	11		47.5
TDS	(2/4)	07/20	3340	1500	
		06/06	2670		51.5

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-5: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Ashtabula River Basin
Ashtabula - (Conneaut - Grand)[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(1/4)	09/07(1050)	Ashtabula River at 6th Street (0.7)	3.0	5/4 WWH	
Fe-T	(1/3)	07/13		1020	1000 WWH	
Fe-T	(1/1)	09/07	Field's Brook at Cook Road (3.4)	1020	1000 WWH	
Fe-T	(1/1)	09/07	Diamond Shamrock Tributary to Field's Brook (1.5)	22600	1000 WWH	
Pb-T	(1/1)	09/07		75000	30 WWH	
Zn-T	(1/1)	09/07		35000	365 WWH	
Fe-T	(2/2)	08/10 09/07	Strong Brook near Mouth (0.1)	1830 73000	1000 WWH	
Pb-T	(1/2)	09/07		35	30 WWH	
Zn-T	(1/2)	09/07		390	365 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-6: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)
Black River Basin

Black River - 501520 - WWH[a]
Cascade Park, RM 15.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(2/11)	03/15	40	10	0.2
		05/11	50	20	16.0
Fe-T	(4/6)	03/15	5360	1000	0.2
		04/13	1240		15.9
		05/11	3800		16.0
		06/29	1600		38.6
Fecal Coli-T-MF	(7/9)	08/25	2800	2000	40.4
		09/15	7500		31.7
		10/05	9000		73.6
		11/16	16000		35.9
		02/15	12000		23.6
		03/15	3400		0.2
		05/11	2100		16.0
Pb-T	(1/12)	03/15	40	30	
Phenolics	(1/10)	02/15	15	10	23.6
Zn-T	(1/7)	03/15	60	55	0.2

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-7: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Black River Basin

Black River - 501520 - WWH[a]
Cascade Park, RM 15.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/12)	09/20(0830)	3.8	5/4	85.1
Fe-T	(2/7)	03/01	1470	1000	11.5
		04/19	1930		21.8
Fecal Coli-T-MF	(10/11)	07/19	5100	2000	79.3
		08/03	3900		60.6
		09/20	3800		85.1
		10/24	6100		75.3
		11/16	5700		67.3
		12/14	5100		44.7
		01/16	6500		34.7
		03/01	11000		11.5
		04/19	3300		21.8
		05/03	3300		75.2
Fecal Coli-T-MF	(10/11)	07/19	5100	2000	79.3
		08/03	3900		60.6
		09/20	3800		85.1
		10/24	6100		75.3
		11/16	5700		67.3
		12/14	5100		44.7
		01/16	6500		34.7
		03/01	11000		11.5
		04/19	3300		75.2
Phenolics	(3/6)	08/03	11	10	60.6
		10/24	12		75.3
		02/15	14		53.0

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-8: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)
Black River Basin

Black River - 501510 - WWH[a]
Ford Rd., RM 9.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(1/3)	10/05	0.03	0.025	73.6
Cu-T	(1/11)	03/15	40	5	0.2
Fe-T	(1/4)	03/15	5560	1000	0.2
Fecal Coli-T-MF	(7/10)	08/25	2300	2000	40.4
		11/16	20000		35.9
		02/15	81000		23.6
		03/15	9100		0.2
		04/13	25000		15.9
		05/11	2300		16.0
		06/29	4900		38.6
MBAS	(3/7)	07/28	0.70	0.50	
		10/05	0.68		73.6
		11/16	0.57		35.9
NH_3-N-T	(2/12)	07/28	10.10	3.80	
		06/29	2.76	1.20	38.6
Pb-T	(1/11)	03/15	37	30	0.2
Phenolics	(1/9)	02/15	16	10	23.6
Zn-T	(1/2)	03/15	70	40	0.2

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-9: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Black River Basin

Black River - 501510 - WWH[a]
Ford Rd., RM 9.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cd-T	(2/8)	08/03	18	12	60.6
		03/01	24		11.5
Cu-T	(2/12)	08/03	70	50	60.6
		03/01	60	20	11.5
D.O. (Field)	(2/12)	07/19(1130)	3.5	5/4	79.3
		09/20(0900)	3.8		85.1
Fe-T	(2/6)	08/03	1470	1000	60.6
		03/01	1880		11.5
Fecal Coli-T-MF	(5/9)	08/03	16000	2000	60.6
		11/16	110000		67.3
		12/14	20000		44.7
		01/16	720000		34.7
		04/19	26000		21.8
MBAS	(1/1)	02/15	1.1	0.5	53.0
NH_3-N-T	(7/12)	07/19	4.77	2.1	79.3
		09/20	18.60	5.1	85.1
		10/02	12.40	11.6	75.3
		11/16	13.30	13.0	67.3
		02/15	17.80	13.0	53.0
		05/03	4.09	2.0	46.8
		06/13	7.57	3.4	61.5
Pb-T	(2/9)	09/20	56	30	85.1
		12/14	33		44.7

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-9: (Continued)

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Phenolics	(6/12)	07/19	19	10	79.3
	08/03	11		60.6	
	10/24	13		75.3	
	11/16	19		67.3	
	02/15	19		53.0	
	05/03	15		46.8	
Zn-T (1/10)	03/01	310	95	11.5	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-10: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)
Chagrin River Basin

Chagrin River - 502400 - EWH[a]
S.R. 84, RM 5.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cd-T	(1/11)	05/10	8[f]	1.2	18
Fe-T	(4/5)	08/24	4000	1000	43.1
		04/05	230000		1.3
		05/10	1050		18
		06/14	1020		60.6
Pb-T	(3/12)	11/09	32	30	36.2
		01/19	55		5.3
		05/10	34		18
Phenolics	(6/12)	10/31	5[f]	1	60.6
		11/09	2[f]		36.2
		12/22	81		9.8
		01/19	3[f]		5.3
		03/08	10[f]		3.3
		04/05	6[f]		1.3
Zn-T	(1/6)	11/09	40[f]	30	36.2

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates EWH and/or PWS Standards, but does not violate WWH Standards.

Table RD 2-11: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Chagrin River Basin

Chagrin River - 502400 - EWH[a]
S.R. 84, RM 5.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cd-T	(1/7)	09/19	13	1.2	29.1
Fe-T	(2/7)	08/10	5200	1000	36.2
		09/19	7800		29.1
Fecal Coli-T-MF	(3/11)	08/10	4600	2000	36.2
		09/19	4600		29.1
		02/22	2600		
Pb-T	(1/6)	09/19	130	30	29.1
Phenolics	(6/11)	09/19	2[f]	1	29.1
		11/15	6[f]		60.6
		01/31	3[f]		3.3
		02/22	17		3.3
		05/24	4[f]		52.1
		06/13	2[f]		43.1
Zn-T	(2/3)	01/31	130[f]	30	3.3
		05/24	60[f]		52.1

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates EWH and/or PWS Standards, but does not violate WWH Standards.

Table RD 2-12: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Chagrin River Basin
Cuyahoga - (Chagrin)[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Cu-T	(1/1)	07/07	Chagrin River at Old Mill Rd., Gates Mills (17.7)	340	5 EWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-13: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)
Conneaut Creek Basin

Conneaut Creek - 502870 - CWH[a]
Keefus Rd., RM 5.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(2/9)	04/18	40[f]	5	50.7
		05/23	30[f]		28.4
Fe-T	(3/9)	07/07	19500	1000	73.4
		11/12	1120		5.3
		03/22	14400		0.7
Phenolics	(2/12)	12/21	7[f]	1	8.3
		02/21	10[f]		50.7
Zn-T	(1/3)	07/07	90	30	73.4

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates CWH Standards, but does not violate WWH Standards.

Table RD 2-14: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Conneaut Creek Basin

Conneaut Creek - 502870 - CWH[a]
Keefus Rd., RM 5.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/7)	09/21	1020	1000	68.8
		03/29	4200		0.3
Phenolics	(4/12)	03/29	2[f]	1.0	0.3
		04/12	5[f]		1.7
		05/29	6[f]		0.7
		06/06	3[f]		35.6
Zn-T	(1/4)	05/29	530	40	0.7

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates CWH Standards, but does not violate WWH Standards.

Table RD 2-15: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Conneaut Creek Basin
Ashtabula - (Conneaut - Grand)[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/2)	07/07	Smokey Run at Mouth (0.1)	7700	1000 WWH	
Zn-T	(2/2)	07/07 09/01		110 100	55 WWH	
Fe-T	(2/2)	07/07 09/01	Conneaut Creek at Mouth (1.8)	15400 1540	1000 CWH	
Zn-T	(1/2)	07/07		60	30 CWH	
Pb-T	(1/1)	07/07	Conneaut Creek at S. Ridge Road (13.3)	32	30 CWH	
Zn-T	(1/1)	07/07		40	30 CWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-16: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Cuyahoga River - 50220 - WWH[a]
Trunkline Bridge, RM 37.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(40/246)	(Range: 0.4 - 4.9)[f]		5/4	
Fecal Coli-T-MF	(164/247)	(Range: 2100 - 730000)[f]		2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Data collected and analyzed by the Akron WWTP, WQ Management Section. This data is available at the OEPA, NEDO.

Table RD 2-17: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cuyahoga River Basin
Cuyahoga River - 502200 - WWH[a]
Trunkline Bridge, RM 37.9[b]

Parameter	(V/N)[c,d]	Date (T)[e]	Sample Conc.	OEPA WQS Limit	% Flow Duration[f]
D.O. (Field)	(1/246)	06/22(1000)	4.9	5/4	
Fecal Coli-T-MF	(199/247)	07/01/78 - 06/30/79[g] range: 2100 - 300000		2000	
Pb-T	(4/43)	07/14	158	30	
		04/12	52		
		05/25	62		
		06/21	34		

(a) Station name - STORET code - Beneficial use designation
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Data available at the Northeast District Office of the Ohio EPA.
(e) Time oxygen sample was taken.
(f) Based upon daily average USGS data.
(g) Data collected and analyzed by the Akron Wastewater Treatment Plant, Wastewater Quality Management Section.

Table RD 2-18: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Cuyahoga River - 50219 - WWH[a]
Ira Rd., RM 35.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(35/244)	(Range: 2.5 - 4.9)[f]		5/4	
Fecal Coli-T-MF	(166/248)	(Range: 2100 - 800000)[f]		2000	
Pb-T	(5/34)	04/19	56	30	
		03/15	98		
		12/15	52		
		12/20	41		
		11/10	31		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Data collected and analyzed by the Akron WWTP, WQ Management Section. This data is available at the OEPA, NEDO.

Table RD 2-19: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cuyahoga River Basin
Cuyahoga River - 502190 - WWH[a]
Ira Rd., RM 35.5[b]

Parameter	(V/N)[c, d]	Date (T)[e]	Sample Conc.	OEPA WQS Limit	% Flow Duration[f]
D.O. (Field)	(1/244)	09/13(1000)	4.8	5/4	
Fecal Coli-T-MF	(185/246)	07/01/78 - 06/30/79[g] range: 2100 - 1,100,000[g]		2000	
NH_3-N-T	(7/51)	07/18	3.27	2.8	
		08/02	1.8	1.7	
		08/18	2.52	2.5	
		09/06	7.33	4.4	
		09/14	5.08	1.8	
		09/22	3.12	1.7	
		09/25	3.68	3.4	
Pb-T	(3/47)	07/14	156	30	
		04/12	75		
		05/25	55		

(a) Station name - STORET code - Beneficial use designation
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Data available at the Northeast District Office of the Ohio EPA.
(e) Time oxygen sample was taken.
(f) Based upon daily average USGS data.
(g) Data collected and analyzed by the Akron Wastewater Treatment Plant, Wastewater Quality Management Section.

Table RD 2-20: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Cuyahoga River - 502020 - WWH[a]
Independence, RM 21.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(3/3)	07/21	3500	2000	43
		08/03	2300		59
		09/29	2400		48
Phenolics	(1/3)	07/21	13	10	43

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-21: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cuyahoga River Basin
Cuyahoga River - 502020 - WWH[a]
Independence, RM 21.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cd-T	(1/6)	11/16	14	12	60
CN-T	(1/7)	05/10	30	25	54
Cu-T	(2/6)	01/10	30	25	47
		03/28	30	25	24
Fe-T	(5/6)	10/18	1340	1000	-
		01/10	1680		47
		03/28	1960		24
		11/11	3100		8
		06/06	1940		38
Fecal Coli-T-MF	(3/3)	03/28	6300	2000	24
		04/11	20000		8
		06/06	59000		38
Pb-T	(1/6)	11/16	35	30	60
Phenolics	(5/7)	10/18	19	10	-
		11/16	22		60
		03/28	14		24
		05/10	16		54
		06/06	12		38
Temp. (Field)	(1/7)	05/10	21.5	20.6	54

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-22: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Cuyahoga River - 502130 - LCR[a]
Lower Harvard Ave., RM 7.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(3/3)	07/21	2690	1000	
		08/03	1970		
		09/29	1120		
Fecal Coli-T-MF	(1/3)	07/21	6500	6500	
NH_3-N-T	(2/3)	07/21	2.38[f]	1.3	
		08/03	3.43[f]	1.7	
Phenolics	(1/3)	07/21	14	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates WWH Standards, but does not violate LCR Standards.

Table RD 2-23: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cuyahoga River Basin
Cuyahoga River - 502130 - LCR[a]
Lower Harvard Ave., RM 7.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(1/7)	05/10	90	25	
Fe-T	(6/7)	10/18	1880	1000	
		11/16	5600		
		01/10	2100		
		03/28	2120		
		04/11	3100		
		06/06	1670		
Fecal Coli-T-MF	(4/4)	11/16	6800	2000	
		03/28	6000		
		04/11	6500		
		06/06	24000		
O & G-T	(1/1)	11/16	1340	5	
Pb-T	(2/7)	10/18	130	30	
		11/16	31		
Phenolics	(3/7)	11/16	50	10	
		01/10	17		
		03/28	19		
Zn-T	(2/7)	10/18	600	130	
		11/16	330	205	

(a) Station name - STORET code - Beneficial use designation LCR (Lower Cuyahoga River Standards).
(b) Station Located and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-24: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Cuyahoga River - 50214 - LCR[a]
West 3rd St., RM 3.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(3/3)	07/21	0.07	0.025	
		08/03	0.07		
		09/29	0.12		
D.O. (Field)	(3/3)	07/21(0915)	1.8[f]	0.0	
		08/03(0900)	0.3[f]		
		09/29(1130)	3.4[f]		
Fecal Coli-T-MF	(3/3)	07/21	5400	2000	
		08/03	23000		
		09/29	5800		
Fe-T	(1/3)	07/21	1510	1000	
NH_3-N-T	(3/3)	07/21	2.68[f]	2.0	
		08/03	5.28	1.8	
		09/29	6.93[f]	3.0	
Phenolics	(3/3)	07/21	12	10	
		08/03	33		
		09/29	12		
Temp(Field)	(1/3)	07/21	30.0[f]	29.4	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates WWH Standards, but does not violate LCR Standards.

Table RD 2-25: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cuyahoga River Basin
Cuyahoga River - 502140 - LCR[a]
West 34d St., RM 3.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(1/1)	10/18	0.14	0.025	
D.O. (Field)	(1/2)	08/28(1040)	0.2[f]	5/4	
Fe-T	(2/2)	08/28 10/18	1330 1010	1000	
Pb-T	(1/2)	08/28	40	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-26: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Big Creek - 502120 - WWH[a]
Jennings Ave., RM 0.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/3)	04/20	80	15	
Fe-T	(2/2)	02/16	2970	1000	
		04/20	17600		
Fecal Coli-T-MF	(3/3)	09/29	11000	2000	
		02/16	27000		
		04/20	180000		
MBAS	(1/3)	02/16	0.72	0.50	
O & G-T	(1/1)	02/16	6.0	5.0	
Pb-T	(1/3)	04/20	84	30	
Phenolics	(2/3)	09/29	15	10	
		02/16	22		
Zn-T	(2/3)	02/16	510	235	
		04/20	340	70	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-27: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cuyahoga River Basin
Big Creek - 502120 - WWH[a]
Jennings Ave., RM 0.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cd-T	(1/3)	03/28	24	12	
Fe-T	(2/3)	11/16	4300	1000	
		03/28	1120		
Fecal Coli-T-MF	(3/3)	11/16	60000	2000	
		03/28	45000		
		06/25	68000		
MBAS	(1/2)	11/16	1.26	0.5	
Pb-T	(3/3)	11/16	35	30	
		03/28	40		
		06/25	44		
Phenolics	(2/3)	11/16	23	10	
		03/28	188		
Zn-T	(1/3)	11/16	830	130	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-28: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Little Cuyahoga River - 502080 - WWH[a]
Below Ohio Canal, RM 2.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(2/5)	02/16	60	50	
		04/20	90	20	
D.O. (Field)	(1/5)	08/03(1020)	4.8	5/4	
Fe-T	(3/4)	08/03	1430	1000	
		09/29	4800		
		04/20	2040		
Fecal Coli-T-MF	(5/5)	07/21	870000	2000	
		08/03	2100000		
		09/29	610000		
		02/16	45000		
		04/20	11000		
MBAS	(3/5)	07/21	1.82	0.50	
		08/03	0.74		
		09/29	0.76		
NH_3-N-T	(3/5)	07/21	3.49	3.30	
		08/03	3.51	1.90	
		09/29	3.83	0.20	
Pb-T	(2/4)	09/29	46	30	
		02/16	50		
pH (Field)	(1/5)	09/29	9.2	6.5-9.0	
Phenolics	(3/_)	07/21	180	10	
		08/03	109		
		09/29	14		
TDS	(2/5)	07/21	1580	1500	
		08/03	1620		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-29: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cuyahoga River Basin
Little Cuyahoga River - 502080 - WWH[a]
Below Ohio Canal, RM 2.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(3/3)	11/16	63000	2000	
		03/28	16000		
		06/25	76000		
Pb-T	(2/3)	11/16	90	30	
		06/25	34		
Phenolics	(1/3)	03/28	14	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-30: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Mill Creek - 502110 - WWH[a]
Canal Rd., RM 0.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/3)	04/20	70	15	
Fe-T	(3/3)	09/29	5300	1000	
		02/16	7000		
		04/20	47000		
Fecal Coli-T-MF	(1/2)	02/16	43000	2000	
Hg-T	(1/3)	02/16	0.9	0.2	
MBAS	(1/3)	02/16	1.65	0.50	
Pb-T	(1/3)	04/20	46	30	
Phenolics	(1/3)	09/29	13	10	
TDS	(1/3)	02/16	1850	1500	
Zn-T	(3/3)	09/29	290	175	
		02/16	530	365	
		04/20	190	70	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-31: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cuyahoga River Basin
Mill Creek - 502110 - WWH[a]
Canal Rd., RM 0.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(3/3)	11/07	4100	1000	
		03/28	5100		
		06/25	4000		
Fecal Coli-T-MF	(2/2)	03/28	41000	2000	
		06/25	8900		
MBAS	(1/2)	11/07	0.6	0.5	
NH_3-N-T	(1/3)	11/07	8.62	5.0	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-32: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Tinkers Creek - 04207100 - WWH[a]
Twinsburg at S.R. 91, RM 15.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/27)	08/03	160	145	
D.O. (Field)	(1/27)	07/07(1400)	4.2	5/4	
Fe-T	(20/27)	07/07	1400	1000	
		07/20	2300		
		08/03	2600		
		08/15	2800		
		09/13	2300		
		09/27	2200		
		10/11	1600		
		10/25	1100		
		11/08	2000		
		11/22	1400		
		12/21	1500		
		01/05	1200		
		02/22	1100		
		03/08	29000		
		04/04	2000		
		05/17	1800		
		05/31	1700		
		06/13	2500		
		06/28	1900		
Fecal Coli-T-MF	(3/27)	07/20	12000	2000	
		09/13	2500		
		11/08	6800		

(Continued on next page)

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-32: (Continued)

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
O & G-T	(3/24)	07/20	6.0	5.0	
		01/25	62.0		
		02/10	6.0		
Pb-T	(3/27)	08/30	33	30	
		03/08	32		
		05/02	51		
Phenolics	(2/27)	04/04	58	10	
		05/31	22		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-33: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Cuyahoga River Basin
Tinkers Creek 04207100 - WWH[a]
Twinsburg at S.R. Rt. 91, RM 15.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(15/24)	07/12	1600	1000	
		07/25	2200		
		08/07	2200		
		09/06	2400		
		09/19	2600		
		10/03	1400		
		11/14	1100		
		01/31	7000		
		02/20	1900		
		03/07	1200		
		04/03	1800		
		05/16	1100		
		05/30	1300		
		06/14	2600		
		06/26	1700		
Pb-T	(2/24)	01/31	120	30	
		06/14	140		
Phenolics	(1/24)	03/19	15	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-34: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Tinkers Creek - 502220 - WWH[a]
At Bedford, RM 5.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(2/3)	07/21	7000	2000	
		08/03	2200		
Phenolics	(2/3)	07/21	20	10	
		08/03	12		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-35: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cuyahoga River Basin
Tinkers Creek - 502220 - WWH[a]
At Bedford, RM 5.5[b]

Parameter	(V/N)[c]	DAte (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow DurAtion[e]
Fe-T	(1/2)	12/14	1180	1000	
Fecal Coli-T-MF	(2/2)	08/28 12/14	3000 5000	2000	
Pb-T	(12/14)	08/28	120	30	
Phenolics	(1/2)	12/14	13	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-36: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Cuyahoga River Basin
Tinkers Creek - 04207300 - WWH[a]
Near Independence at Canal Rd., RM 0.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cr-T	(2/27)	09/13	330	100	
		05/02	220		
Fe-T	(15/27)	07/20	6000	1000	
		08/15	5800		
		08/30	2500		
		09/13	1300		
		10/11	1800		
		11/08	1500		
		11/22	1400		
		12/13	2500		
		12/21	1800		
		01/06	1300		
		01/25	2200		
		03/08	2400		
		03/22	4700		
		04/04	3500		
		05/17	5200		
Fecal Coli-T-MF	(14/27)	07/20	10000	2000	
		08/15	4200		
		08/30	5000		
		09/13	32000		
		09/27	2400		
		11/08	3500		
		12/13	2300		
		12/12	4400		
		01/06	6800		
		01/25	5500		
		03/08	7000		
		04/04	10000		
		05/31	8600		
		06/13	2900		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-36: (Continued)

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
NH_3-N-T	(2/27)	08/03	1.3	0.9	
		05/02	1.3	0.5	
Pb-T	(7/27)	09/13	65	30	
		12/13	75		
		12/21	37		
		01/06	62		
		01/25	90		
		03/08	170		
		05/17	87		
Phenolics	(4/27)	12/13	12	10	
		01/06	180		
		01/25	44		
		04/04	79		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-37: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cuyahoga River Basin
Tinkers Creek 04207300 - WWH[a]
Near Independence at Canal Rd., RM 0.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(09/24)	07/25	4200	2000	
		08/21	2200		
		09/19	8000		
		11/28	7000		
		12/13	3300		
		01/31	20000		
		02/07	4000		
		02/21	5900		
		03/20	12000		
		06/14	18000		
Fe-T	(8/23)	11/28	1600	1000	
		12/13	1300		
		01/31	1200		
		02/21	1000		
		03/07	2500		
		04/04	2700		
		04/17	1600		
		05/30	3700		
O & G-T	(1/24)	05/16	41	5	
Pb-T	(3/24)	12/13	38	30	
		04/17	87		
		06/14	98		
Phenolics	(3/24)	12/13	11	10	
		02/07	13		
		02/21	20		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-38: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)
Euclid Creek Basin

Euclid Creek - 504250 - WWH[a]
At St. Clair Ave., RM 1.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/9)	05/10	50	15	100
Fe-T	(4/4)	03/08	1140	1000	99.7
		04/05	3700		12.1
		05/10	26000		100
		06/14	3140		85.8
Fecal Coli-T-MF	(3/9)	11/09	3400	2000	85.8
		01/19	5200		
		04/05	10000		12.1
Pb-T	(2/8)	01/19	75	30	
		05/10	44		100
Zn-T	(1/6)	05/10	180	70	100

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-39: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Euclid Creek Basin

Euclid Creek - 504250 - WWH[a]
At St. Clair Ave., RM 1.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(11/11)	07/26	2490	1000	99.7
		08/10	1870		35.3
		09/19	2130		62.2
		10/12	4500		99.7
		11/15	4600		100
		12/19	4300		100
		01/31	5000		4.1
		03/22	4900		100
		04/17	4300		45.2
		05/24	4500		9.0
		06/13	3100		100
Fecal Coli-T-MF	(9/11)	07/26	2100	2000	99.7
		08/10	3000		35.3
		09/19	11000		62.2
		10/12	4400		99.7
		11/15	2900		100
		12/19	8000		100
		01/31	5200		4.1
		04/17	3700		45.2
		05/24	26000		9.0
NH_3-N-T	(1/12)	08/10	3.58	1.00	35.3
Pb-T	(2/11)	02/22	160	30	4.1
		03/22	44		100
Phenolics	(2/12)	01/31	15	10	4.1
		02/22	16		4.1
Zn-T	(1/8)	05/24	350	115	9.0

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-40: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)
Grand River Basin

Grand River - 502530 - WWH[a]
At S.R. 84, RM 8.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/11)	05/10	40	20	31.0
Fe-T	(1/4)	04/05	6550	1000	2.3
Fecal Coli-T-MF	(2/11)	08/24	7800	2000	35.3
		09/28	2300		24.2
Pb-T	(1/12)	09/28	35	30	24.2
pH	(1/6)	06/14	6.4	6.5-9.0	
Phenolics	(2/12)	12/22	32	10	10.2
		03/08	11		31.6

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-41: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Grand River Basin

Grand River - 502530 - WWH[a]
At S.R. 84, RM 8.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(3/6)	08/10	1410	1000	
		09/19	1770		86.1
		04/17	1450		16.8
Pb-T	(1/6)	01/31	80	30	13.6

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-42: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)
Grand River Basin

Grand River - 502520 - WWH[a]
At S.R. 535, RM 2.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/11)	07/13(0830)	4.3	5/4	68.5
Fe-T	(2/2)	03/08	1350	1000	31.6
		06/14	1410		87.2
Fecal Coli-T-MF	(5/11)	07/13	71500	2000	68.5
		10/19	5600		61.8
		11/09	3200		42.1
		02/08	4500		14.5
		06/14	4200		87.2
Phenolics	(6/9)	07/13	19	10	68.5
		10/19	13		61.8
		01/12	29		0.6
		02/08	12		14.5
		03/08	46		31.6
		06/14	12		87.2
TDS	(1/8)	07/13	1540	1500	68.5

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-43: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Grand River Basin

Grand River - 502520 - WWH[a]
At S.R. 535, RM 2.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/4)	08/10	1390	1000	
Fecal Coli-T-MF	(3/10)	07/26	3400	2000	100.0
		08/10	3800		
		06/13	2200		43.0
Phenolics	(3/12)	08/10	19	10	
		02/22	18		43.0
		05/24	14		69.3
TDS	(4/10)	07/26	1783	1500	100.0
		08/10	2568		
		02/22	1624		
		05/24	1546		69.3

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-44: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)
Grand River Basin

Grand River - 502520 - WWH[a]
S.R. 535, RM 2.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/4)	08/10	1390	1000	
Fecal Coli-T-MF	(3/10)	07/26	3400	2000	100.0
		08/10	3800		
		06/13	2200		43.0
Phenolics	(3/12)	08/10	19	10	
		02/22	18		43.0
		05/24	14		69.3
TDS	(4/10)	07/26	1783	1500	100.0
		08/10	2568		
		02/22	1624		
		05/24	1546		69.3

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-45: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Upper Great Miami River Basin
Great Miami River - 600000 - WWH[a]
At Lakeview, RM 156.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	06/15	1360	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-46: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Upper Great Miami River Basin
Great Miami River - 600000 - WWH[a]
At Lakeview, RM 156.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/11)	09/12(1115)	4.8	5/4	
Fecal Coli-T-MF	(1/11)	09/12	TNTC	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-47: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Great Miami River Basin[b]
Great Miami River

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
NH_3-N-T	(1/1)	8/3	Great Miami R. (123.4)	1.85	1.2 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-48: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin and Lower Mad River Basin
Great Miami River - 600090 - WWH[a]
Below Piqua, RM 110.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	07/19(0850)	4.5	5/4	
Fecal Coli-T-MF	(1/4)	09/20	4700	2000	
NH_3-N-T	(1/5)	07/19	0.85	0.20	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-49: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin and Lower Mad River Basin
Great Miami River - 600090 - WWH[a]
Below Piqua, RM 110.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	08/10	1710	1000	
Fecal Coli-T-MF	(1/1)	08/10	TNTC	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-50: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin and Lower Mad River Basin
Great Miami River - 610050 - WWH[a]
Near Vandalia, RM 90.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	06/12	1890	1000	29.6
Fecal Coli-T-MF	(2/9)	05/15	5200	2000	41.4
		06/12	2500		29.6

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-51: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
Great Miami River - 610060 WWH[a]
At Dayton, RM 82.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(3/5)	07/19(0805)	4.1	5/4	
		08/11(0830)	3.0		
		09/20(0820)	4.6		
Fecal Coli-T-MF	(4/7)	09/20	4300	2000	
		03/23	3900		
		05/04	2600		
		06/15	2400		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-52: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
Great Miami River - 610060 - WWH[a]
At Dayton, RM 80.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(2/9)	10/12	TNTC	2000	78.3
		06/07	5300		18.1
Phenolics	(1/3)	06/07	16	10	18.1

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-53: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
Great Miami River - 600150 - WWH[a]
At Miamisburg, RM 66.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CU-T	(1/3)	03/21	50	30	1.1
D.O. (Field)	(1/8)	07/21(0815)	1.0	5/4	90.4
Fe-T	(2/2)	03/21	1490	1000	1.1
		06/15	1140		40.7
Fecal Coli-T-MF	(9/9)	07/21	9200	2000	90.4
		10/31	18000		66.1
		12/07	14000		24.9
		01/05	260000		39.9
		02/22	13000		51.3
		03/21	9600		1.1
		04/05	18000		15.4
		05/02	22000		23.9
		06/15	28000		40.7
Phenolics	(2/4)	12/07	30	10	24.9
		01/05	11		39.9

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-54: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
Great Miami River - 600150 - WWH[a]
At Miamisburg, RM 66.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(2/13)	09/12(1320)	4.6	5/4	66.8
		09/13(0815)	2.1		66.8
Fe-T	(1/2)	03/06	4500	1000	0.4
Fecal Coli-T-MF	(7/12)	07/06	11000	2000	30.7
		08/03	57000		8.9
		09/12	24000		66.8
		12/21	TNTC		36.7
		04/12	TNTC		4.6
		05/23	17000		54.2
		06/07	26000		21.8
NH_3-N-T	(2/12)	09/12	3.70	1.70	66.8
		05/23	1.54	1.30	54.2
Pb-T	(3/4)	09/12	60	30	66.8
		12/21	36		36.7
		06/07	36		21.8

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-55: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Great Miami River Basin[b]
Great Miami River

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-t	(1/1)	6/19	Great Miami R. (42.4)	1190	1000 WWH	
Pb-T	(1/1)	6/19		40	30 WWH	
Phenolics	(1/1)	6/19		11	10 WWH	
Phenolics	(1/1)	6/19	Great Miami R. (36.2)	19	WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-56: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
Great Miami River - 600270 - WWH[a]
At Hamilton, RM 34.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(1/5)	01/05	40	25	40.1
CU-T	(2/4)	12/07	110	85	18.3
		03/21	50	25	1.2
Fe-T	(2/2)	03/21	2800	1000	1.2
Fecal Coli-T-MF	(6/10)	09/14	2700	2000	68.1
		12/07	13000		18.3
		01/05	4700		40.1
		03/21	13000		1.2
		04/05	6600		13.9
		06/15	3600		38.7
NH_3-N-T	(1/11)	07/21	0.83	0.70	92.5
Pb-T	(2/4)	09/14	32	30	68.1
		12/07	44		18.3
Phenolics	(4/5)	09/14	11	10	68.1
		12/07	38		18.3
		01/05	15		40.1
		06/15	30		38.7

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-57: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
Great Miami River - 600270 - WWH[a]
At Hamilton, RM 34.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/2)	09/12	1600	1000	65.0
		03/06	5100		0.8
Fecal Coli-T-MF	(3/11)	07/06	5700	2000	16.2
		08/03	30000		23.7
		12/21	TNTC		24.4
Phenolics	(1/4)	03/06	15	10	0.8

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-58: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
Great Miami River - 600030 - WWH[a]
At New Baltimore, RM 20.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(1/2)	01/05	30	25	
D.O. (Field)	(2/12)	07/12(1100)	4.7	5/4	
		08/09(1130)	4.9		
Fe-T	(2/6)	08/09	3700	1000	
		04/10	2500		
Fecal Coli-T-MF	(4/12)	08/09	12000	2000	
		09/20	6500		
		02/15	3400		
		04/10	11000		
Pb-T	(2/3)	11/15	46	30	
		12/07	33		
Phenolics	(2/2)	12/07	25	10	
		01/05	16		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-59: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
Great Miami River - 600030 - WWH[a]
At New Baltimore, RM 20.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(3/4)	07/05	4000	1000	
		01/03	9000		
		04/11	1100		
Fecal Coli-T-MF	(7/12)	07/05	5400	2000	
		08/01	2400		
		11/07	3500		
		12/06	16000		
		01/03	22000		
		03/14	4800		
		04/11	6200		
Pb-T	(4/4)	07/05	100	30	
		10/02	55		
		01/03	41		
		04/11	35		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-60: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
Great Miami River - 600300 - WWH[a]
Near Lawrenceburg, RM 5.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/2)	03/21	1610	1000	
		06/15	1140		
Fecal Coli-T-MF	(5/9)	12/07	12000	2000	
		01/05	2600		
		03/21	2600		
		04/05	8200		
		06/15	2100		
Phenolics	(2/4)	12/07	31	10	
		01/05	12		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-61: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
Great Miami River - 600300 - WWH[a]
Near Lawrenceburg, RM 5.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(3/10)	11/20	30	25	
		01/09	70		
		02/06	30		
Cu-T	(1/10)	03/06	64	30	
Fe-T	(7/10)	10/18	1450	1000	
		11/20	1200		
		12/06	7000		
		03/06	4000		
		04/09	8000		
		05/02	1350		
		06/13	2400		
Fecal Coli-T-MF	(2/8)	11/20	2200	2000	
		12/06	14000		
Pb-T	(4/10)	12/06	60	30	
		01/09	40		
		03/06	70		
		06/13	40		
Phenolics	(1/10)	11/20	17	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-62: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
(Upper Mad River Subbasin)
Mad River - 610090 - CWH[a]
At Eagle City, RM 28.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Pb-T	(1/4)	09/12	31	30	75.8

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-63: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin and Lower Mad River Subbasin
Mad River - 610010 - WWH[a]
Below Springfield, RM 24.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	08/10	1020	1000	
Fecal Coli-T-MF	(1/1)	08/10	TNTC	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-64: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin and Lower Mad River Subbasin
Mad River - 600190 - WWH[a]
Near Dayton, RM 5.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/2)	06/12	2220	1000	9.74
Fecal Coli-T-MF	(2/11)	12/12	TNTC	2000	14.9
		06/12	11000		9.74
Pb-T	(1/4)	09/12	36	30	45.3

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-65: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin and Lower Mad River Subbasin
Buck Creek - 600350 - WWH[a]
At Springfield, RM 0.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(2/3)	08/11	2900	2000	
		11/15	7200		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-66: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin and Lower Mad River Subbasin
Buck Creek - 600350 - WWH[a]
At Springfield, RM 0.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(2/4)	09/13	16000	2000	
		10/25	TNTC		
Pb-T	(1/4)	10/25	31	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-67: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
Dicks Creek - 600250 - WWH[a]
Near Excello, RM 2.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cd-T	(1/3)	06/15	16	12	
CN-T	(4/5)	09/14	30	25	
		12/07	60		
		01/05	40		
		03/21	30		
Fe-T	(1/2)	03/21	1840	1000	
Fecal Coli-T-MF	(2/10)	09/14	7800	2000	
		02/22	5700		
NH_3-N-T	(2/11)	01/05	6.80	4.30	
		05/02	3.17	2.40	
Pb-T	(2/4)	09/14	78	30	
		12/07	40		
Phenolics	(4/5)	09/14	29	10	
		12/07	53		
		01/05	16		
		03/21	60		
Zn-T	(2/4)	12/07	580	365	
		06/15	11750	365	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-68: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
Dicks Creek - 600250 - WWH[a]
Near Excello, RM 2.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(4/5)	09/12	50	25	
		12/21	50		
		03/06	50		
		06/07	30		
Fecal Coli-T-MF	(4/12)	07/06	4500	2000	
		08/03	13000		
		09/12	TNTC		
		06/07	TNTC		
NH_3-N-T	(3/12)	08/03	27.00	3.20	
		09/12	24.00	3.00	
		05/23	1.57	1.10	
Phenolics	(3/4)	07/18	138	10	
		09/12	12		
		03/06	24		
Zn-T	(3/5)	07/18	9300	235	
		09/12	630	365	
		03/06	530	365	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-69: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
(Four Mile Creek Subbasin)
Four Mile Creek - 600260 - WWH[a]
At New Miami, RM 0.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/2)	03/21	150	25	
Fecal Coli-T-MF	(4/6)	03/16	2700	2000	
		11/15	11000		
		09/29	5000		
		07/28	12000		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-70: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
(Four Mile Creek Subbasin)
Four Mile Creek - 600260 - WWH[a]
At New Miami, RM 0.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/4)	09/12	3900	2000	
Pb-T	(1/4)	09/12	152	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-71: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
(Four Mile Creek Subbasin)
Seven Mile Creek - 600340 - EWH[a]
Near Seven Mile, RM 1.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/5)	03/16	2300[f]	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates both Exceptional Warmwater Habitat Standards and Warmwater Habitat Standards.

Table RD 2-72: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
Indian Creek - 600280 - EWH[a]
Near Ross, RM 1.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]

No violations of Ohio WQS

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-73: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
Indian Creek - 600280 - EWH[a]
Near Ross, RM 1.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Pb-T	(1/4)	09/12	44	33	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-74: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Upper Great Miami River Basin
Loramie Creek - 600320 - WWH[a]
Near Lockington, RM 1.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	06/13	1290	1000	43.3
pH (Field)	(1/2)	11/15	9.4	9.0	64.36

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-75: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Upper Great Miami River Basin
Loramie Creek - 600320 - WWH[a]
Near Lockington, RM 1.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	09/13	1080	1000	83.7
Pb-T	(1/4)	09/13	80	30	83.7

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-76: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Great Miami River Basin[b]
Loramie Creek

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
NH_3-N-T	(1/1)	8/3	Loramie Creek (20.2)	6.6	1.7 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-77: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
(Stillwater River Subbasin)
Stillwater River - 600020 - WWH[a]
Near Covington, RM 32.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	06/13	1340	1000	
Fecal Coli-T-MF	(1/5)	06/13	8900	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-78: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
(Stillwater River Subbasin)
Stillwater River - 600020 - WWH[a]
Near Covington, RM 32.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Pb-T	(1/1)	09/13	42	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-79: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
(Stillwater River Subbasin)
Stillwater River - 600110 - WWH[a]
At Englewood, RM 8.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	06/12	1130	1000	23.37
Fecal Coli-T-MF	(2/9)	05/15	2200	2000	11.3
		06/12	2800		23.37

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-80: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
(Stillwater River Subbasin)
Greenville Creek - 600060 - WWH[a]
Near Covington, RM 1.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	06/13	1320	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-81: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
(Stillwater River Subbasin)
Greenville Creek - 600060 - WWH[a]
Near Covington, RM 1.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Pb-T	(2/4)	09/13	48	30	
		04/12	32		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-82: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
(Twin Creek Subbasin)
Twin Creek - 600180 - EWH[a]
Near Franklin, RM 0.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/4)	03/16	40	5	
Fecal Coli-T-MF	(1/4)	07/21	4200	2000	
Pb-T	(1/4)	03/16	33	30	
Phenolics	(1/4)	03/16	5[f]	1	
Zn-T	(1/4)	03/16	40[f]	30	

(a) Station name - STORET code - Beneficial use designation LCR (Lower Cuyahoga River Standards).
(b) Station Located and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates EWH Standards but not Warmwater Habitat Standards.

Table RD 2-83: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
(Twin Creek Subbasin)
Twin Creek - 600180 - EWH[a]
Near Franklin, RM 0.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/4)	04/17	1920	1000	
Pb-T	(1/4)	09/12	80	30	
Phenolics	(2/4)	10/25 01/02	9[f] 10[f]	1	
Zn-T	(1/4)	10/25	40[f]	30	

(a) Station name - STORET code - Beneficial use designation LCR (Lower Cuyahoga River Standards).
(b) Station Located and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates EWH Standards but not Warmwater Habitat Standards.

Table RD 2-84: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Great Miami River Basin
(Twin Creek Subbasin[b])
Twin Creek

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Cu-T	(1/1)	5/23	Twin Creek (5.8)	30	5 EWH	
Cu-T	(1/1)	5/23	Twin Creek (23.0)	90	85 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-85: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Great Miami River Basin
Whitewater River - 600290 - WWH[a]
At Suspension Bridge Road, RM 1.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
NH_3-N-T	(1/4)	9/12	1.4	1.1	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-86: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Great Miami River Basin
Whitewater River - 600290 - WWH[a]
At Suspension Bridge Road, RM 1.5[b]

Parameter % Flow	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	Duration[e]

No Violations Ohio WQS

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-87: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Hocking River Basin
Hocking River Near Enterprise - 601530 - WWH[a]
At Bridge on Co. Rd. in Enterprise,
4.0 Miles Downstream from Buck Run, RM - 72.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/2)	05/31	30	25	
Fe-T	(3/3)	08/04	3400	1000	
		03/29	4050		
		05/31	20000		
Hg-T	(1/2)	05/31	0.7	0.5	
Zn-T	(1/3)	05/31	120	115	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-88: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Hocking River Basin
Hocking River Near Enterprise - 601530 - WWH[a]
At Bridge on Co. Rd. in Enterprise,
4.0 Miles Downstream from Buck Run, RM - 72.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(3/4)	08/31	2320	1000	
		11/01	1040		
		02/28	5600		
Hg-T	(1/5)	11/01	1.6	0.5	
Pb-T	(1/4)	08/31	70.0	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-89: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Hocking River Basin
Hocking River below Athens - _____ - WWH[a]
Stimson St. Bridge, RM - 39.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
pH-T Field	(1/5)	10/18	6.2	6.5-9.5	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-90: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Hocking River Basin
Hocking River below Athens - 03159510 - WWH[a]
Harminoy Lane, RM - 26.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/7)	06/07(1100)	2.9	5/4	
Fe-T	(2/2)	01/12 04/05	2300 7500	1000	
Pb-T	(1/2)	04/05	45	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-91: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Hocking River Basin
Hocking River below Athens - 03159510 - WWH[a]
Harminoy Lane, RM - 26.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(2/12)	07/12(1130)	3.3	5/4	
		08/08(1545)	1.0		
Fe-T	(6/6)	07/12	2900	1000	
		10/12	1300		
		01/16	2800		
		04/10	8700		
		05/22	2700		
		06/05	3000		
Pb-T	(2/4)	01/16	100	30	
		04/10	85		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-92: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Hocking River Basin
Four Mile Creek - EWH[a]
Near Coolville, RM 1.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(1/4)	05/23	100	25	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-93: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Huron River Basin
Huron River - 501050 - EWH[a]
Milan at Mudbrook Rd., RM 11.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(5/10)	07/13	3500	2000	17
		08/03	5000		70
		12/09	1970		6
		02/15	1770		27.6
		04/20	4200		2
NH_3-N-T	(1/12)	07/13	1.16	0.75	17
Phenolics	(2/3)	08/03	2	1	70
		02/15	11		27.6
Zn-T	(1/5)	02/15	110	30	27.6

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-94: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Huron River Basin
Huron River - 501050 - EWH[a]
Milan at Mudbrook Rd., RM 11.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/9)	09/21	5.5	6.0	90
Fe-T	(1/1)	06/12	3400	1000	
Fecal Coli-T-MF	(2/10)	08/31	TNTC	2000	71.2
		09/21	4900		90
NH_3-N-T	(1/10)	09/21	0.72	0.6	90
Phenolics	(4/4)	08/31	5	1	71.2
		03/15	2		
		04/19	2		
		06/12	9		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-95: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Huron River Basin
East Branch Huron River - 501070 - WWH[a]
Schaeffer Rd., RM 1.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/3)	07/13	3200	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-96: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Huron River Basin
Rattlesnake Creek - 501080 - WWH[a]
Lais Rd., RM 1.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(2/2)	02/06	80	60	
Zn-T	(1/2)	02/06	220	205	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-97: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Huron River Basin
Rattlesnake Creek - 501080 - WWH[a]
Lais Rd., RM 1.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(1/1)	06/25	70	25	
Fecal Coli-T-MF	(2/4)	07/25	2100	2000	
		11/02	2700		
MBAS	(1/1)	06/25	0.90	0.50	
Pb-T	(2/4)	07/25	48	30	
		12/07	31		
Zn-T	(1/4)	07/25	160	150	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-98: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Lake Erie Tributary
Turkey Creek - 504260 - CWH[a]
Lake Rd., RM 0.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/3)	03/22	2160	1000	
Phenolics	(1/2)	03/22	4[f]	1	
Zn-T	(1/2)	09/01	60[f]	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates CWH Standards, but does not violate WWH Standards.

Table RD 2-99: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Lake Erie Tributary
Turkey Creek - 504260 - CWH[a]
Lake Rd., RM 0.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cd-T	(1/3)	10/08	6[f]	1.2	
Fe-T	(1/3)	01/09	1460	1000	
Phenolics	(2/3)	10/08 04/26	4[f] 4[f]	1	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates CWH Standards, but does not violate WWH Standards.

Table RD 2-100: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
Little Beaver Creek - 602000 - WWH[a]
Near East Liverpool, RM 4.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/5)	03/15	10000	1000	0.2
		06/20	10100		14.1
Fecal Coli-T-MF	(2/8)	03/15	16000	2000	0.2
		06/20	4100		14.1
Phenolics	(1/10)	12/21	73	10	10.5

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-101: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Beaver Creek Basin
Little Beaver Creek - 602000 - WWH[a]
Near East Liverpool, RM 4.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/3)	02/28	3100	1000	3.5
Pb-T	(2/5)	09/13	35	30	65.3
		12/18	84		29.1

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-102: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
Middle Fork Little Beaver Creek - 602120 - WWH[a]
At Allen Rd., RM 52.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	07/06(0745)	2.1	5/4	
Fecal Coli-T-MF	(2/2)	07/06	4100 6000	2000	
Fe-T	(1/2)	07/06	10400	1000	
Phenolics	(1/2)	07/06	12	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-103: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Beaver Creek Basin
Middle Fork Little Beaver Creek - 602120 - WWH[a]
At Allen Rd., RM 52.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	08/24(0845)	1.6	5/4	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-104: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
Middle Fork of Little Beaver Creek - 602100 - WWH[a]
At Hutton Rd. RM 27.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(2/2)	03/29	9700	2000	
		06/22	5700		

(a) Station name - STORET code - Beneficial use designation.
(b) Station number on Ohio WQS map (RM)
(c) Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-105: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Little Beaver Creek Basin
Middle Fork[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(1/1)	06/20	Cherry Valley Run downstream Washingtonville WWTP	3300	2000 WWH	
Fecal Coli-T-MF	(1/1)	06/20	Cherry Valley Run upstream Washingtonville WWTP	3700	2000 WWH	
Fe-T	(1/1)	08/30	Middle Fork at Rt. 14	1850	1000 WWH	
DDT	(1/1)	04/19	Nease Chemical Tributary	1.5	0.001 WWH	
Fe-T	(4/4)	07/06 08/30 03/29 04/19		5700 4600 18500 1100	1000 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-105: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
MBAS	(4/4)	07/06	Nease Chemical Tributary	1.19	0.5 WWH	
		08/30		0.80		
		03/29		1.07		
		04/19		1.17		
Phenolics	(2/4)	07/06		24	10 WWH	
		08/30		12		

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-106: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Little Beaver Creek Basin
Middle Fork[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Phenolics	(1/1)	02/21	Middle Fork at Rt 45	14	10 WWH	
pH (Field)	(1/2)	11/20	Nease Chemical Tributary	5.2	6.5-9.0 WWH	
Phenolics	(2/3)	11/20 02/21		13 19	10 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-107: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
North Fork Little Beaver - 602020 - CWH[a]
At S.R. 154 - RM 7.0[b]

Parameter	(V/N)[c]	Date (T)[d] Conc.	Sample Limit	OEPA WQS Duration[e]	% Flow
Fe-T	(2/7)	07/14(10:50)	1830	1000	
		07/14(14:50)	1960		
Phenolics	(3/4)	07/14	8	1	
		02/08	7		
		02/21	19		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-108: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Beaver Creek Basin
North Fork Little Beaver - 602020 - CWH[a]
At S.R. 154 - RM 7.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Phenolics	(2/2)	09/06	3	1	
		09/13	8		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-109: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
North Fork Little Beaver Creek - 612010 - CWH[a]
At Fredericktown, RM 0.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Phenolics	(2/4)	10/26	7	1	
		01/25	9		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-110: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Beaver Creek Basin
North Fork Little Beaver Creek - 612010 - CWH[a]
At Fredericktown, RM 0.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Pb-T	(2/4)	10/26	31	30	
		01/31	98		
Phenolics	(2/4)	01/31	4	1	
		05/16	3		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-111: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Little Beaver Creek Basin
North Fork[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
CN-T	(1/1)	11/22	East Branch Leslie Run at Main Street	30	1000 WWH	
Fe-T	(1/2)	08/02		1630	1000 WWH	
MBAS	(1/2)	11/22		5.6	0.5 WWH	
Zn-T	(1/1)	11/22		790	320 WWH	
CN-T	(2/2)	04/19	East Branch Leslie Run at Pleasant Drive	90	25 WWH	
		06/20		230		
O & G-T	(1/1)	06/20		24	5 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-112: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Little Beaver Creek Basin
North Fork[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
CN-T	(1/1)	08/03	East Branch Leslie Run at Pleasant Drive	80	25 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-113: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
West Fork Little Beaver Creek - 602070 - WWH[a]
At Steubenville Rd. RM 11.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(5/11)	02/14	2060	1000	
		05/15	1410		
		05/25	1980		
		06/01	1260		
		06/22	1380		
NH_3-N-T	(1/3)	06/22	1.78	1.5	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-114: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Beaver Creek Basin
West Fork Little Beaver Creek - 602070 - WWH[a]
At Steubenville Rd. RM 11.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/9)	08/29(0830)	3.7	5/4	
Fe-T	(2/9)	08/10	29500	1000	
		12/13	2020		
NH_3-N-T	(3/9)	07/20	6.7	2.8	
		09/21	5.83	2.2	
		11/16	5.26	3	
Phenolics	(2/9)	09/21	16	10	
		11/16	11		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-115: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
West Fork of Little Beaver Creek - 612000 - WWH[a]
Near Guilford, RM 6.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/1)	06/20	2400	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-116: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Beaver Creek Basin
West Fork of Little Beaver Creek - 612000 - WWH[a]
Near Guilford, RM 6.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Pb-T	(1/4)	11/20	41	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-117: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Little Beaver Creek Basin
West Fork[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
MBAS	(1/1)	06/06	Buckley Farm Tributary	2.01	0.5 WWH	
NH_3-N-T	(1/1)	06/06		21.2	13 WWH	
Ni-T	(1/1)	06/06		1800	435 WWH	
pH-T (field)	(1/1)	06/06		3.8	6 WWH	
TDS	(1/1)	06/06		7042	1500 WWH	
Zn-T	(1/1)	06/06		1350	365 WWH	
Fe-T	(1/13)	05/15	Chemline Run near Dam	1080	1000 WWH	
Phenolics	(1/2)	12/21	Rowley Run at Mouth	48	10 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-117: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Cu-T	(1/7)	05/11	West Fork Downstream Chemline Run	40	25 WWH	
Fe-T	(4/10)	05/15		1660	1000 WWH	
		05/25		1930		
		06/01		1300		
		06/22		1620		
NH_3-N-T	(2/10)	05/02		7.08	6.4 WWH	
		06/29		3.05	1.8 WWH	
Fe-T	(3/7)	05/15	West Fork at Rt. 164	1440	1000 WWH	
		05/25		1120		
		06/01		1170		
Fe-T	(3/10)	05/15	West Fork at Swing Bridge	1610	1000 WWH	
		05/25		1570		
		06/22		1420		
Fe-T	(1/3)	06/22	West Fork upstream Rowley Run	1530	1000 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-118: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Little Beaver Creek Basin
West Fork[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Cd-T		04/12	Buckley Farm Tributary	18	12 WWH	
		06/13		24		
Fe-T	(5/6)	01/24		1600	1000 WWH	
		02/21		1890		
		03/21		8500		
		04/12		3100		
		05/22		2620		
MBAS	(7/7)	07/06		3.52	0.5 WWH	
		01/24		0.99		
		02/21		1.88		
		03/21		2.12		
		04/12		2.01		
		05/22		2.82		
		06/13		1.4		

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-118: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
NH_3-N-T	(5/7)	07/06		49.6	13 WWH	
		03/21		35.6		
		04/12		31.5		
		05/22		41.0		
		06/13		33.2		
Ni-T	(5/6)	02/21		2400	435 WWH	
		03/21		3600		
		04/12		2500		
		05/22		3000		
		06/13		2400		
Pb-T	(1/1)	03/21		42	30 WWH	
pH-T	(5/5)	07/06		3.3	6 WWH	
		02/21		3.2		
		03/21		3.1		
		05/22		2.9		
		06/13		3.1		
TDS	(6/6)	07/06		6990	1500 WWH	
		02/21		5000		
		03/21		7042		
		04/12		5534		
		05/22		6678		
		06/13		6250		

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-118 : Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Zn-T	(6/6)	01/24		850	365 WWH	
		02/21		1980		
		03/21		2750		
		04/12		1950		
		05/22		2400		
		06/13		950		
Fe-T	(6/8)	08/10	Chemline Run near Dam	2700	1000 WWH	
		11/16		2750		
		11/29		3800		
		12/13		1250		
		12/27		3100		
		01/11		2570		
MBAS	(4/7)	07/20		0.73	0.5 WWH	
		11/16		1.06		
		11/29		1.23		
		02/27		0.54		
NH_3-N-T	(2/8)	09/21		9.54	0.2 WWH	
		11/16		8.80	6.8 WWH	
CN-T	(1/1)	06/13	Rowley Run at Mouth	50	25 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-118: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(2/6)	01/24 04/12		1160 1590	1000 WWH	
NH_3-N-T	(1/4)	03/21		6.13	1.3 WWH	
Fe-T	(2/8)	08/10 12/13	West Fork downstream Chemline Run	25500 1850	1000 WWH	
NH_3-N-T	(3/8)	07/20 09/21 11/16		7.65 6.54 8.07	1.8 WWH 1.8 3.1	
Fe-T	(1/9)	08/10	West Fork upstream Rowley Run	27000	1000 WWH	
Pb-T	(1/1)	08/29		52	30 WWH	
Fe-T	(1/9)	08/10	West Fork at Swing Bridge	28500	1000 WWH	
NH_3-N-T	(1/8)	09/21		4.49	2.00 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-119: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
Chemline Tributary - 602090 - WWH[a]
Near Lisbon, RM .03[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(11/19)	07/06	1400	1000	
		10/26	1190		
		11/22	1330		
		12/21	1520		
		01/13	21000		
		02/14	91000		
		03/15	46000		
		04/27	1850		
		05/15	2165		
		05/25	2830		
		06/01	1380		
		06/06	3600		
		06/15	1570		
MBAS	(20/20)	07/06	6	0.5	
		07/20	2.62		
		08/24	7.2		
		09/28	7.3		
		10/26	2.6		
		11/22	5.8		
		12/21	4.02		
		01/13	5.6		
		02/14	5.7		
		03/15	1.13		
		04/27	5.5		
		05/02	4.9		
		05/11	2.26		
		05/15	1.46		
		05/25	3.10		
		06/01	5.4		
		06/06	5.1		
		06/15	4.62		
		06/22	4.18		
		06/29	5.7		

(Continued on next page)

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-119: Continued

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
NH_3-N-T	(21/21)	07/06	51.2	13	
		07/20	20		
		08/24	91		
		09/28	141		
		10/26	14.8		
		11/22	75.4		
		12/21	84		
		01/03	115		
		01/25	90		
		02/14	134		
		03/15	22		
		04/27	125		
		05/02	130		
		05/11	43.8		
		05/15	26		
		05/25	63		
		06/01	100		
		06/06	119		
		06/15	167		
		06/22	95		
		06/29	135		
pH (Field)	(12/17)	08/24	9.6	6.5-9.0	
		09/28	10		
		11/22	9.7		
		12/21	9.4		
		01/03	9.6		
		04/27	9.2		
		05/02	9.2		
		05/25	9.2		
		06/06	9.7		
		06/15	9.45		
		06/22	10.6		
		06/29	9.2		

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(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-119: Continued

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Phenolics	(6/21)	07/20	36	10	
		08/24	142		
		09/28	112		
		10/26	37		
		12/21	229		
		01/03	16		
TDS	(18/19)	07/06	4240	1500	
		07/20	3280		
		08/24	7220		
		09/28	7800		
		10/26	2244		
		11/22	4210		
		12/21	3812		
		01/03	4680		
		02/14	5850		
		04/27	5850		
		05/02	7490		
		05/11	3220		
		05/15	2540		
		05/25	3790		
		06/01	5360		
		06/06	7790		
		06/15	6440		
		06/22	6900		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-120: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Beaver Creek Basin
Chemline Tributary - 602090 - WWH[a]
Near Lisbon, RM .03[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(5/6)	01/24	30	25	
		02/21	70		
		03/21	30		
		04/12	40		
		06/13	30		
Fe-T	(14/15)	08/10	1470	1000	
		08/29	4400		
		09/21	3600		
		11/16	4000		
		11/29	7200		
		12/13	36000		
		12/27	13400		
		01/11	9000		
		01/24	7900		
		02/21	7300		
		03/21	1850		
		04/12	2140		
		05/22	2630		
		06/13	1340		
NH_3-N-T	(14/15)	08/10	234	13	
		08/29	196		
		09/21	194		
		11/16	207		
		11/29	206		
		12/13	60		
		12/27	100		
		01/11	133		
		01/24	40.5		
		02/21	110		
		03/21	67		

(Continued on next page)

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-120: Continued

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
NH_3-N-T (Continued)		04/12	44		
		05/22	117		
		06/13	98		
MBAS	(15/15)	07/20	7	0.5	
		08/10	10.3		
		08/29	9.5		
		09/21	9.2		
		11/16	8.7		
		11/29	10.1		
		12/13	3.13		
		12/27	3.74		
		01/11	4.75		
		02/21	6.1		
		03/21	2.05		
		04/12	1.68		
		05/22	6.9		
		06/13	2.52		
Ni-T	(3/5)	01/24	500	435	
		05/22	700	435	
		06/13	700	435	
Pb-T	(3/6)	08/29	58	30	
		01/24	417		
		06/13	84		
pH (Field)	(6/14)	08/10	9.05	6.5-9.0	
		11/16	9.1		
		12/13	9.25		
		01/11	9.65		
		02/21	9.8		
		03/21	9.15		

(Continued on next page)

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-120: Continued

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Phenolics	(4/15)	07/20	17	10	
		11/16	14		
		11/29	11		
		05/22	388		
TDS	(14/14)	07/20	9790	1500	
		08/10	15600		
		09/21	14000		
		11/16	16000		
		11/29	14100		
		12/13	4430		
		12/27	7240		
		01/11	9130		
		01/24	3850		
		02/21	10426		
		03/21	5800		
		04/12	3914		
		05/22	10148		
		06/13	9154		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-121: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
East Branch of Stateline Creek - 602060 - WWH[a]
Near Negley, RM 0.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(10/12)	07/20	70500	1000	
		08/24	81000		
		09/28	2700		
		10/26	2480		
		11/22	2070		
		12/21	31500		
		01/25	1800		
		02/08	1850		
		03/15	2340		
		04/25	1030		
MBAS	(6/11)	07/20	0.78	0.5	
		08/24	0.88		
		09/28	0.7		
		10/26	0.83		
		11/22	0.59		
		12/21	0.61		
NH_3-N-T	(5/12)	08/24	13.9	13	
		09/28	18.9		
		10/26	19.0		
		05/23	8.6	5.2	
		06/20	9.41	2.1	
pH (Field)	(5/10)	07/20	5.9	6.5-9.0	
		08/24	5.9		
		09/28	6.4		
		01/25	6.4		
		02/08	6.3		

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(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-121: (Continued)

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Phenolics	(8/12)	07/20	100	10	
		08/24	452		
		09/28	40		
		11/22	49		
		12/21	148		
		01/25	29		
		02/08	13		
		06/20	17		
TDS	(11/12)	07/20	5360	1500	
		08/24	5750		
		09/28	3980		
		10/26	3750		
		11/22	3251		
		12/21	2974		
		01/25	2440		
		02/08	2703		
		04/25	2010		
		05/23	2070		
		06/20	2310		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-122: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Beaver Creek Basin
East Branch of Stateline Creek - 602060 - WWH[a]
Near Negley, RM 0.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(6/12)	08/03	1080	1000	
		09/13	1370		
		10/26	1170		
		11/20	1040		
		01/24	2360		
		02/21	1550		
NH_3-N-T	(7/12)	07/12	8.23	2.9	
		08/03	9.45	2.4	
		09/13	8.19	1.6	
		10/26	8.87	7.6	
		12/18	9.05	8.5	
		03/21	8.33	1.5	
		06/20	6.84	3.4	
Phenolics	(6/11)	09/13	14	10	
		10/26	11		
		01/24	14		
		04/12	18		
		05/16	44		
		06/20	53		
TDS	(12/12)	07/12	2410	1500	
		08/03	2800		
		09/13	3300		
		10/26	3010		
		11/20	2940		
		12/18	2300		
		01/24	2070		
		02/21	2900		
		03/21	2060		
		04/12	1868		
		05/16	2412		
		06/20	2758		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-123: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
Leslie Run - 602010 - CWH[a]
Near Negley, RM 0.12[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/2)	08/02	3100	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-124: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Little Beaver Creek Basin
West Branch of Stateline Creek - 602050 - WWH[a]
Near Negley, RM 0.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(9/11)	07/20	3130	1000	
		10/26	7700		
		11/22	9000		
		12/21	1520		
		01/25	2120		
		02/08	2450		
		03/15	1910		
		04/25	1740		
		06/20	3200		
Hg-T	(1/1)	05/23	0.6	0.5	
MBAS	(3/11)	10/26	1.03	0.50	
		02/08	0.64		
		04/25	0.53		
pH (Field)	(3/9)	08/24	6.4	6.5-9.0	
		10/26	6.2		
		02/08	6.3		
Phenolics	(8/11)	11/22	132	10	
		12/21	56		
		01/25	113		
		02/18	177		
		03/15	35		
		04/25	35		
		05/23	59		
		06/20	45		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-124: (Continued)

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
TDS	(8/12)	10/26	6140	1500	
		11/22	5380		
		12/21	2065		
		01/25	2155		
		02/08	3590		
		04/25	2270		
		05/23	2270		
		06/20	2340		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-125: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Beaver Creek Basin
West Branch of Stateline Creek - 602050 - WWH[a]
Near Negley, RM 0.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(4/12)	07/12	1120	1000	
		11/20	1320		
		01/24	1370		
		02/21	1110		
Pb-T	(2/3)	09/13	32	30	
		12/18	34		
Phenolics	(10/12)	07/12	95	10	
		08/03	117		
		09/13	105		
		10/26	149		
		11/20	36		
		12/18	71		
		01/24	42		
		02/21	65		
		04/12	19		
		06/20	39		
TDS	(11/12)	07/12	3480	1500	
		08/03	4030		
		09/13	3920		
		10/26	4130		
		11/20	2350		
		12/18	2560		
		01/24	1810		
		02/21	2560		
		04/12	1626		
		05/16	2306		
		06/20	3252		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-126: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Upper Little Miami River Basin
Little Miami River - 600570 - EWH[a]
Near Oldtown, RM 78.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/4)	06/06	50	5/4	41.6

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-127: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Upper Little Miami River Basin
Little Miami River - 600570 - EWH[a]
Near Oldtown, RM 78.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/4)	06/12	1990	1000	21.7
Fecal Coli-T-MF	(1/12)	09/07	TNTC	2000	67.8

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-128: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Upper Little Miami River Basin
Little Miami River - 610550 - WWH[a]
Near Bellbrook, RM 68.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/2)	03/21	6400	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-129: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Upper Little Miami River Basin
Little Miami River - 610550 - WWH[a]
Near Bellbrook, RM 68.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/4)	09/07	1850	1000	
		06/12	2030		
Fecal Coli-T-MF	(1/4)	06/12	2100	2000	
Pb-T	(1/4)	09/07	35	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-130: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Upper Little Miami River Basin
Little Miami River - 600600 - WWH[a]
Near Spring Valley, RM 59.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/4)	06/06	1160	1000	57.7
Fecal Coli-T-MF	(2/11)	03/21	7800	2000	0.7
		05/01	2700		30.1
Phenolics	(1/4)	12/08	45	10	29.8

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-131: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Upper Little Miami River Basin
Little Miami River - 600600 - WWH[a]
Near Spring Valley, RM 59.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/4)	09/07	2010	1000	98.3
		06/12	3400		38.5
Fecal Coli-T-MF	(2/12)	08/03	4300	2000	23.1
		12/07	TNTC		30.0

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-132: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Lower Little Miami River Basin
Little Miami River - 610520 - WWH[a]
Near Morrow, RM 35.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/11)	03/21	2600	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-133: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Lower Little Miami River Basin
Little Miami River - 610520 - WWH[a]
Near Morrow, RM 35.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/4)	09/07	1300	1000	
		06/12	4000		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-134: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Lower Little Miami River Basin
Little Miami River - 600520 - WWH[a]
At Milford, RM 12.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/4)	07/12	1200	1000	66.8
Fecal Coli-T-MF	(4/12)	11/16	7900	2000	71.3
		12/12	6300		30.1
		01/04	3000		60.2
		03/07	3300		96.1
Hg-T	(1/4)	07/12	4.6	0.5	66.8
pH (Field)	(1/12)	08/03	6.2	6.5-9.0	75.7

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-135: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Lower Little Miami River Basin
Little Miami River - 600520 - WWH[a]
At Milford, RM 12.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/4)	07/05	3900	1000	36.5
		04/03	5900		10.0
Hg-T	(1/4)	01/09	0.6	0.5	8.2
Pb-T	(2/4)	07/05	110	30	36.5
		01/09	100		8.2

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-136: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

East Fork Little Miami River Basin
East Fork Little Miami River - 600590 - WWH[a]
Near Milford, RM 3.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(2/5)	07/07	2600	2000	
		10/18	2400		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-137: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

East Fork Little Miami River Basin
East Fork Little Miami River - 610530 - WWH[a]
Near South Milford, RM 0.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/5)	03/21	3200	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-138: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

East Fork Little Miami River Basin
East Fork Little Miami River - 610530 - WWH[a]
Near South Milford, RM 0.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/4)	09/07	2300	1000	
		06/12	1730		
Fecal Coli-T-MF	(1/12)	09/07	TNTC	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-139: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Upper Little Miami River Basin
Beaver Creek - 600510 - WWH[a]
Near Alpha, RM 0.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(2/4)	07/07(0800)	3.5	5/4	
		09/07(0935)	4.6	5/4	
Fecal Coli-T-MF	(1/8)	11/16	2800	2000	
Hg-T	(1/4)	09/07	5.0	0.5	
MBAS	(1/4)	12/08	0.58	0.5	
NH_3-N-T	(3/8)	06/06	4.27	1.7	
		09/07	6.15	2.1	
		10/18	5.76	2.9	
Phenolics	(1/4)	12/08	52	10	
Zn-T	(1/4)	12/08	130	115	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-140: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Upper Little Miami River Basin
Beaver Creek - 600510 - WWH[a]
Near Alpha, RM 0.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/4)	06/12	1390	1000	
Fecal Coli-T-MF	(3/4)	12/07	TNTC	2000	
		03/08	TNTC		
		06/12	4000		
NH_3-N-T	(2/4)	06/12	3.39	2.0	
		09/07	9.8	5.4	
Phenolics	(1/4)	09/07	11	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-141: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Upper Little Miami River Basin
Little Beaver Creek - 600630 - WWH[a]
Near Alpha, RM 0.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/6)	07/12(0745)	3.0	5/4	
NH_3-N-T	(2/6)	07/12	8.56	8.1	
		10/08	5.42	2.9	
Pb-T	(1/1)	12/08	38	30	
pH-T (Field)	(1/6)	08/03	5.0	6.5	
Phenolics	(1/1)	12/08	50	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-142: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Miami River Basin
(Caesar Creek Subbasin)
Caesar Creek - 600550 - WWH[a]
Near Oregonia, RM 0.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/12)	08/03	2600	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-143: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Little Miami River Basin
(Todd Fork Subbasin
Todd Fork - 600530 - EWH[a]
At Morrow, RM 0.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Zn-T	(1/2)	07/27	40[f]	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.
(f) Violates Exceptional Warmwater Habitat Standards but not Warmwater Habitat Standards.

Table RD 2-144: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Little Miami River Basin
(Todd Fork Subbasin)[b]
Todd Fork near Headwaters

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(1/1)	8/15	Todd Fork (32.9)	4000	2000 EWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-145: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Mahoning River Basin
Mahoning River - 602320 - WWH[a]
At Alliance, RM 85.97[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/2)	08/18	2.9	5/4	
Fe-T	(3/3)	07/20	1750	1000	
		08/18	1220		
		09/21	2330		
Fecal Coli-T-MF	(3/3)	07/20	15000	2000	
		08/18	28000		
		09/21	8000		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-146: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Mahoning River Basin
Mahoning River - 602280 - WWH[a]
At Leavittsburg, RM 43.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(2/7)	10/26	36000	25	
		11/17	40		4.7
Fe-T	(3/9)	11/17	13800	1000	4.7
		04/05	2040		2.0
		05/10	1685		11.1
Fecal Coli-T-MF	(3/8)	11/17	4800	2000	4.7
		04/05	2100		2.0
		05/10	2300		11.1
Phenolics	(2/10)	11/17	68	10	4.7
		03/09	11		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-147: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Mahoning River Basin
Mahoning River - 602280 - WWH[a]
At Leavittsburg, RM 43.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/6)	01/02	3200	1000	65.3
		04/04	3000		8.0
Fecal Coli-T-MF	(1/10)	04/04	2100	2000	8.0
Pb-T	(2/6)	10/27	84	50	22.5
		01/02	56		65.3
Phenolics	(1/9)	04/04	18	10	8.0

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-148: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Mahoning River Basin
Mahoning River - 602400 - WWH[a]
At Warren, RM 37.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/5)	09/21	2200	1000	
		06/14	1200	1000	
pH (Field)	(1/4)	06/14	6.3	6.5-9.0	
Phenolics	(1/5)	03/09	11	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-149: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Mahoning River Basin
Mahoning River - 602400 - WWH[a]
At Warren, RM 37.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/4)	12/07	1060	1000	
		06/19	2940		
Hg-T	(1/2)	09/20	1.6	0.5	
Pb-T	(3/4)	12/07	120	50	
		02/01	88		
		06/09	104		
Phenolics	(1/2)	02/01	13	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-150: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Mahoning River Basin
Mahoning River - 602290 - WWH[a]
At Niles, RM 33.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cn-T	(2/3)	07/20	30	25	
		05/10	40		
Cu-T	(2/5)	02/02	50	20	
		05/10	40	20	
Fe-T	(4/4)	07/20	2230	1000	
		08/18	2160		
		09/21	3700		
		05/10	3090		
Fecal Coli-T-MF	(4/4)	07/20	2300	2000	
		08/18	11000		
		09/21	22000		
		05/10	15000		
Phenolics	(2/4)	07/20	16	10	
		02/02	57		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-151: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Mahoning River Basin
Mahoning River - 602290 - WWH[a]
At Niles, RM 33.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cn-T	(3/4)	08/09	32	25	
		10/27	80		
		05/09	31		
Fe-T	(4/4)	08/09	2930	1000	
		10/27	2940		
		01/02	6300		
		05/09	2700		
Fecal Coli-T-MF	(2/3)	08/09	7500	2000	
		05/09	50000		
Pb-T	(2/4)	10/27	64	50	
		01/02	60		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-154: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Mahoning River Basin
Mahoning River - 602320 - WWH[a]
At Struthers, RM 14.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(1/1)	07/20	120	25	
D.O. (Field)	(1/1)	07/20	3.9	5/4	
Fe-T	(1/1)	07/20	1590	1000	
Fecal Coli-T-MF	(1/1)	07/20	18000	2000	
Phenolics	(1/1)	07/20	96	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-155: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Maumee River - 500140 - WWH[a]
S.R. 49, RM 100.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/12)	04/25	40	30	10
D.O. (Field)	(3/12)	07/06(1225)	4.6	5/4	42
		07/20(1200)	3.0		62
		08/10(1200)	4.6		65
Fecal Coli-T-MF	(3/11)	09/22	3500	2000	29
		12/21	TNTC		0.6
		02/08	2275		56
Hg-T	(1/12)	05/31	0.9	0.2	38
PCB	(1/5)	11/08	0.5	0.001	65
Phenolics	(1/9)	12/21	38	10	0.6

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-153: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Mahoning River Basin
Mahoning River - 602300 - WWH[a]
At Lowellville, RM 16.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(9/10)	07/26	660	25	74.9
		08/09	30		36.7
		10/27	40		14.7
		11/15	90		64.5
		12/07	130		20.9
		02/01	90		43.6
		03/07	40		8.5
		04/04	30		2.2
		05/09	80		20.9
Cu-T	(1/4)	01/02	40	20	1
D.O. (Field)	(1/11)	07/26(0950)	3.7	5/4	74.9
Fe-T	(11/11)	07/26	1370	1000	74.9
		08/09	1790		36.7
		09/20	1770		97
		10/27	3100		14.7
		11/15	2500		64.5
		12/07	4700		20.9
		01/02	20000		1
		02/01	5000		43.6
		03/07	2970		8.5
		04/04	6600		2.2
		05/09	1360		20.9

(Continued on next page)

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD-2-153: Continued

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(9/9)	07/26	57000	2000	74.9
		08/09	20000		36.7
		11/15	11000		64.5
		12/07	12000		20.9
		01/02	5000		1
		02/01	8100		43.6
		03/07	15000		8.5
		04/04	7700		2.2
		05/09	9000		20.9
Phenolics	(8/10)	10/27	22	10	14.7
		11/15	23		64.5
		12/07	110		20.9
		01/02	27		1
		02/01	91		43.6
		03/07	20		8.5
		04/04	14		2.2
		05/09	14		20.9
Pb-T	(5/6)	10/27	480	50	14.7
		01/02	144		1
		03/07	104		8.5
		12/07	36		
		04/04	44		
Zn-T	(1/4)	01/02	470	200	1

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-152: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Mahoning River Basin
Mahoning River - 602300 - WWH[a]
At Lowellville, RM 16.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(6/8)	07/20	60	25	31.4
		08/18	80		64.5
		09/21	40		24.8
		01/03	160		-
		03/09	230		74.9
		06/14	80		31.4
Cu-T	(1/9)	05/10	70	20	3.3
D.O. (Field)	(1/9)	07/20(0815)	3.9	5/4	31.4
Fe-T	(8/8)	07/20	1250	1000	31.4
		08/18	1910		64.5
		09/21	3000		24.8
		11/17	1900		4.4
		03/09	2470		74.9
		04/05	4080		1
		05/10	4900		3.3
		06/14	1600		31.4
Fecal Coli-T-MF	(7/7)	07/20	18000	2000	31.4
		08/18	46000		64.5
		09/21	21000		24.8
		03/09	33000		74.9
		04/05	24000		1
		05/10	22000		3.3
		06/14	12000		31.4
MBAS	(1/9)	03/09	0.88	0.5	74.9

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD-2-152: Continued

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Phenolics	(06/10)	07/20	12	10	31.4
		01/03	168		-
		02/02	172		16.9
		03/09	52		74.9
		04/05	21		1
		05/10	24		3.3
Zn-T	(1/9)	02/02	210	200	16.9

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-156: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Maumee River - 500140 - WWH[a]
S.R. 49, RM 100.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/11)	12/06	4300	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-157: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Maumee River - 500180 - WWH[a]
Water Plant Intake, RM 65.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/3)	08/10	40	30	
D.O. (Field)	(1/3)	08/10(1250)	4.7	5/4	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-158: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Maumee River - 500180 - WWH[a]
Water Plant Intake, RM 65.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	08/01	1530	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-159: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Maumee River - 510210 - WWH[a]
Co. Rd. 18 at Florida, RM 54.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
NH_3-N-T	(1/3)	07/20	0.40	0.20	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-160: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Maumee River - 510210 - WWH[a]
Co. Rd. 18 at Florida, RM 54.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	08/01(1130)	4.7	5/4	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-161: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Maumee River - 500080 - WWH[a]
S.R. 64, RM 20.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
pH (Lab)	(1/6)	07/20	9.1	9.0	70

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-162: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Maumee River - 500080 - WWH[a]
S.R. 64, RM 20.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(3/4)	07/11	2500	1000	37
		01/10	2500		
		04/03	6700		
Hg-T	(3/4)	07/11	0.5	0.2	37
		10/11	0.5		
		01/10	0.5		
Pb-T	(4/4)	07/11	140	30	37
		10/11	99		
		01/10	120		
		04/03	32		
pH (Field)	(2/12)	08/01	9.3	9.0	80
		11/07	9.1		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-163: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Auglaize River - 510240 - WWH[a]
Water St. in Wapakoneta, RM 74.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF		06/14	5500	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-164: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Auglaize River - 510240 - WWH[a]
Water St. above Wapakoneta, RM 74.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/3)	09/14(0926)	0.9	5/4	
Fecal Coli-T-MF	(3/3)	09/14	TNTC	2000	
		12/12	7600		
		06/14	3800		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-165: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Auglaize River - 510250 - WWH[a]
Glynwood Rd. below Wapakoneta, RM 70.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/2)	06/04	3500	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-166: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Auglaize River - 510250 - WWH[a]
Glynwood Rd. below Wapakoneta, RM 70.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(3/3)	09/14	TNTC	2000	
		12/12	4300		
		06/14	TNTC		
Hg-T	(1/4)	09/14	0.5	0.2	
Ni-T	(1/3)	12/12	500	435	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-167: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Auglaize River - 500070 - WWH[a]
S.R. 224, RM 39.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	07/31	3050	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-168: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Auglaize River - 500110 - WWH[a]
S.R. 114, RM 28.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	07/31	1530	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-169: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Auglaize River - 500290 - WWH[a]
Harding Rd., RM 4.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Hg-T	(1/11)	05/31	0.6	0.2	42
MBAS	(1/4)	11/08	0.9	0.50	62
Pb-T	(1/11)	01/19	32	30	46

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-170: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Auglaize River - 500130 - WWH[a]
S.R. 613, RM 19.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	08/01(1017)	4.8	5/4	
Fe-T	(1/1)	08/01	1140	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-171: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Blanchard River - 500040 - WWH[a]
Co. Rd. 140, RM 53.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/12)	11/08(1400)	4.8	5/4	57
Fecal Coli-T-MF	(6/12)	11/08	TNTC	2000	57
		12/21	TNTC		5.7
		01/19	2500		48
		02/08	5000		33
		03/07	6400		57
		04/25	9600		12
Phenolics	(1/1)	10/19	15	10	47

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-172: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Blanchard River - 500040 - WWH[a]
Co. Rd. 140, RM 53.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(5/12)	12/06	TNTC	2000	
		01/31	TNTC		
		02/21	TNTC		
		04/11	5700		
NH_3-N-T	(3/12)	08/23	8.20	6.0	69
		09/20	7.25		69
		10/25	9.9	6.3	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-173: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Blanchard River - 500090 - WWH[a]
Co. Rd. 21-14, RM 2.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	07/31	3800	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-174: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Little Auglaize River - 510200 - WWH[a]
Below Melrose at S.R. 613, RM 2.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
pH (Lab)	(1/3)	09/29	9.2	9.0	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-175: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Litle Auglaize River - 510200 - WWH[a]
Below Melrose at S.R. 613, RM 2.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	08/01	1670	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-176: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Ottawa River - 500270 - WWH[a]
Thayer Rd., RM 45.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/4)	08/01(1030)	4.4	5/4	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-177: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Ottawa River - 500270 - WWH[a]
Thayer Rd., RM 45.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	07/31	1130	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-178: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Ottawa River - 500050 - WWH[a]
S.R. 81, RM 28.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(7/10)	07/27	30	25	53
		10/19	50		42
		11/08	30		45.6
		12/21	50		8.7
		01/19	360		45.6
		02/22	240		45
		03/07	370		43
D.O. (Field)	(1/12)	11/08(1235)	3.7	5/4	45.6
MBAS	(5/12)	07/27	0.91	0.50	53
		08/01	0.54		54.7
		01/19	0.69		45.6
		02/22	0.63		45
		03/07	0.79		43
NH_3-N-T	(4/13)	07/27	16.40	7.00	53
		08/01	8.74		54.7
		02/22	11.30		45
		03/07	14.10		43
PCB	(1/8)	10/19	5.6	0.001	42

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-179: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Ottawa River - 500050 - WWH[a]
S.R. 81, RM 28.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(3/14)	10/19	2000	2000	42
		12/21	6000		8.7
		04/25	2080		12.6
Hg-T	(1/13)	11/08	0.6	0.2	45.6
Phenolics	(8/13)	07/27	14	10	53
		08/31	11		45.6
		11/08	15		45.6
		12/21	51		8.7
		01/19	27		45.6
		02/22	43		45
		03/07	67		43

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-180: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Ottawa River - 500050 - WWH[a]
S.R. 81, RM 28.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN	(06/10)	01/31	90	25	
		02/21	30	25	
		05/17	50	25	
		06/06	30	25	
D.O.	(1/8)	11/07(1315)	3.8	5/4	
Fecal Coli-T-MF	(5/12)	09/20	3500	2000	50
		12/06	13000		
		01/31	3290		
		04/12	TNTC		
		06/06	4400		
MBAS	(3/11)	09/20	0.54	0.50	50
		10/25	0.56		
		06/06	0.54		
NH_3-N-T	(1/12)	02/21	13.40	7.0	
Phenolics	(1/9)	10/25	14	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-181: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
Ottawa River - 500150 - WWH[a]
Co. Rd. 19, RM 0.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
MBAS	(3/4)	07/27	0.52	0.50	
		08/01	0.73		
		08/31	0.73		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-182: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Ottawa River - 500150 - WWH[a]
Co. Rd. 19, RM 0.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	07/31	1070	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-183: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
St. Joseph River - 510780 - WWH[a]
S.R. 49 below Edgerton, RM 8.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(2/3)	07/19	2100	2000	
		08/09	TNTC		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-184: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
St. Joseph River - 510180 - WWH[a]
S.R. 49 below Edgerton, RM 8.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	08/03	1280	1000	
Fecal Coli-T-MF	(1/1)	08/03	2600	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-185: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
Tiffin River - 500160 - WWH[a]
West High St., RM 0.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	08/01	1970	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-186: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
St. Marys River - 510010 - WWH[a]
Aqueduct Rd. above St. Marys, RM 47.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/2)	06/14	3600	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-187: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
St. Marys River - 510010 - WWH[a]
Aqueduct Rd. above St. Marys, RM 47.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/3)	09/13(1148)	3.8	5/4	
Fecal Coli-T-MF	(1/3)	12/12	2400	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-188: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Maumee River Basin
St. Marys River - 510020 - WWH[a]
Glynwood Rd. below St. Marys, RM 43.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	02/07	1170	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-189: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
St. Marys River - 510020 - WWH[a]
Glynwood Rd. below St. Marys, RM 43.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/3)	09/13(1223)	4.8	5/4	
Fe-T		06/13	1580	1000	
Fecal Coli-T-MF	(2/3)	09/13 12/12	4200 2300	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-190: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Maumee River Basin
St. Marys River - 510170 - WWH[a]
S.R. 81 at Willshire, RM 1.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	08/03	4800	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-191: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Mill Creek Basin
Mill Creek - 600440 - WWH[a]
Near Hamilton, RM 24.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/2)	06/08	3500	1000	
Fecal Coli-T-MF	(4/8)	09/14	3600	2000	
		10/20	3200		
		11/29	4900		
		06/08	10000		
Pb-T	(1/4)	03/16	33	30	
pH (Field)	(1/2)	09/14	9.5	6.5-9.0	
Phenolics	(1/4)	12/20	41	10	
Zn-T	(1/3)	09/14	180	150	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-192: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Mill Creek Basin
Mill Creek - 600440 - WWH[a]
Near Hamilton, RM 24.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/3)	09/21	4400	1000	
Fecal Coli-T-MF	(2/12)	08/10 09/21	230000 22000	2000	
Phenolics	(1/4)	09/21	18	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-193: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Mill Creek Basin
Mill Creek - 600410 - WWH[a]
At Carthage, RM 11.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(2/4)	09/14(1030)	3.5	5/4	68.0
		10/20(0905)	2.6		69.8
Fecal Coli-T-MF	(4/4)	07/14	2300	2000	59.3
		08/17	200000		5.1
		09/14	230000		68.0
		10/20	TNTC		69.8
O & G-T	(1/1)	09/14	14.0	5.0	68.0

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-194: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Mill Creek Basin
Mill Creek - 600410 - WWH[a]
At Carthage, RM 11.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/2)	12/12	6200	1000	0.4
		03/06	1720		0.4
Fecal Coli-T-MF	(3/9)	04/12	TNTC	2000	0.4
		05/29	2400		27.8
		06/07	6800		45.6
NH_3-N-T	(1/9)	06/07	1.25	0.60	45.6
Phenolics	(3/3)	12/12	13	10	0.4
		03/06	17		0.4
		06/07	13		45.6

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-195: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Mill Creek Basin
Mill Creek - 600430 - WWH[a]
At Cincinnati, RM 0.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(2/4)	09/14	30	25	
		06/08	40		
Cr-T	(1/4)	06/08	210	100	
Cu-T	(2/4)	03/16	30	20	
		06/08	150	20	
D.O. (Field)	(3/8)	07/14(0830)	0.0	5/4	
		08/17(0835)	2.2		
		09/14(0930)	1.6		
Fecal Coli-T-MF	(9/10)	07/14	TNTC	2000	
		08/17	1000000		
		09/14	TNTC		
		10/20	160000		
		11/29	70000		
		12/20	40000		
		03/16	190000		
		05/02	950000		
		06/08	660000		
MBAS	(1/6)	07/14	1.21	0.5	
Pb-T	(3/4)	09/14	50	30	
		03/16	40		
		06/08	90		
pH (Field)	(1/12)	10/20	9.8	6.5-9.0	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-195: Continued

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Phenolics	(5/6)	07/14	78	10	
			12/20	48	
			03/16	105	
			04/11	174	
			05/02	34	
Zn-T		(1/4)	06/08	440	95

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-196: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Mill Creek Basin
Mill Creek - 600430 - WWH[a]
At Cincinnati, RM 0.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(2/4)	09/21	230	25	
		06/07	90		
Cr-T	(2/4)	09/21	170	100	
		06/07	130		
Cu-T	(2/4)	12/12	50	25	
		03/06	70	60	
D.O. (Field)	(9/12)	07/20(0835)	0.8	5/4	
		08/10(0845)	2.1		
		09/21(0845)	0.5		
		10/10(0855)	0.8		
		12/12(0900)	4.0		
		03/06(0845)	0.7		
		04/12(0855)	3.5		
		05/29(0915)	1.5		
		06/07(1330)	0.4		
Fe-T	(1/3)	12/12	5200	1000	
Fecal Coli-T-MF	(4/12)	08/10	145000	2000	
		09/21	2100000		
		05/29	85000		
		06/07	TNTC		
MBAS	(1/1)	12/12	1.38	0.5	
NH_3-N-T	(2/12)	11/16	7.17	4.5	
		06/07	9.06	6.0	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-196: Continued

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Pb-T		(3/3)	09/21	88	30
			12/12	112	
			03/06	76	
Phenolics	(4/4)	09/21	11	10	
			12/12	209	
			03/06	164	
			06/07	14	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-197: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Muskingum River Below Coshocton - 611740 - WWH[a]
S.R. 83 Bridge, RM - 108.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/3)	05/10	70.0	30	
Fe-T	(3/3)	07/14	2190	1000	
		03/02	1160		
		05/10	6100		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-198: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Muskingum River Below Coshocton - 611740 - WWH[a]
S.R. 83 Bridge, RM - 108.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/4)	11/02	1360	1000	
		05/08	1220		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-199: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River in Dresden - 611750 - WWH[a]
RM - 92.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(3/3)	07/15	3360	1000	
		03/02	1010		
		05/10	4500		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-200: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Muskingum River - 611750 - WWH[a]
S.R. 208 Bridge in Dresden at U.S.G.S. Gage, RM - 91.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/4)	11/02	1560	1000	
		05/08	1250	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-201: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Muskingum River - 601860 - WWH[a]
S.R. 37 Bridge at McConnellsville at U.S.G.S. Gage, RM - 48.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(4/5)	07/07	4000	1000	
		07/15	1280		
		01/11	4300		
		05/02	1600		
Pb-T	(1/4)	05/02	31	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-202: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Muskingum River - 601860 - WWH[a]
S.R. 37 Bridge at McConnellsville at U.S.G.S. Gage, RM - 48.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cd-T	(1/4)	01/03	14	12	
Fe-T	(3/4)	07/18	1100	1000	
		01/03	1100		
		04/11	5700		
Pb-T	(4/4)	07/18	44	30	
		10/03	53		
		01/03	130		
		04/11	65		
Hg-T	(1/4)	01/03	0.7	0.5	
Zn-T	(1/4)	04/11	140	115	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-203: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Chippewa Creek - 611810 - WWH[a]
At Easton, RM 6.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/2)	10/20	2960	1000	
		12/15	6600		
Fecal Coli-T-MF	(3/3)	10/20	4900	2000	
		03/22	4700		
		03/30	12000		
Phenolics	(2/5)	12/15	15	10	
		03/22	14		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-204: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Chippewa Creek - 611810 - WWH[a]
At Easton, RM 6.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/2)	08/23(6:40)	2.8	5/4	
Fe-T	(1/1)	08/23	1470	1000	
Fecal Coli-T-MF	(2/2)	08/23 06/27	38000 14000	2000	
NH_3-N-T	(1/2)	08/23	5.21	3.5	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-205: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Muskingum River Basin
Chippewa Creek[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(1/2)	05/24	Chippewa Creek at Main Street	40000	2000 WWH	
Fecal Coli-T-MF	(2/2)	03/22	Little Chippewa Creek at Main Street	4100	2000 WWH	
		05/24		6900		
Phenolics	(1/2)	03/22		38	10 WWH	
Fecal Coli-T-MF	(1/1)	05/24	River Styx at Mouth	25000	2000 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-206: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Muskingum River Basin
Chippewa Creek[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(1/5)	06/06(1255)	Little Chippewa Creek at Railroad Tracks	2.9	5/4 WWH	
Fecal Coli-T-MF	(2/2)	04/05		6000	2000 WWH	
		05/08		3900		
Phenolics	(4/5)	02/14		3450	10 WWH	
		03/20		102		
		04/05		1140		
		06/06		103		
Phenolics	(1/1)	02/14	Little Chippewa Creek at Rt. 57	1550	10 WWH	
Fe-T	(1/1)	04/05	Little Chippewa Creek at Rt. 585	3300	1000 WWH	
Fecal Coli-T-MF	(2/2)	04/05		8900	2000 WWH	
		05/08		120000		

(Continued on next page)

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-206: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
NH_3-N-T	(1/3)	05/08		3.36	0.43 WWH	
Fecal Coli-T-MF	(1/1)	04/05	Side Tributary at North Main	3700	2000 WWH	
Phenolics	(5/5)	02/14		1500	10 WWH	
		03/20		36500		
		04/05		1150		
		05/08		3280		
		06/06		396		

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-207: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Hurford Run Tributary to Nimishillen Creek - 611850 - WWH[a]
At Canton, RM 0.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(2/2)	01/12	30	25	
		04/12	90		
Cr-T	(2/3)	01/12	210	100	
		04/12	570		
Fe-T	(3/3)	08/17	3190	1000	
		01/12	4350		
		04/12	3600		
NH_3-N-T	(1/3)	04/12	7.6	1.9	
Pb-T	(1/3)	01/12	85	30	
Phenolics	(3/3)	08/17	14	10	
		01/12	16		
		04/12	16		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-208: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Hurford Run Tributary to Nimishillen Creek - 611850 - WWH[a]
At Canton, RM 0.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cr-T	(2/4)	07/19	530	100	
		01/09	110		
Fe-T	(4/4)	07/19	8600	1000	
		11/27	1426		
		01/09	2150		
		05/02	1320		
NH_3-N-T	(1/4)	01/09	7.52	6.3	
Pb-T	(3/4)	07/19	40	30	
		11/27	80		
		05/02	39		
Phenolics	(2/4)	11/27	11	10	
		05/02	12		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-209: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Jerome Fork - 611860 - WWH[a]
S.R. 42, RM 11.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/2)	06/21	2500	1000	
Fecal Coli-T-MF	(1/5)	06/21	7900	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-210: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Jerome Fork - 611870 - WWH[a]
Co. Rd. 1302 below Ashland, RM 10.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/4)	05/01	50	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-211: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Jerome Fork - 611870 - WWH[a]
Co. Rd. 1320 below Ashland, RM 10.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(3/4)	08/17	60	30	
		10/03	50	40	
		06/21	50	25	
Fe-T	(1/2)	06/21	17000	1000	
Fecal Coli-T-MF	(4/5)	08/17	TNTC	2000	
		10/03	TNTC		
		03/29	TNTC		
		06/21	TNTC		
Zn-T	(3/4)	08/17	2390	130	
		10/03	2050	150	
		03/29	230	175	
		06/21	410	115	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-212: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Killbuck Creek - 601880 - WWH[a]
Below Wooster, RM 45.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/1)	05/16	50	25	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-213: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Killbuck Creek below Wooster - 601880 - WWH[a]
West Side Penn Central R.R., 2.1 miles below
Confluence of Apple Creek, RM - 45.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/3)	08/23(0730)	3.9	5/4	
Fe-T	(3/3)	08/23	2750	1000	
		02/07	1070		
		04/17	1060		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-214: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Muskingum River Basin
Killbuck Creek[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Phenolics	(1/1)	02/15	Apple Creek at Mouth	10g	1 CWH	
Cu-T	(1/1)	05/16	Apple Creek at State Farm Road	50g	25 CWH	
Fecal Coli-T-MF	(1/1)	05/16		7100	2000 WWH	
Fe-T	(1/1)	03/22	Shreve Creek at Cemetery Road	2280	1000 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.
(g) Does not violate Warmwater Habitat Standards.

Table RD 2-215: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Kokosing River - 611880 - WWH[a]
S.R. 661 at Mt. Vernon WWTP, RM 23.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/3)	06/28	1820	1000	
Fecal Coli-T-MF	(1/3)	12/13	3700	2000	
Hg-T	(1/5)	06/28	1.2	0.2	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-216: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Kokosing River - 611890 - WWH[a]
Twp. Rd. 257 below Mt. Vernon WWTP, RM 21.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/3)	12/29	1090	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-217: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Kokosing River - 611890 - WWH[a]
Twp. Rd. 257 below Mt. Vernon WWTP, RM 21.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cr-T	(1/5)	10/30	420	100	
Fecal Coli-T-MF	(1/3)	12/13	3700	2000	
Hg-T	(1/5)	06/28	0.6	0.2	
Pb-T	(1/5)	03/28	44	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-218: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Licking River - 601770 - WWH[a]
Near Newark, RM 26.73[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(1/4)	08/05	60	25	
D.O. (Field)	(1/12)	08/05(1130)	4.9	5/4	
Fe-T	(1/1)	07/15	2580	1000	
Fecal Coli-T-MF	(2/10)	12/22	2400	2000	11.5
		06/22	3700		13.8
MBAS	(1/4)	09/08	0.64	0.50	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-219: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Licking River - 601770 - WWH[a]
Near Newark, RM 26.73[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/3)	12/14	1500	1000	14.0
Fecal Coli-T-MF	(1/10)	03/14	30000	2000	
NH_3-N-T	(1/11)	08/24	4.26	1.80	65.4
Phenolics	(1/11)	05/08	13	10	23.3

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-220: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Muskingum River Basin
(Moxahala Creek Subbasin)[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/1)	06/19	Moxahala Creek (23.4) at Moxahala	1630	1000 WWH	
pH	(1/1)	06/19		4.4	6.5-9.0 WWH	
Fe-T	(1/1)	06/19	Unnamed Tributary (0.2) From Reservoir	137000	1000 WWH	
pH	(1/1)	06/19		2.7	6.5-9.0 WWH	
Zn-T	(1/1)	06/19		1080	365 WWH	
Fe-T	(1/1)	06/19	Moxahala Creek (20.1) at Moores Junction	35500	1000 WWH	
pH	(1/1)	06/19		2.8	6.5-9.0 WWH	
Zn-T	(1/1)	06/19		490	365 WWH	

(Continued on next page)

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-220: (Continued)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/1)	06/19	Moxahala Creek (16.2) at Meluney	23500	1000 WWH	
pH	(1/1)	06/19		2.7	6.5-9.0 WWH	
Zn-T	(1/1)	06/19		510	365 WWH	
Fe-T	(1/1)	06/19	Moxahala Creek (13.8) at Crooksville	24500	1000 WWH	
pH	(1/1)	06/19		2.8	6.5-9.0 WWH	
Zn-T	(1/1)	06/19		410	365 WWH	
Fe-T	(1/1)	06/19	Moxahala Creek (0.2) at Mouth	1980	1000 WWH	
pH	(1/1)	06/19		5.0	6.5-9.0 WWH	
pH	(1/1)	06/19	Burley Run (0.1)	2.9	6.5-9.0 WWH	
pH	(1/1)	06/19	Riders Run (0.1)	2.8	6.5-9.0 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-221: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Nimishillen Creek - 601940 - WWH[a]
At North Industry, RM 8.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(4/9)	11/30	7400	1000	8.3
		01/12	1160		14.7
		05/24	18000		4.4
		06/21	2760		29.9
Fecal Coli-T-MF	(7/7)	07/28	7900	2000	45
		08/01	7200		
		10/25	3900		45
		03/01	12000		
		04/12	1900		1
		05/14	8500		4.4
		06/21	3800		29.9
O & G-T	(1/3)	11/30	10	5	8.3
Pb-T	(3/9)	11/30	140	30	8.3
		01/12	45		14.7
		03/01	34		
pH-T	(1/12)	09/08	6.3	6.5	
Phenolics	(1/12)	12/15	20	10	0.2

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-222: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Nimishillen Creek - 601940 - WWH[a]
At North Industry, RM 8.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(3/8)	12/11	3800	1000	
		03/05	2840		1.5
		04/05	4100		3.2
Fecal Coli-T-MF	(8/8)	08/02	10000	2000	
		11/27	4000		38.1
		01/09	17000		
		02/07	2300		38.1
		03/05	2900		1.5
		04/05	2900		3.2
		05/02	25000		24.2
		06/06	60000		29.9
Pb-T	(1/3)	04/05	64	30	3.2
Phenolics	(1/11)	06/06	396	10	29.9

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-223: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Muskingum River Basin
Nimishillen Creek[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Cr-T	(2/4)	07/28	East Branch Nimishillen at Beck Road	920	100 WWH	
		09/15		240		
Fecal Coli-T-MF	(2/3)	09/15		18000	2000 WWH	
		01/25		5100		
MBAS	(1/3)	07/28		0.62	0.5 WWH	
Ni-T	(4/4)	07/28		4000	435 WWH	
		09/15		440	340	
		10/25		700	385	
		11/03		1200	435	
Cr-T	(1/2)	09/15	East Branch Nimishillen at Mouth	130	100 WWH	
Fe-T	(5/5)	07/08		1360	1000 WWH	
		09/15		2200		
		10/25		1140		
		11/03		1280		
		12/01		1290		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-223: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(2/3)	09/15 10/25		20000 14000	2000 WWH	
Ni-T	(2/4)	07/28 11/03		900 800	435 WWH	
Fecal Coli-T-MF	(1/3)	09/15	East Branch Nimishillen at Rt. 44	2800	2000 WWH	
Cu-T	(1/2)	09/15	Nimishillen Creek before WWTP	3800	320 WWH	
Fecal Coli-T-MF	(3/3)	07/28 09/15 10/25		2400 1100 2300	2000 WWH	
Pb-T	(1/3)	09/15		62	30 WWH	
Phenolics	(1/4)	12/15		15	10 WWH	

(Continued on next page)

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-223: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/2)	09/15	Nimishillen Creek before West Branch	2200	1000 WWH	
Fecal Coli-T-MF	(2/4)	09/15 10/25		15000 2200	2000 WWH	
Fe-T	(1/1)	04/26	Sherrick Run at Moore Road	1940	1000 WWH	
Fe-T	(1/1)	04/26	Sherrick Run at Trump Street	5800	1000 WWH	
Fe-T	(1/1)	04/26	Sherick Run Tributary at Sherr Road.	6080	1000 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-224: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Muskingum River Basin
Nimishillen Creek[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Pb-T	(1/1)	05/08	East Branch Nimishillen at Mouth	37	30 WWH	
Phenolics	(1/1)	05/08		12	10 WWH	
Pb-T	(1/1)	05/17	Sherick Run Tributary at Sherr Road	48	30 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-225: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Rocky Fork - 611900 - WWH[a]
S. R. 39 below Mansfield WWTP, RM 12.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cr-T	(11/11)	07/08	730	100	
		07/11	1240		
		08/11	1750		
		10/05	2550		
		10/18	1680		
		11/01	2440		
		11/10	1000		
		12/12	910		
		02/28	1690		
		05/30	150		
		05/01	1500		
Cu-T	(11/11)	07/08	110	25	
		07/11	400	50	
		08/11	130	50	
		10/05	230	145	
		10/18	190	85	
		11/01	410	60	
		11/10	250	50	
		12/12	290	145	
		02/28	650	145	
		05/01	300	145	
		05/30	70	60	
Fe-T	(7/11)	07/08	7900	1000	
		07/11	2180		
		11/01	1110		
		11/10	3150		
		12/12	1250		
		02/28	1290		
		05/01	1260		

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(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-225: (Continued)

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(4/4)	12/12	2030	2000	
		02/28	6000		
		05/01	6000		
		05/10	TNTC		
Hg-T	(1/3)	08/11	0.5	0.2	
Ni-T	(11/11)	07/08	1000	215	
		07/11	1700	315	
		08/11	1600	315	
		10/05	1900	435	
		10/18	1300	385	
		11/01	1300	340	
		11/10	800	315	
		12/12	900	435	
		02/28	1300	435	
		05/01	1300	435	
		05/30	500	340	
Pb-T	(2/8)	07/11	40	30	
		11/10	41		
Zn-T	(3/11)	07/08	430	115	
		07/11	190	175	
		12/12	450	365	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-226: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Rocky Fork - 611900 - WWH[a]
S.R. 39 below Mansfield WWTP, RM 12.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cr-T	(4/4)	08/17	410	100	
		10/03	370		
		03/28	2600		
		06/20	1480		
Cu-T	(4/4)	08/17	3600	50	
		10/03	110	50	
		03/28	380	75	
		06/20	190	50	
D.O. (Field)	(1/3)	08/17(1100)	4.9	5/4	
Fecal Coli-T-MF	(2/3)	08/17	2300	2000	
		03/28	3400		
Ni-T	(3/3)	10/03	1000	315	
		03/28	1600	365	
		06/20	1400	365	
Pb-T	(1/4)	03/28	35	30	
Phenolics	(1/2)	06/20	12	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-227: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Rocky Fork - 611910 - WWH[a]
Illinois Ave. above Mansfield WWTP, RM 10.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cr-T	(1/11)	07/08	140	100	
Fe-T	(5/11)	07/08	11200	1000	
		07/11	1660		
		11/01	1930		
		11/10	6500		
		05/01	1820		
Fecal Coli-T-MF	(1/2)	05/30	3100	2000	
Ni-T	(1/3)	05/01	2000	435	
Pb-T	(1/8)	11/10	33	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-228: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Rocky Fork - 611910 - WWH[a]
Illinois Ave. above Mansfield WWTP, RM 10.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cr-T	(1/4)	06/20	110	85	
Fe-T	(2/2)	10/03 06/20	1120 1120	1000	
Fecal Coli-T-MF	(1/3)	08/17	3100	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-229: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Sandy Creek - 611800 - WWH[a]
At Waynesburg, RM 17.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/2)	11/30	2160	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-230: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Muskingum River Basin
Sandy Creek[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(1/1)	08/17	Sandy Creek at Magnolia	4400	2000 WWH	
Fe-T	(1/1)	08/17	Sandy Creek downstream Beck Creek	4900	1000 WWH	
Pb-T	(1/1)	08/17		48	30 WWH	
Fecal Coli-T-MF	(1/1)	08/17		6700	2000 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-231: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Muskingum River Basin
Sugar Creek[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(1/1)	11/16	Sugar Creek at Rt. 62	8100	2000 WWH	
Fe-T	(1/1)	12/11	Sugar Creek at Rt. 93	2070	1000	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-232: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Tuscarawas - 601920 - WWH[a]
At Clinton, RM 102.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(4/4)	07/14(1130)	3.4	5/4	
		08/10(0930)	2.5		
		10/06(0850)	4.4		
		11/02(0835)	4.2		
Fe-T	(3/3)	07/14	1250	1000	
		10/06	1120		
		11/02	1300		
Fecal Coli-T-MF	(3/3)	07/14	60000	2000	
		10/06	62000		
		11/02	3800		
MBAS	(3/3)	07/14	0.59	0.5	
		08/10	0.55		
		10/06	0.68		
Phenolics	(2/4)	07/14	125	10	
		08/10	38		
TDS	(4/4)	07/14	3210	1500	
		08/10	3390		
		10/06	3790		
		11/02	3530		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-233: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Tuscarawas - 611830 - WWH[a]
At Canal Fulton, RM 95.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	10/06	1540	1000	
Fecal Coli-T-MF	(2/2)	10/06 03/30	56000 3200	2000	
Phenolics	(1/1)	10/06	72	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-234: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Tuscarawas - 611830 - WWH[a]
At Canal Fulton, RM 95.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(2/2)	08/23(0900) 06/27(1300)	4.8 3.6	5/4	
Fe-T	(1/1)	08/23	2030	1000	
Fecal Coli-T-MF	(2/2)	08/23 06/27	11000 430000	2000	
Phenolics	(1/2)	06/27	15	10	
TDS	(1/1)	06/27	2128	1500	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-235: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Tuscarawas River at Walnut - 611840 - WWH[a]
At Massillon, RM 88.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(4/6)	08/31	1860	1000	
		10/06	1500		
		11/16	4800		
		04/12	1380		
Fecal Coli-T-MF	(6/6)	08/31	10000	2000	
		10/06	21000		
		11/16	53000		
		03/01	8300		
		04/12	14000		
		06/21	6300		
Pb-T	(1/6)	01/12	72	30	
Phenolics	(4/6)	08/31	19	10	
		10/06	32		
		11/16	25		
		01/12	13		
TDS	(1/6)	08/31	1810	1500	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-236: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Tuscarawas River at Walnut - 611840 - WWH[a]
At Massillon, RM 88.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(3/3)	11/27	7100	2000	
		01/09	7500		
		05/02	4200		
Pb-T	(1/4)	11/27	150	30	
Phenolics	(1/4)	07/19	13	10	
TDS	(3/3)	07/19	2330	1500	
		11/27	1740		
		05/02	1710		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-237: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Tuscarawas - 601930 - WWH[a]
Below Massillon, RM 85.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(7/8)	07/14	1600	1000	
		10/06	1500		
		11/16	3600		
		01/12	1340		19.5
		04/12	1460		16.4
		05/24	2580		
		06/21	2430		27.0
Fecal Coli-T-MF	(7/9)	08/01	5200	2000	
		10/06	5900		
		11/16	32000		
		03/01	5700		54.4
		04/12	8300		16.4
		05/24	4700		
		06/21	2900		27.0
NH_3-N-T	(1/14)	07/14	1.91	1.5	
O & G-T	(1/3)	03/01	8	5	54.4
Pb-T	(1/7)	01/12	75	30	19.5
PCB's	(1/2)	01/12	2.3	0.001	19.5
Phenolics	(8/11)	07/14	26	10	
		08/01	15		
		08/31	34		
		10/06	33		
		11/16	32		
		01/12	23		19.5
		02/01	13		
		03/01	18		54.4

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-237: (Continued)

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
TDS	(3/10)	07/14	1920	1500	
		11/16	1713		
		06/21	1800		27.0

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-238: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Tuscarawas - 601930 - WWH[a]
Below Massillon, RM 85.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cr-T	(2/5)	10/31	110	100	31.6
		01/09	130		36.9
D.O. (Field)	(1/12)	06/06(1050)	4.9	5/4	27.0
Fe-T	(7/9)	10/31	1610	1000	31.6
		11/27	1040		48.1
		12/11	2890		19.5
		01/09	1790		36.9
		03/05	4200		0.6
		04/05	6950		3.6
		05/02	1126		36.9
Fecal Coli-T-MF	(4/8)	02/07	4300	2000	48.1
		03/05	3000		0.6
		04/05	6500		3.7
		05/02	3200		36.9
NH_3-N-T	(1/12)	07/19	2.22	1.7	
Phenolics	(5/12)	07/19	16	10	
		08/02	19		31.6
		11/27	28		48.1
		12/11	29		19.5
		06/06	11		27.0
TDS	(3/7)	09/07	2150	1500	89.8
		11/27	1590		48.1
		05/02	1698		36.9

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-239: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Tuscarawas River - 611790 - WWH[a]
At Bridge, 0.2 Miles South of Newcomerstown, RM - 21.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/2)	03/02 05/10	1810 6200	1000	
Zn-T	(1/2)	05/10	900	235	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-240: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Tuscarawas River - 611790 - WWH[a]
At Bridge, 0.2 Miles South of Newcomerstown, RM - 21.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/4)	02/28	620	15	
Fe-T	(3/4)	11/02	1980	1000	
		02/28	7100		
		05/08	1450		
Pb-T	(1/4)	05/08	64	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-241: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Tuscarawas River at Massillon - 601930 - WWH[a]
Warmington St. Bridge off Rt. 21 - 1.4 miles
Below Massillon STP, RM - 14.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/2)	06/06(1050)	4.9	5/4	
Fe-T	(7/9)	10/31	1610	1000	
		11/27	1040		
		12/11	2890		
		01/09	1790		
		03/05	4200		
		04/05	6950		
		05/02	1120		
TDS	(3/6)	09/07	2150	1500	
		11/27	1590		
		05/02	1698		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-242: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Muskingum River Basin
Tuscarawas[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(1/4)	08/31(0950)	Tuscarawas downstream Barberton WWTP	2.8	5 WWH	
Fe-T	(2/3)	10/06		1540	1000 WWH	
		03/02		1320		
Fecal Coli-T-MF	(2/2)	08/31		20000	2000 WWH	
		10/06		7100		
MBAS	(2/3)	08/31		0.56	0.5 WWH	
		10/06		0.60		
Phenolics	(2/3)	08/31		52	10 WWH	
		10/06		216		
TDS	(3/3)	08/31		4510	1500 WWH	
		10/06		3090		
		03/02		3110		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-242: Continued

Parameter	(V/N)[c]	Date (T)[d]	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(1/3)	08/31(1005)	Tuscarawas Upstream Barberton WWTP	2.7	5/4 WWH	
Fe-T	(3/3)	08/31		1410	1000 WWH	
		10/06		2120		
		03/02		2260		
Fecal Coli-T-MF	(1/2)	08/31		20000	2000 WWH	
O & G-T	(1/1)	11/02		28	5 WWH	
Pb-T	(1/3)	03/02		50	30 WWH	
Phenolics	(2/4)	03/03		21	10 WWH	
		10/06		11		
Fe-T	(4/4)	08/17	Tuscarawas at Bolivar	3700	1000 WWH	
		11/30		2900		
		12/15		7500		
		03/01		1290		
Fecal Coli-T-MF	(2/2)	08/17		4900	2000 WWH	
		03/01		2600		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-242: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Phenolics	(1/4)	12/15		20	10 WWH	
Fe-T	(1/1)	12/15	Tuscarawas at Navarre	8600	1000 WWH	
Pb-T	(1/1)	12/15		24	10 WWH	
Fe-T	(1/1)	12/15	Tuscarawas at Riverland Road	2600	1000 WWH	
Phenolics	(1/1)	12/15		24	10 WWH	
D.O. (Field)	(1/2)	08/17(1145)	Tuscarawas at Sherman Street	4.8	5/4 WWH	
Fe-T	(2/2)	08/17 11/30		1020 1290	1000 WWH	
Fecal Coli-T-MF	(1/1)	08/17		5100	2000 WWH	
Phenolics	(1/2)	08/17		12	10 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-243: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Muskingum River Basin
Tuscarawas[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(1/1)	03/05	Tuscarawas downstream Barberton WWTP	6400	2000 WWH	
Fe-T	(1/1)	03/05		2520	1000 WWH	
Fe-T	(1/1)	03/05	Tuscarawas upstream Barberton WWTP	2740		
Fe-T	(2/2)	12/11 05/23	Tuscarawas at Bolivar	3010 1520		
Fecal Coli-T-MF	(2/2)	12/11 05/23		3300 34000	2000 WWH	
Phenolics	(1/2)	12/11		16	10 WWH	
Fe-T	(1/1)	03/05	Tuscarawas at Center Rd.	2780	1000 WWH	

(Continued on next page)

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-243: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/1)	11/27	Tuscarawas at Elton	1090		
Phenolics	(1/1)	11/27		15	10 WWH	
TDS	(1/1)	11/23		1530	1500 WWH	
Phenolics	(2/2)	08/09 12/20	Tuscarawas at Fairview	164 18	10 WWH	
D.O. (Field)	(3/4)	05/08(0900) 05/23(0825) 06/06(0910)	Tuscarawas at Sherman St.	4.6 4.2 4.2	5/4 WWH	
Fe-T	(1/1)	05/23		1680	1000 WWH	
Phenolics	(1/1)	05/23		16	10 WWH	
TDS	(1/1)	05/23		1662	1500 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-244: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
Wolf Creek Tributary to Tuscarawas - 611820 - WWH[a]
At Barberton, RM 0.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	04/12	1390	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-245: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
Wolf Creek Tributary to Tuscarawas - 611820 - WWH[a]
At Barberton, RM 0.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/4)	07/19(0830)	2.5	5/4	
Fe-T	(4/4)	07/19	1840	2000	
		11/27	1020		
		01/09	1890		
		05/02	1230		
Fecal Coli-T-MF	(1/3)	01/09	2500	2000	
Pb-T	(2/4)	01/09	39	30	
		05/02	60		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-246: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
(Walhonding River Subbasin)
Walhonding River at Nellie Below Dam - 601910 - WWH[a]
U.S. Rt. 36 Bridge at Nellie at U.S.G.S Gage below Mohawk Dam, RM - 14.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/3)	05/11	50	20	
Fe-T	(2/3)	07/08 05/11	1680 2300	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-247: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
(Walhonding River Subbasin)
Walhonding River at Nellie Below Dam - 601910 - WWH[a]
U.S. Rt. 36 Bridge at Nellie at U.S.G.S Gage below Mohawk Dam, RM - 14.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T		02/28	4000	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-248: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
(Wills Creek Subbasin)
Wills Creek below Wills Creek Dam - 611770 - WWH[a]
Twp. Rd. 274 off S.R. 83 near Conesville, RM - 6.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	07/14	2320	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-249: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Muskingum River Basin
(Willis Creek Subbasin)
Wills Creek - 611760 - WWH[a]
Below Cambridge, RM - 54.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/4)	07/14(1000)	4.7	5/4	
Fe-T	(1/1)	07/14	6100	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-250: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Muskingum River Basin
(Wills Creek Subbasin)
Wills Creek - 611760 - WWH[a]
Below Cambridge, RM - 54.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	08/24(1210)	2.6	5/4	
Pb-T	(1/2)	08/24	43	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-251: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Ohio Brush Creek Basin
Ohio Brush Creek - 600660 - EWH[a]
Near West Union, RM - 13.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/2)	05/18	50	25	11
Fe-T	(2/2)	03/15	8240	1000	2
		05/18	1920		11
Ni-T	(1/2)	05/18	100	25	11

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-252: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Ohio Brush Creek Basin
Ohio Brush Creek - 600660 - EWH[a]
Near West Union, RM - 13.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/4)	08/01	30	15	39.0
Fe-T	(2/4)	08/01	9400	1000	39.0
		02/22	7200		1.8

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-253: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Portage River Basin
Portage River - 500510 - WWH[a]
U.S. Route 20, RM 28.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/14)	02/15(0940)	2.9	5/4	41
Fecal Coli-T-MF	(8/10)	09/21	2070	2000	7
		10/12	TNTC		27
		11/03	2100		63
		12/14	3600		7
		01/17	10000		37
		02/15	4100		41
		03/01	7300		48
		04/20	3900		3

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-254: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Portage River Basin
Portage River - 500510 - WWH[a]
U.S. Route 20, RM 28.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/2)	04/03	1090	1000	
Fecal Coli-T-MF	(2/9)	07/18 10/19	3700 TNTC	2000	65

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-255: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Raccoon Creek Basin
Raccoon Creek - 601400 - WWH[a]
U.S. Rt. 35, RM - 29.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/3)	05/18	50	10	18
Fe-T	(5/8)	12/27	1500	1000	
		02/13	2080		
		03/15	3160		
		05/18	1210		
		06/09	15500		
pH (Field)		10/25	4.8	6.5-9.0	
		04/14	6.2		
		05/18	5.8		
		06/09	5.2		
pH (Lab)		12/22	6.0	6.5-9.0	
		01/31	5.4		
		02/13	5.2		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-256: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Raccoon Creek Basin
Raccoon Creek - 601400 - WWH[a]
U.S. Rt. 35, RM - 29.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(6/11)	12/12	1930	1000	
		01/23	1160		
		02/22	2740		
		03/13	2120		
		04/10	2340		
		05/08	1180		
pH (Field)	(8/11)	07/06	6.1	6.5-9.0	
		10/10	5.5		
		11/15	5.6		
		12/12	5.3		
		02/22	5.4		
		03/13	4.9		
		04/10	5.4		
		05/08	5.4		
pH (Lab)	(1/1)	10/10	6.2	6.5-9.0	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-257: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Raccoon Creek Basin
(Upper Raccoon Creek Subbasin)[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/1)	05/17	Raccoon Creek ( )	1560	1000 WWH	
pH	(1/1)	05/17	Raccoon Creek ( )	5.6	6.5-9.0 WWH	
pH	(1/1)	04/17	West Branch ( ) Raccoon Creek	5.7	6.5-9.0 WWH	
Fe-T	(1/1)	04/18	West Branch (0.2) Raccoon Creek	1020	1000 WWH	
pH	(1/1)	04/18		5.5	6.5-9.0 WWH	
Zn-T	(1/1)	04/18		60	55 WWH	
Fe-T	(1/1)	04/18	East Branch (0.1) Raccoon Creek	2310	1000 WWH	
pH	(1/1)	04/18		3.6	6.5-9.0 WWH	
Zn-T	(1/1)	04/18		260	235 WWH	

(Continued on next page)

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-257: (Continued)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/1)	04/18	East Branch ( ) Raccoon Creek	9900	1000 WWH	
pH	(1/1)	04/18		3.5	6.5-9.5 WWH	
Zn-T	(1/1)	04/18		500	365 WWH	
Fe-T	(1/1)	04/18	Hewett Fork (0.1)	2850	1000 WWH	
pH	(1/1)	04/26		4.9	6.5-9.0 WWH	
Fe-T	(1/1)	04/26	Hewett Fork (14.0)	6300	1000 WWH	
pH	(1/1)			3.8	6.5-9.0 WWH	
Fe-T	(1/1)	04/26	Rockcamp Creek ( )	1030	1000 WWH	
Fe-T	(1/1)	05/17	Flat Lick Run ( )	1020	1000 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-258: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/30/79)[a]

Raccoon Creek Basin
(Lower Raccoon Creek Subbasin)[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/1)	05/01	Little Raccoon ( ) Creek	3200	1000 WWH	
pH	(1/1)	5/01		4.7	6.5-9.0 WWH	
Fe-T	(1/1)	05/01	Little Raccoon ( ) (Calhoun Bed)	1420	1000 WWH	
pH	(1/1)	5/01		4.6	6.5-9.0 WWH	
pH	(1/1)	04/17	Little Raccoon Creek ( )	6.1	6.5-9.0 WWH	
pH	(1/1)	09/06	Meadow Run ( ) Beside Plant	4.3	6.5-9.0 WWH	
D.O. (Field)	(1/1)	09/06(1030)	Meadow Run ( ) Below Plant	3.6	5/4 WWH	
pH	(1/1)	09/06	Meadow Run ( ) Above Plant	3.4	6.5-9.0 WWH	

(Continued on next page)

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-258: (Continued)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/1)	04/17	Mulga Run (0.1)	13200	1000 WWH	
pH	(1/1)	04/17		3.4	6.5-9.0 WWH	
Fe-T	(1/1)	05/01	Flint Run (0.1)	51000	1000 WWH	
pH	(1/1)	05/01		3.5	6.5-9.0 WWH	
Zn-T	(1/1)	05/01		410	365 WWH	
Fe-T	(1/1)	05/01	Buffer Run (0.1)	94000	1000 WWH	
pH	(1/1)	05/01		2.9	6.5-9.0 WWH	
Zn-T	(1/1)	05/01		380	365 WWH	
Fe-T	(1/1)	05/01	Goose Run ( )	154000	1000 WWH	
Zn-T	(1/1)	05/01		560	365 WWH	
pH	(1/1)	05/01	Tar Camp Run (0.1)	5.7	6.5-9.0 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-258: (Continued)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/1)	05/01	Dickason Run (0.1)	1940	1000 WWH	
pH	(1/1)	05/01		5.3	6.5-9.0 WWH	
Fe-T	(1/1)	05/01	Spring Run (0.1)	1170	1100 WWH	
Fe-T	(1/1)	04/17	Mulga Run (0.1)	13200	1000 WWH	
pH	(1/1)			3.4	6.5-9.0 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-259: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Rocky River Basin
Rocky River - 501800 - WWH[a]
Cedar Point Rd., RM 12.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(2/9)	03/15	30	10	0.1
		05/11	40	25	22.5
Fe-T	(5/9)	08/17	1640	1000	43.5
		11/16	3960		6.4
		03/15	9200		0.1
		04/13	1180		16.7
		06/29	1160		36.6
Fecal Coli-T-MF	(3/9)	11/16	3100	2000	6.4
		03/15	3700		0.1
		04/13	4500		16.7
Pb-T	(2/10)	03/15	36	30	0.1
		05/11	36		22.5
Phenolics	(2/12)	12/15	12	10	0.1
		02/15	16		16.7
Zn-T	(1/7)	03/15	60	55	0.1

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-260: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Rocky River Basin
Rocky River - 501800 - WWH[a]
Cedar Point Rd., RM 12.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/9)	08/03	1450	1000	36.6
		03/01	2290		12.6
Fecal Coli-T-MF	(4/11)	08/03	16000	2000	36.6
		12/14	2100		36.6
		04/19	6400		28.8
		05/03	4400		43.5
Pb-T	(1/9)	01/16	72	30	12.6
Phenolics	(2/11)	08/03	11	10	36.6
		11/16	12		50.4

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-261: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Rocky River Basin
Rocky River - 04201555 - WWH[a]
Above Lakewood, RM 2.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(5/10)	11/09	1700	1000	
		12/20	1600		
		03/21	16000		
		04/12	1700		
		06/01	2200		
Fecal Coli-T-MF	(4/10)	11/09	11000	2000	
		12/20	16000		
		03/21	8200		
		04/12	2200		
Pb-T	(5/21)	12/14	77	30	
		03/15	31		
		03/21	33		
		04/20	54		
		05/09	57		
Zn-T	(1/10)	03/21	90	70	

(a) Station name - USGS code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-262: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Rocky River Basin
Rocky River[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(1/1)	06/05	Montville Landfill Tributary to the West Branch of the Rocky River (45.4)	46000	1000 WWH	
Zn-T	(1/1)	06/05		550	365 WWH	
Fe-T	(1/1)	10/03	Abrams Creek at Grayton Road (1.9)	55000	1000 WWH	
Pb-T	(1/1)	10/13		76	30 WWH	
Fe-T	(2/2)	10/13 07/19	Abrams Creek at Cedar Point Road ( )	8700 1050	1000 WWH	
Pb-T	(1/2)	10/13		46	30 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-263: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Rocky River Basin
Abrams Creek - 501830 - WWH[a]
Cedar Point Rd., RM 0.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/2)	07/19 10/13	1050 8700	1000	
NH_3-N-T	(1/1)	07/19	15.4	0.55	
Pb-T	(1/2)	10/13	46	30	
Phenolics	(2/2)	07/19 10/13	13 61	10	

(a) Station name - USGS code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-264: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Rocky River Basin
West Branch Rocky River - 501820 - WWH[a]
At Fenn Rd., RM 38.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(2/4)	09/08(1230)	1.2	5/4	65.1
		07/13(1000)	3.6		50.4
Fe-T	(1/4)	08/17	4100	1000	43.5
Fecal Coli-T-MF	(4/5)	07/13	23000	2000	50.4
		08/17	16000		43.5
		09/08	17000		65.1
		09/02	50000		
MBAS	(2/4)	07/13	0.86	0.5	50.4
		09/08	0.70		65.1
Phenolics	(1/4)	09/22	17	10	

(a) Station name - USGS code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-265: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Rocky River Basin
West Branch Rocky River - 501820 - WWH[a]
at Fenn Rd., RM 38.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cd-T	(1/4)	10/24	22	12	58.6
CN-T	(2/2)	01/23 04/19	0.13 0.02	0.01	
Cr-T	(1/4)	08/30	120	100	
Cu-T	(1/4)	10/24	60	40	58.6
D.O. (Field)	(1/4)	08/30(1215)	0.1	5/4	
Fe-T	(2/4)	10/24 01/23	1620 1030	1000	58.6
Fecal Coli-T-MF	(3/4)	08/30 10/24 01/29	380000 59000 60000	2000	58.6
NH_3-N-T	(1/4)	08/30	7.18	3.2	
Phenolics	(1/3)	08/30	14	10	
Zn-T	(1/3)	10/24	280	150	58.6

(a) Station name - USGS code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-266: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Sandusky River Basin
Sandusky River - 500860 - WWH[a]
Co. Rd. 121, RM 78.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	08/02(0930)	3.7	5/4	87
Fe-T	(1/1)	08/02	1510	1000	87
Fecal Coli-T-MF	(1/1)	08/02	6200	2000	87

(a) Station name - USGS code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-267: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Sandusky River Basin
Sandusky River - 500830 - WWH[a]
Scott Bridge Rd., RM 48.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/3)	07/21(1200)	4.9	5/4	77
Fecal Coli-T-MF	(1/3)	09/14	3400	2000	48

(a) Station name - USGS code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-268: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Sandusky River Basin
Sandusky River - 500830 - WWH[a]
Scott Bridge Rd., RM 48.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	08/02(1000)	3.6	5/4	89
Fe-T	(1/1)	08/02	1750	1000	89

(a) Station name - USGS code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-269: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Sandusky River Basin
Sandusky River - 500820 - WWH[a]
Above Fremont at Rice Rd., RM 20.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(4/7)	07/17	3800	1000	87
		07/25	1380		92.5
		04/10	11000		
		01/05	2800		
Fecal Coli-T-MF	(1/1)	12/07	4700	2000	
Pb-T	(3/4)	07/17	200	30	87
		10/12	92		
		01/15	36		

(a) Station name - USGS code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-270: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Sandusky River Basin
Sandusky River - 500890 - WWH[a]
U.S. Route 20, RM 13.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/2)	02/06	1380	1000	
		04/18	1120		

(a) Station name - USGS code - Beneficial use designation.
(b) Station Location and river Mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-271: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Sandusky River Basin
Sandusky River - 500890 - WWH[a]
U.S. Route 20, RM 13.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/3)	04/03	1750	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-272: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Scioto River - 601090 - WWH[a]
Below Kenton, RM 209.40[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	08/11(1130)	4.1	5/4	
NH_3-N-T	(1/1)	08/11	1.57	0.9	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-273: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Scioto River - 610760 - WWH[a]
Co. Rd. 175, RM 207.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/3)	12/15	7500	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-274: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Scioto River - 610770 - WWH[a]
Co. Rd. 106 above Kenton, RM 201.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/3)	03/08	2100	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-275: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Scioto River - 610770 - WWH[a]
Co. Rd. 106 above Kenton, RM 201.0[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/3)	09/19(0920)	4.7	5/4	
Fe-T	(1/1)	06/26	1280	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-276: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Scioto River - 601280 - WWH[a]
Near Prospect, RM 169.22[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	08/10	2610	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-277: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Scioto River - 601340 - WWH[a]
Near Circleville, RM 102.12[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/8)	06/23(1040)	4.9	5/4	
Fecal Coli-T-MF	(2/9)	04/25	5200	2000	
		05/25	7700		
Phenolics	(2/8)	12/13	54	10	
		02/16	18		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-278: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Scioto River - 600980 - WWH[a]
Near Circleville, RM 102.12[b]

Parameter Duration[e]	(V/N)[c]	Date (T)[d]	Sample	OEPA WQS Conc.	% Flow Limit
D.O. (Field)	(14/32)	07/07(0830)	3.6	5/4	
		07/13(0915)	3.1		
		07/19(0825)	3.4		
		07/27(1215)	3.2		
		08/04(0913)	2.6		
		08/10(0826)	3.3		
		08/24(0915)	3.5		
		09/01(1100)	4.8		
		09/13(0945)	4.9		
		09/21(0930)	4.3		
		09/29(0930)	4.3		
		06/06(0945)	4.3		
		06/22(0920)	4.3		
		06/30(1040)	4.3		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-279: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Scioto River - 601340 - WWH[a]
Near Circleville, RM 102.12[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(3/17)	07/19(0955)	4.0	5/4	
		08/23(0920)	4.4		
		05/24(1245)	4.3		
Fecal Coli-T-MF	(7/15)	11/21	2100	2000	
		11/29	40000		
		11/30	12000		
		12/01	5200		
		12/04	13000		
		04/12	24000		
		05/24	2800		
NH_3-N-T	(1/17)	07/19	1.92	1.20	
Phenolics	(1/11)	05/24	14	10	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-280: Ohio WQS Violations Not Located at National and

Scioto River Basin
State Monitoring Sites (7/1/77 - 6/20/78)[a]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(21/39)	06/02	Scioto River (102.12)	2.7	5/4 WWH	
		06/09	near Circleville	4.8		
		06/16		1.8		
		06/20		3.5		
		06/23		3.0		
		06/27		3.5		
		06/30		1.5		
		07/07(0830)		3.6		
		07/13(0915)		3.1		
		07/19(0825)		3.4		
		07/27(1215)		3.2		
		08/04(0913)		2.6		
		08/10(0826)		3.3		
		08/24(0915)		3.5		
		09/01(1100)		4.8		
		09/13(0945)		4.9		
		09/21(0930)		4.3		
		09/29(0930)		4.3		
		06/06(0945)		4.3		
		06/22(0920)		4.3		
		06/30(1040)		4.3		

(Continued on next page)

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-280: (Continued)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(4/7)	06/02	Scioto River (99.81)	4.8	5/4 WWH	
		06/16		4.5		
		06/20		4.5		
		06/27		4.1		

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-281: Ohio WQS Violations Not Located at National and

Scioto River Basin
State Monitoring Sites (7/1/78 - 6/20/79)[a]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(24/41)	07/05	Scioto River (102.12)	2.1	5/4 WWH	
		07/10	near Circleville	1.8		
		07/14		3.8		
		07/28		2.5		
		08/02(0715)		4.5		
		08/11		0.7		
		08/18(0845)		2.6		
		08/31(0750)		3.0		
		09/22(0825)		4.8		
		09/29(0850)		4.9		
		07/06(0940)		3.5		
		07/12(0945)		3.8		
		07/07(0830)		3.6		
		07/13(0915)		3.1		
		07/19(0827)		3.4		
		07/27(1215)		3.2		
		08/04(0913)		2.6		
		08/10(0826)		3.3		
		08/24(0915)		3.5)		
		09/01(1100)		4.8		
		09/13(0945)		4.9		
		09/21(0930)		4.3		
		09/29(0930)		4.3		
NH_3-N-T	(1/13)	07/21		12.0	3.1 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-282: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Scioto River - 600980 - WWH[a]
Near Circleville, RM 102.12[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(2/16)	07/06(0940)	3.5	5/4	
		07/12(0945)	3.8		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-283: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Scioto River - 600960 - WWH[a]
At Circleville, RM 99.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	09/21	1160	1000	
NH_3-N-T	(1/3)	08/23	3.49	2.70	
Fecal Coli-T-MF	(4/5)	11/29	7500	2000	
		11/30	15000		
		12/01	5600		
		12/04	14000		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-284: Ohio WQS Violations Not Located at National and

Scioto River Basin
State Monitoring Sites (7/1/78 - 6/20/79)[a]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(9/13)	07/10	Scioto River (99.81)	3.8	5/4 WWH	
		07/14		4.2		
		07/21		3.8		
		07/28		3.9		
		08/11		3.9		
		08/18(0820)		3.4		
		08/31(0810)		3.9		
		09/08(0750)		4.5		
		09/22(0800)		4.8		

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-285: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Scioto River - 600770 - WWH[a]
0.8 Miles Downstream from Walnut Creek at Higby Bridge,
1.1 Miles South of Junction U.S. 35 and Higby Road, RM - 56.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(5/52)	07/07(1205)	4.6	5/4	
		07/14(1205)	4.9		
		08/10(1150)	3.7		
		08/16(1155)	4.6		
		09/13(1150)	3.8		
Fe-T	(1/1)	08/23	1280	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-286: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Scioto River - 600770 - WWH[a]
At Higby RM - 56.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(3/4)	07/11	1300	1000	
		10/13	4600		
		04/11	4100		
Pb-T	(2/4)	02/07	71	30	
		04/11	91		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-287: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Scioto River - 601070 - WWH[a]
Below Marion, RM 2.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/2)	09/29(1100)	4.8	5/4	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-288: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Scioto River Basin
(Scioto River Basin (Middle Portion)[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(1/43)	07/13(0930)	Scioto River (130.76)	4.5	5/4 WWH	
NH_3-N-T	(1/39)	08/04		2.40	1.20 WWH	
NH_3-N-T	(2/44)	07/07	Scioto River (129.05)	0.53	0.50 WWH	
		08/04		0.90	0.80	
D.O. (Field)	(5/50)	07/13(1000)	Scioto River (127.73)	4.1	5/4 WWH	
		08/10(1015)		4.0		
		09/07(0942)		4.3		
		09/13(0940)		3.8		
		09/21(0945)		4.1		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-288: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(30/42)	07/13		28500	2000	
		07/27		9800		
		08/10		220000		
		08/16		3800		
		08/24		5800		
		09/01		3800		
		09/07		2200		
		09/21		50000		
		11/10		6500		
		11/16		4400		
		11/22		40500		
		12/14		55000		
		12/20		36000		
		12/28		4000		
		01/05		5800		
		02/06		4600		
		02/14		126000		
		03/02		13000		
		03/10		86000		
		03/28		4700		
		04/03		2070		
		04/19		35000		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-288: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF Continued		04/27		10000		
		05/05		96000		
		05/11		3200		
		05/17		19000		
		05/23		120000		
		06/06		25000		
		06/22		2700		
		06/30		4600		
NH_3-N-T	(1/46)	07/13		2.38	2.10 WWH	
D.O. (Field)	(6/49)	07/13(1013)	Scioto River (124.40)	3.8	5/4 WWH	
		08/24(1014)		3.9		
		09/07(0954)		4.1		
		09/13(1005)		4.5		
		09/21(1000)		3.8		
		11/10(1006)		4.5		
Fecal Coli-T-MF		07/07		50000	2000 WWH	
		07/13		21300		
		07/19		25000		
		07/27		17000		
		08/10		68000		
		08/16		3000		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-288: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF (Continued)		08/24		104000		
		09/01		65000		
		09/07		8200		
		09/13		26000		
		10/12		43000		
		10/18		16000		
		11/02		24000		
		11/22		113000		
		11/30		70000		
		12/08		72000		
		12/14		49000		
		12/20		30000		
		02/14		10000		
		03/16		5900		
		03/28		3400		
		04/19		5100		
		04/27		8300		
		05/05		16000		
		05/17		32000		
		05/23		190000		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-288: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
NH_3-N-T	(10/50)	07/07		2.80	2.20 WWH	
		07/27		5.15	1.70	
		08/10		5.66	2.30	
		08/24		4.40	1.80	
		09/01		5.91	2.10	
		11/10		8.90	7.90	
		06/06		1.83	0.80	
		06/14		3.01	1.30	
		06/22		1.49	1.30	
		06/30		2.72	2.10	
D.O. (Field)	(17/19)	06/16	Scioto River (120.00)	4.8	5/4 WWH	
		06/23		4.1		
		06/27		3.4		
		06/30		3.4		
		07/13(1028)		3.8		
		08/04(1033)		4.4		
		08/16(0943)		3.2		
		08/24(1025)		4.1		
		09/01(1030)		4.6		
		09/07(1007)		4.5		
		09/13(1020)		4.2		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-288: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field) (Continued)		09/21(1012)		3.4		
		09/29(1115)		4.5		
		11/10(1027)		3.7		
		06/14(1043)		4.3		
		06/22(1045)		4.5		
		06/30(1030)		4.0		
Fecal Coli-T-MF	(30/46)	07/07		6500	2000 WWH	
		07/13		9300		
		07/19		2300		
		07/19		2400		
		07/27		8500		
		08/10		20000		
		08/16		3800		
		08/23		8500		
		08/24		6200		
		09/01		24000		
		09/07		9800		
		09/13		4300		
		09/21		79000		
		09/29		19000		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-288: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF (Continued)		10/12		15000		
		11/10		6200		
		11/16		10800		
		11/22		88300		
		12/08		86000		
		12/14		13000		
		12/20		5900		
		03/16		5200		
		03/28		2000		
		04/03		4400		
		04/19		97000		
		04/27		8700		
		05/05		17000		
		05/11		12000		
		05/17		35000		
		05/23		140000		
NH_3-N-T	(5/60)	09/01		3.80	1.80 WWH	
		09/13		3.85	3.00	
		09/29		9.33	5.50	
		10/26		6.20	4.70	
		11/10		13.40	5.00	

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-288: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(18/57)	06/16	Scioto River (115.32)	4.5	5/4 WWH	
		06/27		4.3		
		06/30		3.8		
		07/07(1042)		3.6		
		07/13(1038)		3.7		
		07/27(1053)		4.0		
		08/04(1049)		4.0		
		08/10(1100)		3.4		
		08/16(0958)		3.5		
		08/24(1042)		4.6		
		09/01(1045)		4.0		
		09/07(1020)		4.3		
		09/13(1035)		3.8		
		10/06(1043)		4.9		
		05/31(1045)		4.7		
		06/14(1102)		3.8		
		06/22(1110)		4.8		
		06/30(1045)		3.3		

(Continued on next page)

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-288: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(19/42)	07/07		3000	2000 WWH	
		07/27		3500		
		08/10		3200		
		08/16		2200		
		09/07		3300		
		09/13		14000		
		11/16		23800		
		12/08		45000		
		12/14		4200		
		02/22		15000		
		03/02		2100		
		03/10		6800		
		03/16		2750		
		03/28		5100		
		04/27		14000		
		05/05		9300		
		05/11		5900		
		05/17		19000		
		05/23		23000		
NH_3-N-T	(3/57)	07/07		2.23	1.70 WWH	
		07/27		2.64	2.10	
		09/13		3.91	3.80	

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-288: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(36/86)	06/02	Scioto River (109.37)	3.9	5.0 WWH	
		06/09		2.5		
		06/16		3.5		
		06/20		3.9		
		06/23		4.6		
		06/27		3.6		
		06/30		2.4		
		07/07(0845)		2.8		
		07/07(1055)		2.8		
		07/13(0930)		3.0		
		07/13(1050)		3.1		
		07/19(0840)		2.2		
		07/27(1100)		3.2		
		07/27(1240)		3.2		
		08/04(0930)		1.9		
		08/04(1100)		3.8		
		08/10(0845)		3.2		
		08/10(1115)		3.9		
		08/16(1012)		2.0		
		08/24(1055)		3.1		
		09/01(1100)		1.7		
		09/07(1035)		3.5		
		09/13(1050)		2.3		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-288: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field) (Continued)		09/21(0950)		4.0		
		09/21(1040)		4.3		
		09/29(0950)		4.0		
		11/02(1030)		4.3		
		11/10(1058)		4.5		
		05/31(1100)		4.5		
		06/06(1104)		4.4		
		06/14(0945)		4.5		
		06/14(1117)		3.8		
		06/22(0940)		4.7		
		06/22(1130)		3.8		
		06/30(1100)		3.0		
		06/30(1115)		4.3		
NH_3-N-T	(4/54)	08/16		3.58	2.80 WWH	
		09/01		3.01	2.00	
		09/13		6.61	3.30	
		10/06		2.08	1.60	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-289: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Scioto River Basin
(Scioto River Basin (Middle Portion))[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(2/46)	07/24(1000)	Scioto River (130.76)	4.0	5/4 WWH	
		08/17(0940)		4.2		
NH_3-N-T	(2/32)	08/09		1.30	1.00 WWH	
		10/11		2.30	1.90	
D.O. (Field)	(3/13)	07/05	Scioto River (130.20)	4.6	5/4 WWH	
		07/21		4.8		
		08/31(0636)		4.6		
D.O. (Field)	(1/52)	07/24(1015)	Scioto River (129.05)	4.2	5/4 WWH	
NH_3-N-T	(1/37)	07/24		2.10	0.80 WWH	
D.O. (Field)	(5/53)	08/17(1030)	Scioto River (127.73)	2.9	5/4 WWH	
		08/31(0923)		2.5		
		09/18(1018)		2.5		
		10/04(1044)		2.2		
		10/20(0940)		1.0		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-289: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(31/48)	07/07		6100	2000 WWH	
		07/12		3900		
		08/01		11000		
		08/09		44000		
		08/17		8700		
		08/25		3800		
		09/06		9000		
		09/18		125000		
		09/26		5300		
		10/04		933000		
		10/20		160000		
		11/01		29000		
		11/13		50000		
		11/27		6700		
		11/29		130000		
		12/04		38000		
		12/15		65000		
		01/04		6000		
		01/12		20000		
		01/18		50000		
		01/24		38000		
		01/30		27000		
		02/23		31000		
		03/01		11000		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-289: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF (Continued)		04/04		8300		
		04/12		7300		
		04/26		2200		
		05/08		37000		
		05/30		3800		
		06/07		55000		
		06/21		280000		
NH_3-N-T	(3/41)	08/09		2.40	1.20 WWH	
		08/25		0.80	0.60	
		10/11		1.40	1.30	
D.O. (Field)	(2/53)	08/25(1050)	Scioto River (124.40)	2.2	5/4 WWH	
		10/04(1055)		3.5		
Fecal Coli-T-MF	(10/47)	07/24		4800		
		08/17		2700		
		09/06		4000		
		11/29		5900		
		12/27		6600		
		01/12		15000		
		02/23		26000		
		03/01		8000		
		04/04		3000		
		06/07		22000		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-289: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
NH_3-N-T	(3/45)	07/19		6.10	1.90 WWH	
		07/24		4.70	1.60	
		08/17		5.20	3.00	
D.O. (Field)	(21/65)	07/05	Scioto River (120.00)	3.7	5/4 WWH	
		07/14		2.6		
		07/21		3.0		
		07/28		3.2		
		08/02(0615)		2.9		
		08/11		4.6		
		08/18		2.6		
		08/31(0650)		3.2		
		09/08(0650)		4.5		
		09/15(0645)		4.6		
		09/22(0705)		3.7		
		07/07(1155)		4.5		
		07/12(1100)		4.0		
		07/19(1005)		3.6		
		07/24(1104)		3.4		
		08/01(0955)		3.8		
		08/09(1054)		4.6		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-289: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field) (Continued)		08/17(1102)		4.5		
		08/25(1105)		4.8		
		08/31(1029)		4.0		
		09/18(1047)		3.3		
Fecal Coli-T-MF	(16/51)	07/24		11900	2000 WWH	
		08/01		2900		
		08/17		3900		
		08/31		6000		
		09/06		7800		
		09/12		5200		
		09/18		9000		
		12/01		30000		
		12/27		10000		
		01/12		3000		
		02/23		24000		
		03/01		8600		
		03/07		2600		
		03/27		5500		
		05/08		3000		
		06/07		12000		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-289: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
NH_3-N-T	(5/55)	07/21		8.40	4.50 WWH	
		07/28		4.90	4.20	
		07/19		5.10	2.40	
		07/24		5.60	2.40	
		08/25		2.90	1.70	
D.O. (Field)	(28/67)	07/05	Scioto River (115.32)	4.1	5/4 WWH	
		07/10		4.0		
		07/14		3.9		
		07/21		3.5		
		07/28		0.9		
		08/02(0635)		4.0		
		08/11		0.6		
		08/18(0750)		3.1		
		08/31(0720)		3.8		
		09/08(0710)		4.9		
		09/22(0725)		3.8		
		09/29(0748)		0.4		
		07/07(1210)		4.3		
		07/12(11217)		4.6		
		07/19(1023)		3.8		
		07/24(1122)		3.8		
		08/01(1008)		4.5		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-289: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field) (Continued)		08/09(1113)		0.4		
		08/17(1124)		3.4		
		08/25(1120)		3.6		
		08/31(1045)		3.7		
		09/12(1050)		4.9		
		09/18(1105)		4.0		
		09/26(1123)		2.0		
		10/04(1125)		0.6		
		05/14(1055)		4.6		
		05/22(1101)		4.9		
		06/07(1100)		4.7		
Fecal Coli-T-MF	(18/51)	08/01		2100	2000 WWH	
		08/09		290000		
		08/17		3500		
		08/31		18000		
		10/04		409000		
		11/01		8600		
		11/29		60000		
		11/30		5300		
		12/04		33000		
		01/04		10000		
		01/18		20000		
		02/23		20000		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-289: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF (Continued)		03/01		5500		
		03/07		3000		
		03/27		24000		
		04/12		9700		
		05/02		20000		
		05/30		3100		
NH_3-N-T	(12/57)	07/10		11.20	2.70 WWH	
		07/14		7.90	3.30	
		07/21		8.00	3.40	
		08/18		3.40	1.30	
		07/12		2.16	2.10	
		07/19		4.50	1.60	
		07/24		6.30	2.10	
		08/01		3.10	2.10	
		08/17		3.00	2.80	
		08/25		3.90	1.70	
		09/12		1.90	1.60	
		09/18		1.90	1.80	

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-289: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(32/83)	07/05	Scioto River (109.37)	3.5	5/4 WWH	
		07/10		2.9		
		07/14		3.5		
		07/21		2.4		
		07/28		1.5		
		08/02(0645)		3.0		
		08/11		1.3		
		08/18(0730)		1.8		
		08/31(0730)		3.0		
		09/08(0725)		4.0		
		09/15(0725)		4.2		
		09/22(0735)		2.7		
		09/29(0805)		4.6		
		07/06(1000)		3.7		
		07/07(1230)		3.8		
		07/12(1000)		3.9		
		07/12(1151)		4.4		
		07/18(1010)		4.0		
		07/19(1030)		3.5		
		07/24(1015)		3.8		
		07/24(1148)		3.5		
		08/01(1027)		4.3		
		08/09(1141)		2.1		
		08/17(1138)		1.5		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-289: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field) (Continued)		08/25		2.9		
		08/31		3.0		
		09/06		4.2		
		09/12		4.3		
		09/18		3.8		
		09/26		4.0		
		10/04		1.2		
		10/11		4.5		
Fecal Coli-T-MF	(3/5)	11/29		52000	2000 WWH	
		11/30		37000		
		12/04		37000		
NH_3-N-T	(5/55)	07/14		5.10	2.60 WWH	
		07/21		5.20	3.80	
		07/28		4.20	3.70	
		07/19		2.23	1.60	
		09/26		19.60	3.00	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-291: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Big Darby Creek - 601300 - EWH[a]
At Darbyville, RM 13.35[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	03/08	1876	1000	
Fecal Coli-T-MF	(1/8)	02/22	2700	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-292: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Big Darby Creek - 600970 - EWH[a]
At 104 Bridge, RM 3.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/61)	08/04(1007)	5.6	6.0	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-293: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Scioto River Basin
(Upper Darby Creek)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fe-T	(2/2)	06/26 06/27	Big Darby Creek (53.2)	1230 2390	1000 EWH	
Fe-T	(2/2)	06/26 06/27	Big Darby Creek (51.6)	1040 1100	1000 EWH	
Fe-T	(1/2)	06/28	Big Darby Creek (44.5)	1780	1000 EWH	
Fe-T	(2/2)	06/27 06/28	Big Darby Creek (41.8)	1120 1270	1000 EWH	
Fe-T	(1/1)	06/29	Big Darby Creek (21.4)	1040	1000 EWH	
Fe-T	(1/2)	06/29	Big Darby Creek (13.3)	1030	1000 EWH	
Fe-T	(2/2)	06/28 06/29	Little Darby Creek (15.2)	1160 1260	1000 EWH	
Fe-T	(1/1)	06/28	Little Darby Creek (8.4)	1230	1000 EWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-294: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Scioto River Basin
(Upper Darby Creek)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Cd-T	(1/2)	06/18	Big Darby Creek (79.2)	9.0	1.2 EWH	
Fe-T	(1/3)	06/18		1080	1000 EWH	
Pb-T	(1/2)	06/18		92	30 EWH	
Fe-T	(3/4)	06/27	Big Darby Creek (74.6)	1190	1000 EWH	
		06/28		1090		
		06/28		1150		
Hg-T	(1/2)	06/28		0.7	0.2 EWH	
Fe-T	(6/9)	06/13	Big Darby Creek (71.3)	1330	1000 EWH	
		06/14		1090		
		06/27		1070		
		06/27		1110		
		06/28		1240		
Pb-T	(1/9)	06/28		48	30 EWH	

(Continued on next page)

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-294: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(1/9)	06/28(1610)	Big Darby Creek (66.1)	3.5	6.0 EWH	
Fe-T	(5/9)	06/13		1400	1000 EWH	
		06/13		1780		
		06/14		1560		
		06/19		1150		
		06/25		1020		
Fe-T	(1/1)	06/20	Big Darby Creek (63.7)	1050	1000 EWH	
Fe-T	(5/7)	06/13	Big Darby Creek (62.1)	2100	1000 EWH	
		06/13		1940		
		06/14		2440		
		06/27		1510		
		06/28		1480		
Pb-T	(1/7)	06/27		56	30 EWH	
Fe-T	(2/2)	06/21	Big Darby Creek (58.8)	2780	1000 EWH	
		06/26		2430		
Fe-T		06/21	Big Darby Creek (54.0)	1600	1000 EWH	
		06/26		1580		

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-295: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Scioto River Basin
(Big Walnut Creek)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(5/6)	03/10(1220)	Blacklick Creek (1.95)	4.9	5/4 WWH	
		03/10(0720)		3.8		
		02/10(2330)		4.3		
		02/10(1930)		4.6		
		02/10(1135)		3.7		
D.O. (Field)	(1/6)	02/10(1201)	Blacklick Creek (4.35)	4.8	5/4 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-296: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Scioto River Basin
(Big Walnut Creek)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(1/16)	07/28	Big Walnut Creek (1.68)	4.9	5/4 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-297: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Scioto River Basin
(Little Salt Creek Subbasin)[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Pb-T	(1/1)	05/03	Little Salt Creek (25.6) High St. Bridge - Jackson	74	30 WWH	
Zn-T	(1/1)	05/03		60	55 WWH	
Fe-T	(1/1)	05/03	Little Salt Creek (0.3)	1200	1000 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-298: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Little Scioto River - 610750 - WWH[a]
S.R. 308 above Marion STP, RM 8.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/3)	01/25	4700	1000	
		06/29	2140		
Fecal Coli-T-MF	(1/3)	01/25	2600	2000	
D.O. (Field)	(1/3)	06/29(1100)	4.9	5/4	
Zn-T	(1/3)	01/25	1560	275	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-299: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Little Scioto River - 610750 - WWH[a]
S.R. 309 above Marion STP, RM 8.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/3)	09/19(1050)	4.4	5/4	
Fe-T	(1/1)	06/27	2990	2000	
Hg-T	(1/3)	09/19	1.8	0.2	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-300: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Little Scioto River - 610740 - WWH[a]
S.R. 739 below Marion STP, RM 2.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/4)	06/20(1035)	3.8	5/4	
Fecal Coli-T-MF	(1/3)	06/20	5500	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-301: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Little Scioto River - 610740 - WWH[a]
S.R. 739 below Marion STP, RM 2.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/2)	09/19(1050)	4.4	5/4	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-302: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Little Walnut Creek - 600950 - WWH[a]
near L. Walnut, RM 1.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/47)	08/16(1040)	4.9	5/4	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-303: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Mill Creek - 601350 - WWH[a]
Below Marysville, RM 17.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/4)	04/27	50	20	27.0
D.O. (Field)	(1/6)	06/30(1000)	4.8	5/4	
Fecal Coli-T-MF		02/28	3700	2000	
		03/28	19000		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-304: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Mill Creek - 601350 - WWH[a]
Below Marysville, RM 17.2[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
CN-T	(1/10)	02/15	50	25	
D.O. (Field)	(3/11)	07/20(1130)	4.6	5/4	82.0
		09/15(0955)	3.6		61.0
		06/07(0903)	4.9		43.0
Fecal Coli-T-MF	(2/10)	12/07	2100	2000	25.0
		04/10	4300		8.0
Hg-T	(1/4)	03/06	5.0	0.2	
Pb-T	(2/4)	12/07	100	30	25.0
		03/06	72		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-305: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Scioto River Basin
Mill Creek and Middle Scioto

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Cd-T	(1/4)	6/12	Mill Creek (19.4)	16	12 WWH	
Fe-T	(2/4)	6/12 6/12		1070 1020	1000 WWH	
Pb-T	(1/4)	6/12		44	30 WWH	
Fe-T	(2/3)	6/12 6/13	Mill Creek (18.9)	8000 2520	1000 WWH	
Pb-T	(2/2)	6/12 6/13		120 32	30 WWH	
Fe-T	(1/1)	6/12	Mill Creek (18.4)	1370	1000 WWH	
??	(1/1)	6/12		200	100 WWH	
Fe-T	(1/10	6/14	Mill creek (18.1)	1100	1000 WWH	

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-305: Continued

Parameter	(V/N)[c]	Date (T)[d]	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(3/3)	6/12 (1330) 6/12 (1800) 6/13 (0715)	Mill Creek (16.8)	4.4 4.8 2.8	5/4 WWH	
Fe-T	(1/4)	6/12		1170	1000 WWH	
D.O. (Field)	(2/4)	6/13 (0020) 6/13 (0620)	Mill Creek (14.6)	4.3 3.3	5/4 WWH	
Cd-T	(1/4)	6/12		20	12 WWH	
Fe-T	(2/4)	6/12 6/13		1300 1040	1000 WWH	
Pb-T	(2/4)	6/12 6/12		48 82	30 WWH	
Cd-T	(1/1)	6/12	Mill Creek (12.2)	17	12 WWH	
Fe-T	(1/1)	6/12		1480	1000 WWH	
Ni-T	(1/1)	6/12		100	45 WWH	
Pb-T	(1/1)	6/12		58	30 WWH	

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-305: Continued

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
NH_3-N-T	(1/1)	6/12	Mill Creek (11.8)	27.0	7.2 WWH	
Cd-T	(1/4)	6/12	Mill Creek (6.9)	18	12 WWH	
Fe-T	(2/4)	6/13 6/13		1080 1180	1000 WWH	
Pb-T	(2/4)	6/12 6/13		45 32	30 WWH	
Cd-T	(1/1)	6/12	Mill Creek (3.9)	15	12 WWH	
Pb-T	(1/1)	6/12		40	30 WWH	
Cd-T	(1/4)	6/12	Mill Creek (1.8)	18	12 WWH	
Pb-T	(2/4)	6/12 6/12		48 45	30 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-306: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Scioto River Basin
(Mill Creek - Middle Scioto)[b]

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(5/12)	09/12(0815)	Mill Creek (18.4)	3.2	5/4 WWH	
		09/13(0750)		4.1		
		09/13(2400)		4.9		
		09/14(0850)		4.3		
		09/14(1615)		4.6		
D.O. (Field)	(10/12)	09/11(1625)	Mill Creek (18.1)	4.3	5/4 WWH	
		09/12(0035)		4.7		
		09/12(0910)		3.8		
		09/12(2340)		4.3		
		09/13(0834)		3.8		
		09/13(1545)		4.7		
		09/13(2330)		3.9		
		09/14(0745)		3.0		
		09/14(2340)		4.8		
		09/15(0900)		4.2		
NH_3-N-T		09/12		7.70	4.55 WWH	
		09/12		6.60	6.40	
		09/13		4.00	3.20	
		09/14		4.10	2.15	

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-306: (Continued)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(10/10)	09/11(1640)	Mill Creek (16.8)	2.2	5/4 WWH	
		09/12(0025)		1.1		
		09/12(0750)		1.0		
		09/12(1540)		3.5		
		09/13(2315)		2.5		
		09/13(0745)		1.7		
		09/13(1545)		4.4		
		09/14(1555)		3.1		
		09/14(2335)		1.9		
		09/15(0730)		1.5		
NH_3-N-T		09/12		4.60	2.10 WWH	
D.O. (Field)	(9/12)	09/12(0015)	Mill Creek (14.6)	3.9	5/4 WWH	
		09/12(0840)		3.3		
		09/12(2330)		2.8		
		09/13(0725)		2.0		
		09/13(2350)		3.3		
		09/14(0820)		2.3		
		09/14(1610)		3.1		
		09/14(2400)		2.2		
		09/15(0820)		2.0		

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(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-306: (Continued)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
D.O. (Field)	(5/11)	09/12(0910)	Mill Creek (12.2)	3.6	5/4 WWH	
		09/12(2345)		4.0		
		09/13(0810)		3.4		
		09/15(0013)		4.0		
		09/15(0900)		2.3		

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-307: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Olentangy River - 601060 - WWH[a]
Below Galion, RM 84.1[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	08/11(1015)	2.9	5/4	
NH_3-N-T	(1/1)	08/11	5.53	2.7	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-308: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
Olentangy River - 601290 - WWH[a]
Near Worthington, RM 11.43[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(3/10)	09/14	5300	2000	
		12/13	2900		
		05/31	5300		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-309: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Olentangy River - 601290 - WWH[a]
Near Worthington, RM 11.43[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	06/07	1950	1000	48.7
Fecal Coli-T-MF	(5/10)	07/19	8200	2000	96.9
		08/23	7700		75.7
		10/11	3500		97.0
		01/23	2500		43.9
		04/10	17000		8.1
Pb-T	(1/4)	07/12	156	30	53.3

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-310: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/77 - 6/20/78)[a]

Scioto River Basin
(Olentangy River)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(1/10)	03/14	Olentangy River (5.28)	11000	2000 WWH	
Fecal Coli-T-MF	(1/10)	03/14	Olentangy River (3.91)	7200	2000 WWH	
Fecal Coli-T-MF	(1/10)	03/14	Olentangy River (3.15)	13000	2000 WWH	
Fecal Coli-T-MF	(3/10)	03/14 05/02 05/10	Olentangy River (2.16)	12000 2500 2300	2000 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-311: Ohio WQS Violations Not Located at National and State Monitoring Sites (7/1/78 - 6/20/79)[a]

Scioto River Basin
(Olentangy River)

Parameter	(V/N)[c]	Date (T)[d])	Name - (RM)[e]	Sample Conc.	OEPA WQS Limit (Use Designation)	% Flow Duration[f]
Fecal Coli-T-MF	(2/11)	04/05 06/07	Olentangy River (3.15)	2200 4400	2000 WWH	
Fecal Coli-T-MF	(2/11)	03/27 06/07	Olentangy River (2.60)	14000 8100	2000 WWH	
Fecal Coli-T-MF	(3/11)	03/27 04/05 06/07	Olentangy River (2.16)	7600 5200 3400	2000 WWH	

(a) The following violations include: 1) persistent toxicant violations, 2) heavy metals violations, 3) any of the 65 priority pollutants not included in 1) and 2) above, 4) any violations which impact on the mainstem 5) all violations on stream mainstems.
(b) Major basin name (Subbasin) name.
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) River or stream - river mile (RM).
(f) Based upon daily average USGS data.

Table RD 2-312: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Paint Creek - 600740 - WWH[a]
Below Washington Court House, RM 67.70[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	07/27(1000)	4.1	5/4	
Fe-T	(1/1)	07/27	1900	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-313: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
(Paint Creek Subbasin)
Paint Creek - 601320 - EWH[a]
Near Bourneville off Jones Levee Road, RM - 21.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/3)	03/15	40	30	
Fe-T	(2/3)	03/15 05/18	4800 1270	1000	
Pb-T	(1/3)	03/15	38	30	
pH (Lab)	(1/6)	03/15	6.0	6.5	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-314: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
(Paint Creek Subbasin)
Paint Creek - 601320 - EWH[a]
Near Bourneville off Jones Levee Road, RM - 21.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/3)	02/22	3500	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-315: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Scioto River Basin
(Paint Creek Subbasin)
Rocky Fork of Paint Creek - 610800 - EWH[a]
At Barrett's Mills, RM - 2.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/2)	05/18	40	30	10

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-316: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
(Paint Creek Subbasin)
Rocky Fork of Paint Creek - 610800 - EWH[a]
At Barrett's Mills, RM - 2.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(2/4)	08/01	1360	1000	94
		02/22	2350		1.7

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-317: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Walnut Creek - 600750 - WWH[a]
Below Baltimore, RM 38.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/1)	09/20(1045)	4.0	5/4	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-318: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Scioto River Basin
Whetstone Creek - 610790 - WWH[a]
Below Mt. Gilead at Cardington Rd., RM 19.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/4)	09/22(1103)	4.7	6.0	
Fe-T	(1/1)	07/13	2430	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-319: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Vermilion River Basin
Vermilion River - 501260 - EWH[a]
Mill Hollow Bacon Woods, RM 4.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cr-T	(1/4)	02/15	55	50	14
Cu-T	(1/4)	02/15	55	5	14
Fecal Coli-T-MF	(1/12)	06/13	2400	2000	19.6
PCB	(1/12)	05/16	0.7	0.001	10
Zn-T	(1/4)	02/15	235	30	14

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-320: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Vermilion River Basin
Vermilion River - 501260 - EWH[a]
Mill Hollow Bacon Woods, RM 4.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fecal Coli-T-MF	(1/9)	06/12	2400	2000	
Phenolics	(2/3)	03/15	3	1	
		06/12	7		
Zn-T	(1/7)	03/15	40	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-321: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Wabash River Basin
Wabash River - 610000 - WWH[a]
State Line, RM 456.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(3/3)	07/19(1245)	3.7	5/4	
		08/09(1313)	4.2		
		09/13(1300)	4.3		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-322: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Wabash River Basin
Wabash River - 610000 - WWH[a]
State Line, RM 465.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	08/03	2820	1000	
Fecal Coli-T-MF	(1/1)	08/03	TNTC	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-323: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Wabash River Basin
Beaver Creek - 605010 - WWH[a]
S.R. 703 above Celina, RM 10.7[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/4)	09/13(1015)	1.9	5/4	
Fe-T	(1/1)	06/14	1450	1000	
Fecal Coli-T-MF	(2/2)	09/13 12/12	4000 5800	2000	
Pb-T	(1/4)	12/12	64	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-324: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Wabash River Basin
Beaver Creek - 605020 - WWH[a]
Maumee Rd. below Celina, RM 9.6[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/3)	09/13(1100)	1.6	5/4	
Fe-T	(1/1)	06/14	1530	1000	
Fecal Coli-T-MF	(2/2)	09/13 12/12	TNTC 4700	2000	
NH_3-N-T	(2/4)	09/13 06/14	32.3 0.73	5.1 0.5	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-325: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Minor Ohio River Tributaries
Bullskin Creek - 609100 - WWH[a]
At Ceoron Rd., RM 2.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	09/25	2560	1000	
Fecal Coli-T-MF	(1/1)	09/25	3600	2000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-326: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Minor Ohio River Tributaries
Duck Creek - 609180 - WWH[a]
At S.R. 26 near Marietta, RM - 8.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Pb-T	(1/1)	08/23	65	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-327: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/7 - 6/30/7)

Minor Ohio River Tributaries
Indian Guyan Creek - 609150 - WWH[a]
At S.R. 243, RM - 2.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	03/21	2680	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-328: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Minor Ohio River Tributaries
Leading Creek - 609160 - WWH[a]
Rt. 7 (Business) W. of Middleport, RM - 1.4[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	07/24	2450	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-329: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Minor Ohio River Tributaries
Lt. Muskingum River - 609190 - EWH[a]
Above Mill Run off Co. Rd. 9, RM - 2.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Pb-T	(1/1)	08/23	36	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-330: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Minor Ohio River Tributaries
McMahon Creek - 609220 - WWH[a]
At S.R. 147 and Co. Rd. 3, RM - 1.3[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	03/09	7080	1000	
Pb-T	(1/1)	03/09	34	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-331: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Minor Ohio River Tributaries
Short Creek - 609240 - WWH[a]
S.R. 150 near Rayland, RM - 3.9[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	09/12	3000	1000	
Pb-T	(1/1)	09/12	32	30	
TDS	(1/1)	09/12	2050	1500	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-332: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Minor Ohio River Tributaries
Sunfish Creek - 609200 - WWH[a]
At S.R. 78 Bridge near Cameron, RM - 6.8[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Pb-T	(1/1)	03/08	31	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-333: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Minor Ohio River Tributaries
Wheeling Creek - 609230 - WWH[a]
Co. Rd. 24 East of Bridgeport, RM - 1.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	03/09	15400	1000	
TDS	(1/1)	03/09	1563	1500	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-334: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Minor Ohio River Tributaries
Wheeling Creek - 609230 - WWH[a]
Co. Rd. 24 East of Bridgeport, RM - 1.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
TDS	(1/1)	08/28	1996	1500	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-335: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Minor Ohio River Tributaries
Yellow Creek - 609260 - WWH[a]
At Rt. 213, RM - 2.5[b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/1)	08/29	1460	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-336: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Ashtabula Water Supply Intake - 504160 - EWH and PWS[a]
Central Lake Erie Basin, RM [b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cr-T	(1/3)	03/21	80	50	
D.O. (Field)	(1/3)	09/14(0900)	5.8	6.0	
Pb-T	(1/3)	09/21	36	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-337: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Cleveland Crown Water Supply Intake - 504090 - EWH and PWS[a]
Central Lake Erie Basin, RM [b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(3/3)	01/30	70	5	
		03/27	30		
		04/26	40		
Pb-T	(1/3)	01/30	33	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-338: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Conneaut Water Supply Intake - 504170 - EWH and PWS[a]
Central Lake Erie Basin, RM [b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cd-T	(1/6)	05/23	8.0	5.0	
Fe-T	(1/6)	12/21	2200	1000	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-339: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Conneaut Water Supply Intake - 504170 - EWH and PWS[a]
Central Lake Erie Basin, RM [b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/8)	12/28	3300	1000	
Hg-T	(1/1)	01/30	0.8	0.5	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-340: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Mentor Water Supply Intake - 504130 - EWH and PWS[a]
Central Lake Erie Basin, RM [b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Zn-T	(1/3)	03/21	40	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-341: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Mentor Water Supply Intake - 504130 - EWH and PWS[a]
Central Lake Erie Basin, RM [b]

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
D.O. (Field)	(1/22)	07/04(0800)	5.4	6.0	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-342: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Oregon Water Supply Intake - 504240 - EWH and PWS
Lake Erie Western Basin, Toledo Area

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Zn-T	(1/4)	02/24	50	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-343: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Oregon Water Supply Intake - 504240 - EWH and PWS
Lake Erie Western Basin, Toledo Area

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Fe-T	(1/2)	06/25	1090	1000	
TDS	(2/4)	05/01	292	200	
		05/31	218		

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-344: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/77 - 6/30/78)

Sandusky Water Supply Intake - 504030 - EWH and PWS
Lake Erie Central Basin, Sandusky Area

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(1/4)	05/09	40	5	
D.O.	(1/4)	08/01	4.8	6	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

Table RD 2-345: Ohio WQS Violations Located at National and State Monitoring Sites (7/1/78 - 6/30/79)

Sandusky Water Supply Intake - 504030 - EWH and PWS
Lake Erie Central Basin, Sandusky Area

Parameter	(V/N)[c]	Date (T)[d]	Sample Conc.	OEPA WQS Limit	% Flow Duration[e]
Cu-T	(5/6)	06/25	50	5	
		05/31	50	5	
		05/01	40	5	
		03/29	40	5	
		02/27	30	5	
		11/03	60	5	
Fe-T	(1/1)	06/25	1600	1000	
Fecal Coli-T-MF	(1/9)	09/12	TNTC	2000	
Zn-T	(2/9)	08/14	40	30	
		11/03	100	30	

(a) Station name - STORET code - Beneficial use designation.
(b) Station Location and river mile (RM).
(c) Total number of Ohio WQS violations/Total number of samples.
(d) Time oxygen sample was taken.
(e) Based upon daily average USGS data.

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State of Ohio Environmental Protection Agency
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Columbus, Ohio 43216
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REFERENCE DOCUMENT 3

The tabulated data presented in this document are the result of benthic sampling conducted in the State of Ohio from 1974 to 1979. The information consists of numbers and types of organisms, numbers of organisms per square foot and Shannon diversity indices. In those cases where replicate analyses were conducted, coefficients of variation are indicated. The data were generated from National Ambient Monitoring Network Stations and from water quality investigations of major dischargers. The data were collected by the use of Hester-Dendy multiple-plate artificial substrate samplers as well as qualitative samples collected from the natural substrates.

RD 3-1: Organisms Collected from Four Stations on the Great Miami River[a]

Great Miami River - WWH[b]
August 27 to October 8, 1974

Taxa		Station (RM)[b] 130.4	130.0	127.7	126.2
Coelenterata:	Hydra sp	2			
Turbellaria:	Unidentified			4	
Nematoda:	Unidentified			4	
Bryozoa:	Unidentified	1			+
Annelida:	Oligochaeta	171	78 +	258	125
	Hirudinea		4		
Isopoda:	Lirceus fontinales	2	1 +		
Amphipoda:	Hyalella azteca	+			
Decapoda:	Orconectes sp		+		
	Astacidae		1		
Plecoptera:	Acroneuria lycorias		1		
	Phasganophora capitata				1
Ephemeroptera:	Stenacron sp	156 +	63 +	186	252 +
	Stenonema pulchellum group	56	49 +		390 +
	Stenonema tripunctatum group				+
	Baetis sp	2 +	9 +		56
	Caenis sp	18	17	9	
	Tricorythodes sp	2	4		19
	Ephemera simulans		+		
	Potamanthus sp				+
Odonata:	Argia sedula		2		
	Argia sp			4	+
	Hyponeura sp				4
	Agrion aequabile				2
Hempitera:	Corixidae	+			
Megaloptera:	Corydalus sp		1		

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	Taxa	Station (RM)[c] 130.4	130.0	127.7	126.2
Trichoptera:	Symphitopsyche bifida group	4	23 +		47
	Hydropsyche simulans(?)				52
	Cheumatopsyche sp	112	131 +	2	603 +
	Neureclipsis sp	16 +	4	18	3 +
	Polycentropus sp			6	
	Limnephilus (?) sp	+			
Coleoptera:	Dubiraphia sp	+	4		+
	Macronychus glabratus	4	4	1	9
	Stenelmis sp		10 +		1
	Peltodytes sp	+			
	Psephenus sp	+			
Diptera:	Calopspectra sp A	115	33	79	252 +
	Calopspectra sp B	29	11	10	18
	Calopspectra sp C	29			
	Pentaneura sp	128	17	1	111
	Ablabesmyia sp			16	
	Cricotopus sp	94	25	4	67
	Corynoneura sp	18	8	39	24
	Psectrocladius sp		4	1	23
	Microtendipes sp	80 +	8	16	
	Glyptotendipes senilis	224	16	67	15
	Glyptotendipes sp	96 +	4	307	
	Tendipes sp			16	
	Cryptochironomus sp				15
	Polypedilum fallax	64	12	32	8
	Polypedilum sp	72	24	1	69
	Tanytarsus sp		4	32	
	Palpomyia (?) sp	2			
	Culicoides (?) sp	2		4	
	Empididae	4			2

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	Taxa	Station (RM)[c] 130.4	130.0	127.7	126.2
Gastropoda:	*Ferrissia* sp	6 +	7 +	23	5
	Physa sp	+			
	Goniobasis (?) sp		5 +		
	Number of organisms/sq. ft.	302	117	228	435
	Number of taxa[d]	28	32	26	26
	Diversity index, $\bar{d}$[d]	3.89	3.97	3.20	3.33
	Sampler/site	5	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation WWH (Warmwater Habitat). The Sidney STP discharge is located at RM 128.68.
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-2: Organisms Collected from Three Stations on Dick's Creek[a]

Dick's Creek - WWH[b]
July 1 to August 12, 1975

Taxa		Station (RM)[c] 5.0	3.9	0.9
Turbellaria:	Tricladida	6		1
Bryozoa:	Plumatella repens	12		
Annelida:	Oligochaeta	27	167	319
Decapoda:	Orconectes sp	+		
Ephemeroptera:	Stenacron sp	1		
	Stenonema tripunctatum group	2		
	Caenis sp	3		
Odonata:	Hetaerina sp	+		
	Argia sp	3+	+	+
	Coenagrionidae	+	1+	+
Trichoptera:	Cheumatopsyche sp	29+		
	Symphitopsyche bifida group	2		
	Hydroptila sp	3		
Coleoptera:	Berosus sp	12+		
	Tropisternus sp	+		
	Dubiraphia sp	3		
Diptera:	Procladius sp	7		
	Pentaneura sp	131+		18
	Pseudochironomus sp	20		
	Glyptotendipes (Glyptotendipes) senilis	72		
	Tanytarsus (Endochironomus) sp	13		
	Polypedilum (Polypedilum) fallax	13		
	Polypedilum sp			+
	Calopsectra sp	39		
	Cricotopus sp	151+		
	Ceratopogonidae	6		1
	Number of organisms/sq. ft.	111	34	68
	Number of taxa[d]	21	2	4
	Diversity index, $\bar{d}$[d]	3.21	0.009	0.36
	Samplers/site	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation WWH (Warmwater Habitat).
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-3: Organisms Collected from Three Stations on Dick's Creek[a]

Dick's Creek - WWH[b]
July 8 to August 19, 1974

Taxa		Station (RM)[c] 5.0	3.9	2.4
Turbellaria:	Unidentified		1	8
Bryoza:	Plumatella repens		2	
	Urnatella gracilis		2	
	Unidentified	1		
Annelida:	Oligochaeta	221+		282
Decapoda:	Orconectes sp	+		
Odonata:	Argia (?) sp	2		
	Anomalagrion (?) sp	+		
	Ishnura sp	+		
Coleoptera:	Dubiraphia sp	2		
Diptera:	Cricotopus sp	15+	4	
	Corynoneura sp	5		
	Procladius sp	2		1
	Ablabesmyia sp	25		
	Pentaneura sp A	17		2
	Pentaneura sp B	4		
	Cryptochironomus sp	1		
	Psectrocladius sp	1	2	1
	Tendipes sp	1		
	Polypedilum fallax	4		
	Glyptotendipes sp	10		
	Calopsectra sp		1	
	Dasyhelea (?) sp			1
	Culicoides (?) sp	14		1
Gastropoda:	Physa sp	2+		
	Number of organisms/sq. ft.	65	3	59
	Number of taxa[d]	17	6	7
	Diversity index, $\bar{d}$[d]	1.94	(e)	0.37
	Samplers/site	5	4	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation WWH (Warmwater Habitat).
(c) RM (river mile).
(d) Artificial substrate sample only.
(e) Inadequate number of individuals to calculate $\bar{d}$.

RD 3-4: Organisms Collected from the Great Miami River

Great Miami River - 600310 - WWH[a]
Dayton - RM 87.1[b]
August 30 to October 11, 1978

Taxa		Sampler 1	2	3	Total	Qualitative sample[c]
Annelida:	Oligochaeta	49	43	83	175	
Decapoda:	Orconectes sp					+
Ephemeroptera:	Stenacron interpunctatum	38	19	47	104	+
	Stenonema tripunctatum		1	1	2	+
	Stenonema terminatum	2			2	+
	Stenonema fermoratum	2			2	+
	Stenonema pulchellum	9	8	1	18	+
	Tricorythodes sp	2			2	
	Caenis sp	4	5	10	19	
	Baetis sp	2			2	
Odonata:	Coenagrionidae		1	1	2	
	Argia sp					+
Hemiptera:	Ranatra sp					+
Trichoptera:	Symphytopsyche bifida group	2	4	1	7	+
	Hydropsyche valanis		6		6	+
	Hydropsyche bidens	5			5	
	Cheumatopsyche sp	92	54	22	168	+
Coleoptera:	Stenelmis sp					+
Diptera:	Pentaneura sp	87	76	35	198	+
	Ablabesmyia sp			6	6	
	Glyptotendipes (Phytotendipes) lobiferous	213	176	319	708	+
	Glyptotendipes sp	126	121	167	414	+
	Tendipes sp	8			8	
	Tendipes (Limnochironomus) nervosus	15	7	21	43	+
	Tendipes (Einfeldia) insolita		7		7	
	Polypedilum (Polypedilum) fallax			6	6	
	Polypedilum (Polypedilum) illinoense					+
	Cricotopus sp	23	26	6	55	+
	Calopsectra Rheotanytarsus group	47	88	14	149	

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Taxa		Sampler 1	Sampler 2	Sampler 3	Total	Qualitative sample[c]
	Ceratapogonidae			1	1	
	Empididae	2			2	
Gastropoda:	Ferrissia sp	2		4	6	
	Pleurocera sp			1	1	+
	Number of organisms (CV 7.9%)	730	642	746	2118	
	Number of taxa (CV 11.4%)	20	16	19	28	19
	Diversity index, $\bar{d}$[d]	3.02				

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

RD 3-5: Organisms Collected from the Great Miami River

Great Miami River - 600310 - WWH[a]
Dayton, RM 87.1[b]
June 9 to July 21, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Bryozoa:	Plumatella repens		1		1	
Annelida:	Oligochaeta	229	424	210	863	
Isopoda:	Lirceus sp			1	1	
Amphipoda:	Cranqonyx sp			1	1	
	Hyalella azteca	1			1	
Decapoda:	Orconectes sp			1	1	
Ephemeroptera:	Stenacron interpunctatum	27	17	28	72	+
	Caenis sp	7	4	19	30	+
	Tricorythodes sp	17	9	4	30	+
	Baetis sp					+
Trichoptera:	Cheumatopsyche sp					+
Coleoptera:	Stenelmis sp	3	3	1	7	
	Macronychus qlabratus	1			1	
	Dineutus sp		1		1	
Diptera:	Ablabesmyia sp			11	11	
	Tendipes sp		16	33	49	+
	Glyptotendipes (Glyptotendipes) senilis	31		6	37	
	Glyptotendipes sp	491	336	142	969	
	Polypedilum (Polypedilum) fallax			11	11	
	Polypedilum sp					+
	Tanytarsus (Endochironomus) sp			11	11	
	Psectrocladius sp	10			10	
Gastropoda:	Physa sp	141	111	32	284	+
	Ferrissia sp			1	1	
	Goniobasis livescens	2	1		3	
	Number of organisms (CV 31.2%)	960	923	512	2395	
	Number of taxa (CV 20.4%)	12	10	15	22	8
	Diversity index, $\bar{d}$ [d]	2.16				

(a) Station name - STORET code - Benefical use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

RD 3-6: Organisms Collected from the Great Miami River

Great Miami River - 600310 - WWH[a]
Dayton - RM 87.1[b]
July 27 to September 9, 1976

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Annelida:	Oligochaeta	372	
Ephemeroptera:	Potamanthus sp		+
	Stenonema pulchellum	44	
	Stenacron sp		+
	Stenonema pulchellum group		+
	Caenis sp	12	
	Tricorythodes sp	4	
	Baetis sp		+
	Baetidae	32	
Odonata:	Coenagrionidae	4	
Hemiptera:	Corixidae		+
Trichoptera:	Cheumatopsyche sp	5,791	+
	Hydropsyche bifida group	624	+
	Hydropsyche orris	992	
	Hydropsyche sp A	16	
Lepidoptera:	Paragyractis sp		+
Coleoptera:	Stenelmis sp	20	+
Diptera:	Pentaneura sp	285	+
	Glyptotendipes sp	7,127	+
	Polypedilum sp	1,140	
	Tendipes sp		+
	Calopsectra Rheotanytarsus group	12,259	
	Cricotopus sp	285	
Gastropoda:	Ferrissia sp		+
	Physa sp		+
	Pleurocera sp		+
	Goniobasis sp	8	+

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Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Number of organisms/sq.ft.	5803	
Number of taxa	17	16
Diversity index $\overline{d}$[e]	2.22	

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-7: Organisms Collected from the Great Miami River

Great Miami River - 600150 - WWH[a]
Miamisburg, West Bank SR 725 - RM 67.7[b]
June 9 to July 21, 1977

Taxa		Sampler 1	Sampler 2	Sampler 3	Total	Qualitative Sample[c]
Annelida:	Oligochaeta	19	5		24	
	Dina sp	16	4	3	23	+
	Helobdella lineata	5		2	7	+
Amphipoda:	*Crangonyx* sp	7	1		8	
Odonata:	*Somatochlora* sp					+
Coleoptera:	*Dineutus* sp					+
Diptera:	*Procladius* sp	3		1	4	+
	Ablabesmyia sp	2			2	
	Tendipes (*Einfeldia*) *insolita*	25			25	
	Tendipes sp		3		3	
	Harnischia (*Harnischia*) *abortiva*	1			1	+
	Glyptotendipes sp		4		4	
	Palpomyia sp	1			1	
Gastropoda:	*Physa* sp		1	1	2	+
	Ferrissia sp					+
	Lymnaea sp					+
	Number of organisms (CV 111.9%)	79	18	7	104	
	Number of taxa (CV 39.8%)	9	6	4	12	9
	Diversity index, $\bar{d}$[d]	2.86				

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

RD 3-8: Organisms Collected from the Great Miami River

Great Miami River - 600150 - LWH[a]
Miamisburg, SR 725 - RM 67.7[b]
July 27 to September 9, 1976

	Taxa	East Bank		West Bank	
		Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	3270		156	
Bryozoa:	*Urnatella gracilis*			2	
Annelida:	Oligochaeta	983		8347	
Decapoda:	*Orconectes* sp		+		+
Ephemeroptera:	*Baetis* sp		+	2	+
Odonata:	*Argia* sp		+	36	+
	Coenagrionidae	2	+		+
Coleoptera:	*Peltodytes* sp		+		+
	Berosus sp	2			
Diptera:	*Pentaneura* sp			216	
	Ablabesmyia janta			36	
	Procladius sp		+		+
	Tendipes (Einfeldia) insolita	295		1477	
	Psectrocladius sp	47		936	
	Cricotopus bicinctus			108	
	Cricotopus sp		+		+
	Ferrissis sp	46	+	6	+
	Physa sp		+		+
	Number of organisms/sq.ft.	929		2264	
	Number of taxa	7	9	11	9
	Diversity index, $\bar{d}$[e]	1.22		1.33	

(a) Station name - STORET code - Beneficial use designation LWH (Limited Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-9: Organisms Collected fro the Great Miami River

Great Miami River - 600030 - WWH[a]
New Baltimore - RM 22.1[b]
June 8 to July 20, 1977

Taxa		Sampler 1	Sampler 2	Sampler 3	Total	Qualitative Sample[c]
Turbellaria:	Unidentified	3		6	9	
Bryozoa:	Urnatella gracilis		1		1	
	Plumatella repens		7		7	
Annelida:	Oligochaeta	89	25	144	258	
Odonata:	Argia sp	1			1	
Trichoptera:	Hydropschye orris		58		58	
	Hydropschye sp A		1		1	
	Hydropsyche sp B		6		6	
	Polycentropus sp	1			1	
Coleoptera:	Enochrus sp					+
Diptera:	Pentaneura sp	14	178	8	200	
	Ablabesmyia sp	6			6	
	Tendipes (Einfeldia) insolita	134	86	157	377	
	Glyptotendipes sp	3			3	
	Polypedilum (Pentapedilum) tritum	3	14	4	21	
	Polypedilum (Polypedilum) convictum		7		7	
	Tanytarsus (Tanytarsus) obediens	3			3	
	Cricotopus sp		7		7	
	Psectrocladius sp	3	42		45	
Gastropoda:	Ferrissia sp		1		1	+
	Physa sp			4	4	
	Number of organisms/sq.ft. (CV 25.9%)	260	433	323	1016	
	Number of taxa (CV 36.1%)	11	13	6	20	2
	Diversity index, $\bar{d}$[d]	2.47				

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

RD 3-10: Organisms Collected from the Great Miami River

Great Miami River - 600030 - WWH[a]
New Baltimore - RM 22.1[b]
July 26 to September 7, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Bryozoa:	Plumatella repens	1	+
Annelida:	Oligochaeta	874	
	Helobdella lineata		+
Decapoda:	Orconectes sp		+
Ephemeroptera:	Stenacron sp	8	+
	Stenonema pulchellum group	8	
	Baetis sp	86	+
Trichoptera:	Hydropsyche orris	3292	+
	Hydropsyche sp A	269	+
Coleoptera:	Stenelmis sp	8	
Diptera:	Pentaneura sp	1348	+
	Tendipes (Einfeldia) insolita	999	+
	Glyptotendipes sp	150	
	Polypedilum (Tripodura) scalaenum	100	
	Polypedilum (Pentapedilum) tritum	200	
	Psectrocladius sp	299	
Gastropoda:	Ferrissia sp	16	+
	Goniobasis sp		+
	Number of organisms/sq.ft.	1531	
	Number of taxa	15	11
	Diversity index, $\bar{d}$[e]	2.51	

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-11: Organisms Collected from the Mad River

Mad River - CWH, SNRW[a]
West Liberty - RM 54.9[b]
July 19 to August 31, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	12	
Turbellaria:	Unidentified	124	+
Nematoda:	Unidentified	1	
Annelida:	Oligochaeta	25	+
	Erpoldella sp	1	
Isopoda:	Lirceus sp	1	+
	Asellus sp	3	+
Amphipoda:	Hyalella azteca	45	+
	Crangonyx sp	2	
Decapoda:	Orconectes sp	2	+
Hydracarina:	Unidentified	4	
Ephemeroptera:	Stenacron interpunctatum	71	+
	Stenonema vicarium	35	
	Stenonema pulchellum group A	2	
	Tricorythodes sp	2	
	Baetis sp	17	+
	Centroptilum sp		+
Odonata:	Boyeria vinosa		+
	Coenagrionidae	2	
Hemiptera:	Sigara sp		+
Trichoptera:	Cheumatopsyche sp	38	
	Symphitopsyche bifida group	4	
	Hydropsyche sp A	1	
	Hydropsyche sp B	4	+
	Hydroptilidae	1	
	Helicopsyche sp	1	+
	Pycnopsyche sp	1	
Coleoptera:	Dubiraphia sp	2	+
	Optioservus sp	12	
	Hydroporus sp		+
	Enochrus sp		+
Diptera:	Eriocera sp		+

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	Taxa	Quantitative Sample(c)	Qualitative Sample(d)
Diptera: (Continued)	*Pentaneura* sp		+
	Pentaneura sp A	15	
	Pentaneura sp B	15	
	Pentaneura sp C	15	
	Pentaneura sp D	121	
	Procladius sp		+
	Paratendipes sp	30	
	Polypedilum sp	5	
	Calopsectra Rheotanytarsus group	984	
	Calopsectra Calopsectra group	151	
	Calopsectra group A	61	
	Microtendipes sp	15	
	Atrichopogon sp		+
	Empididae	5	
Gastropoda:	*Ferrissia* sp	9	
	Physa sp	20	+
	Goniobasis livescens	3	+
	Helisoma sp		+
	Menetus dilatatus buchanensis		+
Pelecypoda:	*Pisidium* sp		+
	Number of organisms/sq.ft.	374	
	Number of taxa	40	25
	Diversity index, $\bar{d}$(e)	2.92	

(a) Station name - Beneficial use designation CWH (Coldwater Habitat), SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-12: Organisms Collected from the Mad River

Mad River - SNRW[a]
Above Dayton, SR 235 - RM 9.9[b]
June 10 to July 22, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Coelenterata:	Hydra sp	1			1	
Turbellaria:	Unidentified	2	3		5	+
Annelida:	Oligochaeta	3	14	16	33	
	Helobdella stagnalis		1		1	
Isopoda:	Lirceus sp	1	1		2	
Decopoda:	Astacidae	1	1		2	
	Orconectes sp					+
Ephemeroptera:	Stenacron interpunctatum	18	40	12	70	+
	Stenonema pulchellum	22	6	10	38	+
	Baetis sp	14	22	18	54	
	Tricorythodes sp	33	118	97	248	+
Odonata:	Coenagrionidae	1			1	
	Argia sp			1	1	
Trichoptera:	Cheumatopsyche sp	8	22	5	35	+
	Symphitopsyche bifida group	32	3	6	41	+
	Hydroptilidae		1	1	2	
Coleoptera:	Dubiraphia sp		3	2	5	
	Ancyronyx variegata	3	3	1	7	+
	Macronychus glabratus	1	2	1	4	+
	Stenelmis sp	1			1	
Diptera:	Pentaneura sp	28	27	13	68	
	Labrundia sp		4		4	
	Tanytarsus (Endochironomus) sp	28	15	49	92	
	Tendipes sp	4		4	8	
	Glyptotendipes (Glyptotendipes) senilis			9	9	
	Polypedilum (Polypedilum) illinoense	7	73	67	147	+
	Microtendipes sp	4			4	
	Calopsectra Rheotanytarsus group	130	88	67	285	

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Taxa		Sampler 1	Sampler 2	Sampler 3	Total	Qualitative Sample[c]
	Cricotopus sp		4	9	13	
	Psectrocladius sp			4	4	
Gastropoda:	Ferrissia sp	2	9	13	24	+
	Physa sp			1	1	+
	Number of organisms (CV 14.4%)	344	460	406	1210	
	Number of taxa (CV 0%)	22	22	22	31	12
	Diversity index, $\bar{d}$[d]	3.48				

(a) Station name - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

RD 3-13: Organisms Collected from the Mad River

Mad River - SNRW[a]
Above Dayton, SR 235 - RM 9.9[b]
September 8 to October 20, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	*Hydra* sp	2	
Turbellaria:	Unidentified	52	+
Annelida:	Oligochaeta	334	+
Amphipoda:	*Crangonyx* sp	16	
Ephemeroptera:	*Stenonema pulchellum*	16	+
	Stenacron interpunctatum	66	
	Baetis sp	12	
	Caenis sp	8	
Trichoptera:	*Cheumatopsyche* sp	809	+
	Symphitopsyche bifida group	135	+
	Stenelmis sp	8	
	Ancyronyx variegata	4	
	Optioservus sp		+
Diptera:	Simuliidae	2	
	Pentaneura sp		+
	Pentaneura sp A	74	
	Pentaneura sp B	43	
	Cryptochironomus sp		+
	Polypedilum (Pentapedilum) tritum	108	
	Polypedilum (Polypedilum) fallax	22	
	Calopsectra Rheotanytarsus group	477	
	Cricotopus exilis	43	+
	Ferrissia sp	20	
	Number of organisms/sq.ft.	450	
	Number of taxa	20	9
	Diversity index, $\bar{d}$[e]	2.95	

(a) Station name - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-14. Organisms Collected From Mud Creek

Mud Creek - WWH[a]
Below I-70 - RM 1.4[b]
July 8, to August 19, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	4	+
Nematoda:	Unidentified	4	
Bryozoa:	Unidentified		+
Annelida:	Oligochaeta	1800	+
	Helobdella stagnalis		+
	Dina sp		+
	Hirudinea	12	
Isopoda:	*Lirceus fontinalis*	20	+
Decapoda:	*Orconectes* sp	1	
Ephemeroptera:	*Stenacron* sp	12	+
	Baetis sp	48	+
	Caenis sp	8	
Odonata:	*Enallagma* (?) sp		+
Hempitera:	*Hesperocorixa* sp		+
Trichoptera:	*Symphitopsyche* bifida group		+
	Cheumatopsyche sp	16	+
Coleoptera:	*Dubiraphia* sp	8	
Diptera:	*Calopsectra* sp A	901	
	Calopsectra sp B	721	
	Calopsectra sp C	360	
	Tanypus sp		+
	Pentaneura sp	36	
	Procladius sp		+
	Psectrocladius sp	65	
	Cricotopus sp	36	
	Corynoneura sp	8	

(Continued on next page)

RD 3-14: Continued

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Diptera: (Continued)	*Thienemanniella* sp	32	
	Glyptotendipes senilis	32	
	Polypedilum fallax	96	
	Empididae	24	
Gastropoda:	*Ferrissia* sp	4	+
	Number of organisms/sq. ft.	850	
	Number of taxa[e]	23	15
	Diversity index, $\bar{d}$[e]	2.49	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-15: Organisms Collected from the Stillwater River

Stillwater River - SNRW[a]
Dayton, Wilbur Street - RM 1.9[b]
June 9 to July 21, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	14	
Turbellaria:	Unidentified		+
Bryozoa:	Plumatella repens	8	
Annelida:	Oligochaeta	16	
	Branchiura sowerbyii		+
Decapoda:	Orconectes sp		+
Ephemeroptera:	Stenacron interpunctatum	360	+
	Stenonema pulchellum	199	
	Baetis sp	9	
	Caenis sp	11	+
	Pseudocloeon	32	
	Tricorythodes sp	68	+
Odonata:	Argia sp	4	
	Enallagma sp		+
	Ischnura sp	1	+
Trichoptera:	Cheumatopsyche sp	330	
	Hydropsyche sp	28	
	Potamyia flava	6	
Coleoptera:	Stenelmis sp		+
Diptera:	Ablabesmyia sp	13	
	Pentaneura sp	108	
	Glyptotendipes senilis	13	
	Glyptotendipes sp	174	+
	Polypedilum (Polypedilum) convictum		+
	Tendipes (Limnochironomus) nervosus	13	
	Microtendipes sp	13	
	Calopsectra sp	320	
	Cricotopus sp	13	
Gastropoda:	Pleurocera sp	10	+

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Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Number of organisms/sq.ft.	353	
Number of taxa	23	12
Diversity index, $\bar{d}$[e]	3.27	

(a) Station name - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-16: Organisms Collected from the Stillwater River

Stillwater River - SNRW[a]
Dayton, Wilbur Street - RM 1.9[b]
July 27 to September 9, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	40	
Turbellaria:	Unidentified	2	
Nematoda:	Unidentified	1	
Annelida:	Oligochaeta	25	
Amphipoda:	Hyalella azteca		+
Decapoda:	Astacidae		+
Ephemeroptera:	Stenonema pulchellum group	412	+
	Stenacron sp	314	
	Caenis sp	34	
	Tricorythodes sp	9	
	Baetis sp	165	+
Odonata:	Argia sp	1	+
	Hetaerina sp		+
Hemiptera:	Trichocorixa sp		+
Trichoptera:	Cheumatopsyche sp	352	+
	Symphitopsyche bifida group	57	+
	Hydropsyche orris	3	
	Hydropsyche sp A	6	
	Polycentropus sp	6	
	Hydroptila sp	5	
Coleoptera:	Macronychus glabratus	4	
	Stenelmis sp		+
Diptera:	Pentaneura sp A	30	
	Pentaneura sp B	30	
	Pentaneura sp C	10	
	Tendipes (Einfeldia) insolita	10	
	Glyptotendipes sp	91	
	Polypedilum sp	50	+
	Polypedilum (Polypedilum) fallax	10	
	Microtendipes sp	20	
	Calopsectra Rheotanytarsus group	596	
	Cricotopus sp	10	

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	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Gastropoda:	Pleurocera acuta	4	+
	Goniobasis livescens	61	+
Pelecypoda:	Sphaerium sp		+
	Number of organisms/sq.ft.	472	
	Number of taxa	29	14
	Diversity index, $\bar{d}$[e]	3.33	

(a) Station name - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-17: Organisms Collected from Sevenmile Creek

Sevenmile Creek - WWH[a]
Below Eaton - RM 23.2[b]
May 31 to July 12, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Annelida:	Oligochaeta	11	
	Erpobdella punctata		+
	Glossiphoniidae		+
Isopoda:	Lirceus sp	38	+
Amphipoda:	Hyalella azteca		+
Ephemeroptera:	Stenacron interpunctatum	1	
	Stenonema tripunctatum	4	
	Stenonema femoratum	3	
Hempitera:	Sigara sp		+
Coleoptera:	Dubiraphia sp	1	
	Psephenus herriki	1	
	Ectopria sp		+
	Hydrochus sp		+
	Hydrobius sp		+
Diptera:	Simuliidae		+
	Pentaneura sp	17	
	Ablabesmyia sp	50	
	Polypedilum (Polypedilum) fallax	168	
	Polypedilum (Tripodura) scalaenum	17	+
	Tendipes (Limnochironomus) sp	202	
	Tendipes (Kiefferulus) tenipediformis	319	
	Glyptotendipes (Glyptotendipes) senilis	34	
	Tanytarsus (Endochironomus) subtendens	50	
	Cricotopus sp	17	

(Continued on next page)

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Gastropoda:	*Physa* sp	29	+
	Pleurocera sp	2	
	Number of organisms/sq. ft.	193	
	Number of taxa[e]	18	11
	Diversity index, $\bar{d}$[e]	2.88	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-18: Organisms Collected from Sevenmile Creek

Sevenmile Creek - WWH[a]
Below Eaton - RM 23.2[b]
July 2 to August 13, 1975

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	*Hydra* sp	12	
Turbellaria:	Unidentified	44	+
Nematoda:	Unidentified	2	
Annelida:	Oligochaeta	56	
Isopoda:	*Asellus* sp	4	
Amphipoda:	*Hyalella azteca*		+
Ephemeroptera:	*Stenacron* sp	40	+
	Stenonema femoratum group	4	
Odonata:	*Agrion* sp	4	
Hempitera:	*Sigara* sp		+
Trichoptera:	*Cheumatopsyche* sp		+
	Symphitopsyche sp		+
	Agraylea sp	4	
Coleoptera:	*Berosus* sp	4	
	Stenelmis sp	2	+
	Psephenus sp		+
Diptera:	*Pentaneura* sp	162	+
	Pentaneura basalis	22	+
	Pentaneura nr. *pilosella*	7	
	Tendipes sp		+
	Glyptotendipes (*Glyptotendipes*) *senilis*	66	
	Paratendipes sp	7	
	Tanytarsus (*Tanytarsus*) *obediens*	22	+
	Polypedilum sp	103	
	Polypedilum (*Polypedilum*) *fallax*	74	
	Calopspectra sp	44	

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	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Gastropoda:	*Physa* sp	4	
	Number of organisms/sq. ft.	137	
	Number of taxa[e]	21	12
	Diversity index, $\overline{d}$[e]	3.48	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-19: Organisms Collected from the Little Miami River

Little Miami River - 600570 - EWH[a]
Near Oldtown - RM 80.0[b]
July 20 to August 30, 1978

Taxa		Sampler 1	2	3	Total	Qualitative sample[c]
Coelenterata:	Hydra sp	44	3	71	118	
Nematoda:	Unidentified			1	1	
Annelida:	Oligochaeta			3	3	
	Hirudinea	1			1	
Decapoda:	Orconectes sp					+
Ephemeroptera:	Stenacron interpunctatum	75	39	79	193	+
	Stenonema pulchellum	19	14	15	48	
	Stenonema bipunctatum		2		2	
	Baetinae			1	1	
	Baetis sp	2	3		5	
	Isonychia sp	1			1	
	Caenis sp	12	43	47	102	
	Tricorythodes sp	5	3	1	9	
	Ephemera simulans	6	17	11	34	+
	Hexagenia limbata					+
Odonata:	Gomphus sp					+
	Coenagrionidae		1	2	3	
	Agrion sp			1	1	
Trichoptera:	Psychomyiidae			2	2	
Coleoptera:	Psephenus herriki					+
Diptera:	Pentaneura sp	5	13	9	27	
	Ablabesmyia sp	5		2	7	
	Microtendipes sp		46	20	66	
	Paratendipes sp	5	4	3	12	
	Tendipes (Limnochironomus) nervosus		4	5	9	
	Tendipes sp			2	2	
	Polypedilum (Polypedilum) fallax	5	6	10	21	
	Polypedilum sp		8		8	
	Calopsectra Atanytarsus group	5	4	3	12	
	Calopsectra Calopsectra group		6	9	15	
	Psectrocladius sp			2	2	

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Taxa		Sampler 1	Sampler 2	Sampler 3	Total	Qualitative sample[c]
Diptera: (Continued)	Cricotopus sp		4	2	6	
	Corynoneura sp			2	2	
Gastropoda:	Ferrissia sp		1		1	
	Pleurocera sp		1		1	+
	Goniobasis sp		2	1	3	+
Pelecypoda:	Sphaerium sp					+
	Number of organisms (CV 24.7%)	190	223	305	718	
	Number of taxa (CV 30.0%)	14	20	26	32	9
	Diversity index, $\bar{d}$[d]	3.46				

(a) Station name - STORET code - Beneficial use designation EWH (Exceptional Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

RD 3-20: Organisms Collected from the Little Miami River

Little Miami River - 600570 - EWH[a]
Oldtown, below SR 235 - RM 80.0[b]
June 10 to July 22, 1977

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Bryozoa:	Plumatella sp	3	
Annelida:	Oligochaeta	1	
	Branchiobdellidae		+
Decapoda:	Orconectes sp	3	+
Ephemeroptera:	Stenacron interpunctatum	79	
	Stenonema pulchellum	273	+
	Stenonema bipunctatum	6	
	Baetis sp	4	
	Caenis sp	10	+
	Isonychia sp	26	+
	Tricorythodes sp	4	
	Potamanthus sp	2	
Odonata:	Coenagrionidae	3	
Hemiptera:	Gerris sp		+
Trichoptera:	Cheumatopsyche sp	40	+
	Hydropsyche sp	16	+
	Potamyia flava		+
	Neureclipsis sp	3	
Coleoptera:	Dubiraphia bivittata	2	+
	Ancyronyx variegata	1	
	Optioservus sp	1	
	Enochrus sp		+
Diptera:	Pentaneura sp	30	
	Polypedilum (Polypedilum) convictum	41	
	Polypedilum (Polypedilum) fallax	41	
	Microtendipes sp	61	+
	Glyptotendipes senilis	30	
	Tendipes (Limnochironomus) nervous	10	
	Tendipes (Tendipes) riparius	30	
	Calopsectra sp	81	
Gastropoda:	Pleurocera sp	1	+
	Physa sp	2	

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Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Number of organisms/sq. ft.	161	
Number of taxa	28	13
Diversity index, $\bar{d}$[e]	3.45	

(a) Station name - STORET code - Beneficial use designation EWH (Exceptional Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-21: Organisms Collected from the Little Miami River

Little Miami River - SNRW[a]
Spring Valley, above SR 42 - RM 63.4[b]
June 10 to July 22, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Coelenterata:	Hydra sp	8	10	39	57	
Turbellaria:	Unidentified	4	8	3	15	
Annelida:	Oligochaeta	27	21	16	64	
Amphipoda:	Hyalella azteca					+
	Crangonyx sp			1	1	
Decapoda:	Astacidae					+
Ephemeroptera:	Stenacron interpunctatum	11	2	2	15	
	Baetis sp	4	3	3	10	
Odonata:	Coenagrionidae			1	1	+
Colepotera:	Peltodytes sp					+
	Laccophilus sp					+
	Laccobius sp					+
	Dubiraphia sp	1			1	
	Ancyronyx variegata	2	1		3	+
	Macronychus glabratus	1			1	
Diptera:	Simuliidae		1		1	
	Ablabesmyia sp		30	38	68	+
	Ablabesmyia sp A	5			5	
	Ablabesmyia sp B	10			10	
	Pentaneura sp	47	23	31	101	
	Procladius sp	5	23	19	47	
	Tendipes sp	5		6	11	
	Tendipes (Einfeldia) insolita	38	55	50	143	+
	Cryptochironomus sp					+
	Glyptotendipes sp		7		7	
	Harnischia (Cladopelma) nais	5			5	
	Polypedilum (Polypedilum) convictum	33	7	31	71	+
	Polypedilum (Polypedilum) fallax	38	55	38	131	
	Calopsectra Rheotanytarsus group	24			24	
	Calopsectra Calopsectra group	5			5	

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Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
	Psectrocladius sp	24	46	50	120	
	Cricotopus bicinctus	28		6	34	
	Trichocladius sp			6	6	
	Ceratopogonidae		3		3	
Gastropoda:	Ferrissia sp	6	2	2	10	
	Physa sp		4		4	
	Number of organisms (CV 6.5%)	331	301	342	974	
	Number ot taxa (CV 12.0%)	22	18	18	30	11
	Diversity index, $\bar{d}$ [d]	3.87				

(a) Station name - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

RD 3-22: Organisms Collected from the Little Miami River

Little Miami River - 600520 - SNRW[a]
Milford, U.S. 50 - RM 13.3[b]
July 26 to September 7, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	60	+
Bryozoa:	*Plumatella repens*	3	
Annelida:	*Oligochaeta*		+
Decapoda:	*Orconectes* sp		+
Hydracarina:	*Unidentified*		+
Ephemeroptera:	*Stenonema pulchellum*	143	
	Stenonema pulchellum group		+
	Stenacron sp		+
	Baetis sp	1831	+
	Isonychia sp	6	+
Trichoptera:	*Cheumatopsyche* sp	163	+
	Symphitopsyche bifida group	2028	
	Hydropsyche orris	72	
	Hydropsyche sp A	27	
	Psychomyia sp	1	
	Hydroptilidae	2	
Lepidoptera:	*Paragyractis* sp	17	
Coleoptera:	*Macronychus glabratus*	7	
Diptera:	*Simulium* sp	44	
	Pentaneura sp A	18	
	Pentaneura sp B	2	
	Glyptotendipes sp	4	
	Glyptotendipes (*Glyptotendipes*) *senilis*	2	
	Polypedilum sp	32	
	Calopsectra Rheotanytarsus group	81	
	Calopsectra sp A	2	
	Cricotopus sp	17	
	Cardiocladius sp	6	
	Psectrocladius sp	2	
	Corynoneura sp	2	
	Empididae	1	

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	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Gastropoda:	*Ferrissia* sp	1	
	Goniobasis sp		+
	Number of organisms/sq.ft.	915	
	Number of taxa	27	10
	Diversity index, $\bar{d}$[e]	2.00	

(a) Station name - STORET code - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-23: Organisms Collected from Mill Creek

Mill Creek - 600430 - LWH, SCR[a]
Cincinnati, Guest Road - RM 0.6[b]
June to July 20, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Annelida:	Oligochaeta	256	+
Diptera:	*Glyptotendipes senilis*	2	
	Calospectra sp	1	
	Number of organisms/sq.ft.	52	
	Number of taxa	3	1
	Diversity index, $\bar{d}$[e]	0.07	

(a) Station name - STORET code - Beneficial use designation LWH (Limited Warmwater Habitat), SCR (Secondary Contact Recreation).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-24: Organisms Collected from Ohio Brush Creek

Ohio Brush Creek - 600650 - EWH[a]
Near West Union - RM 16.5[b]
August 4 to September 15, 1978

Taxa		Sampler 1	2	3	Total	Qualitative sample[c]
Porifera:	Spongilla lacustris					+
Coelenterata:	Hydra sp	5	4	6	15	
Bryozoa:	Plumatella repens	2	1		3	
Annelida:	Oligochaeta	16	21	9	46	
	Placobdella phalera					+
	Placobdella sp					+
Amphipoda:	Hyalella azteca					+
Decapoda:	Orconectes sp					+
Ephemeroptera:	Stenacron interpunctatum	25	108	67	200	+
	Stenonema tripunctatum	7	1	3	11	+
	Stenonema pulchellum	28	6	18	52	+
	Paralepthophlebia sp	4	2		6	
	Caenis sp	37	43	25	105	
	Tricorythodes sp	8	1		9	
	Centroptilum sp		1		1	
	Baetis sp		2	3	5	
	Hexagenia recurvata		1	1	2	
	Potamanthus sp			1	1	
Odonata:	Dromogomphus sp					+
	Boyeria vinosa					+
	Epicordulia sp			1	1	
	Libellulinae					+
	Argia sp	3	1		4	+
	Enallagma sp					+
	Ischnura sp					+
	Agrion sp					+
Plecoptera:	Acroneuria arida		2	1	3	+
	Neoperla clymene					+
Megaloptera:	Corydalus sp	1			1	+
	Nigronia sp					+
	Sialis sp					+

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Taxa		Sampler 1	2	3	Total	Qualitative sample[c]
Trichoptera:	Cheumatopsyche sp					+
	Hydropsyche sp			1	1	
	Polycentropus sp	2	1	5	8	
	Ceraclea sp					+
Coleoptera:	Helichus sp			1	1	+
	Stenelmis sp			1	1	+
	Dubiraphia vittata	2	2	3	7	+
	Ancyronx variegata	2	5	16	23	
	Elmidae		1		1	
	Psephenus herriki					+
	Dineutus sp					+
	Berosus sp					+
Diptera:	Coelotanypus sp			7	7	+
	Pentaneura sp	45	14	24	83	
	Ablabesmyia sp	7	2	2	11	
	Procladius sp	2			2	
	Glyptotendipes (Glyptotendipes) senilis	34	26	19	79	
	Glyptotendipes (Phytotendipes) lobiformes		7		7	
	Tanytarsus (Endochironomus) subtendens	24	33	20	77	
	Tendipes sp		2		2	
	Polypedilum sp	4	2	2	8	
	Polypedilum (Polypedilum) fallax		12	2	14	
	Polypedilum (Polypedilum) illinoense	7			7	+
	Cricotopus sp	4	12	7	23	
	Psectrocladius sp			2	2	
	Calopsectra Atanytarsus group	10	5	12	27	+
	Calopsectra Calopsectra group	38	87	14	139	
	Calopsectra Lauterbornia group	4			4	
Gastropoda:	Physa sp					+
	Goniobasis sp					+
	Pleurocera sp	1	1		2	+

(Continued on next page)

Taxa	Sampler 1	Sampler 2	Sampler 3	Total	Qualitative sample[c]
Number of organisms (CV 20.2%)	322	406	273	1001	
Number of taxa (CV 7.1%)	26	30	28	41	33
Diversity index, $\bar{d}$[d]	3.95				

(a) Station name - STORET code - Beneficial use designation EWH (Exceptional Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

Taxa	Sampler 1	Sampler 2	Sampler 3	Total	Qualitative sample[c]
Number of organisms (CV 20.2%)	322	406	273	1001	
Number of taxa (CV 7.1%)	26	30	28	41	33
Diversity index, $\bar{d}$[d]	3.95				

(a) Station name - STORET code - Beneficial use designation EWH (Exceptional Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

RD 3-25: Organisms Collected from Three Stations on the Little Scioto River[a]

Little Scioto River - WWH[b]
September 12 to October 24, 1977

Taxa		Station (RM)[c] 9.3	4.4	2.1
Coelenterata:	Hydra sp	50		
Bryozoa:	Plumatella repens	+		
Annelida:	Oligochaeta	30 +	23 +	37
	Erpobdella sp			+
Decapoda:	Orconectes sp	2 +		1 +
Ephemeroptera:	Stenacron interpunctatum	218 +		+
	Stenonema pulchellum group	23 +		
	Caenis sp	90 +		
	Baetis sp	270 +		
Odonata:	Argia sp	4	67 +	11 +
	Ischnura sp			6 +
Hempitera:	Corixidae			+
Trichoptera:	Hydropsyche sp	11 +		
	Cheumatopsyche sp	154 +		
Coleoptera:	Macronychus glabratus	2		
	Dubiraphia sp	1		
	Stenelmis sp	3		
	Helichus sp	2		
	Psephenus herriki	+		
	Hydroporus sp	1		
Diptera:	Simulidae			+
	Pentaneura sp	78	443	277 +
	Ablabesmyia sp			17
	Procladius sp		78 +	50
	Microtendipes sp	359		
	Cryptochironomus sp	11		

(Continued on next page)

	Taxa	Station (RM)[c] 9.3	4.4	2.1
Diptera: (Continued)	Polypedilum (Polypedilum) fallax	11		34
	Polypedilum (Polypedilum) scalaenum		16	
	Polypedilum (Polypedilum) tritum			8
	Tendipes (Limnochironomus) nervosus	22		17
	Tendipes (Limnochironomus) sp		8	34
	Glyptotendipes (Glyptotendipes) senilis			17
	Tanytarsus (Tribelos) fuscicornis		16	
	Tanytarsus (Tribelos) jucundus			8
	Calopspectra Rheotanytarsus group	22		
	Calopspectra Calopspectra group	22		
	Cricotopus sp		32	17 +
	Phaenospectra sp		32	8
Gastropoda:	Physa sp		333 +	30 +
	Ferrissia sp		3	177 +
	Gyraulus sp			75
	Helisoma sp		+	+
	Pleurocera sp	1 +		
	Number of organisms/sq. ft.	277	210	165
	Number of taxa[d]	23	11	18
	Diversity index, $\bar{d}$[d]	3.17	2.27	3.12
	Sampler/site	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation WWH (Warmwater Habitat). The Marion STP discharge is located at RM 6.4.
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-26: Organisms Collected from Three Stations on the Little Scioto River[a]

Little Scioto River - WWH[b]
September 23 to November 4, 1976

Taxa		Station (RM)[c] 9.3	4.4	2.1
Coelenterata:	Hydra sp	35	1	
Turbellaria:	Unidentified	2 +	+	
Annelida:	Oligochaeta	46		
Amphipoda:	Hyalella azteca	1		
Ephemeroptera:	Stenacron sp	14 +	1	
	Stenonema pulchellum group	3 +		
	~~Baetis sp~~ Baetidae	64	1	
Odonata:	Argia sp	1	3	
Trichoptera:	Cheumatopsyche sp	14 +		
	~~Symphitopsyche~~ bifida group Ceratopsyche	9 +	monosa gr	
	Hydropsyche sp	+		
Coleoptera:	Stenelmis sp	+		
Diptera:	Simulium sp	4		
	~~Pentaneura sp~~ Tanypodinae	21	202	108 +
	Ablabesmyia sp	10		42
	Ablabesmyia sp A add to		53	
	Ablabesmyia sp B		35	
	Procladius sp		26 +	42 +
	~~Tendipes sp~~ Chironominae	55	9 +	12
	~~Tanytarsus (Endochironomus) sp~~ Chironomini		35	
	~~Tanytarsus~~ (Stictochironomus) sp	132		
	Polypedilum sp	21	61	54
	~~Calopspectra sp~~ Tanytarsini	10		
	Microtendipes sp	621		
	Brillia	10		
	Corynoneura sp	21		

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Taxa		Station (RM)[c] 9.3	4.4	2.1
Diptera: (Continued)	Cricotopus sp	10		
	~~Psectrocladius sp~~ orthocladiinae		88	12
Gastropoda:	Physa sp	13 +	2427 +	135 +
	Ferrissia sp		6	8
	~~Helisoma trivolvis~~ planorbella sp.		10 +	4
	Gyraulus parvus		8	102 +
	~~Goniobasis sp~~ Elimia sp.	+		
	Number of organisms/sq. ft.	223	593	104
	Number of taxa[d]	22	16	10
	Diversity index, $\bar{d}$[d]	2.57	1.19	2.76
	Sampler/site	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation WWH (Warmwater Habitat). The Marion STP discharge is located at RM 6.4.
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-27: Organisms Collected from Three Stations on the Little Scioto River[a]

Little Scioto River - WWH[b]
July 8 to August 19, 1974

	Taxa	Station (RM)[c] 9.3	4.4	2.1
Coelenterata:	Hydra sp	6		
Bryozoa:	Plumatella ~~repens~~ sp.	+		
Annelida:	Oligochaeta	73	376 +	5052 +
Amphipoda:	Hyalella azteca	4 +		
Decapoda:	Orconectes sp	1		
Odonata:	Nasiaeschna sp	+		
	Argia sp	4		
Hempitera:	Corixidae	+		+
Coleoptera:	Peltodytes sp			+
	Macronychus glabratus	+		
	Ancyronyx variegata	+		
	Dubiraphia sp	+		
	~~Cyphon sp~~ scirtidae	+		
	Helophorus sp	+		
	Dytiscidae			+
Diptera:	Tendipes sp Chironominae	142 +	+	244 +
	~~Anatopynia~~ (Psectrotanypus) dyari		+	32 +
	Glyptotendipes sp	548 +		
	~~Tanytarsus sp~~ Chironomini	+		
	Polypedilum sp	+		
	~~Harischia abortiva~~ Parachironomus sp.	20 +		
	~~Tendipes (Einfeldia) insolita~~ Dicrotendipes sp.	265		
	Ablabesmyia sp	20		
	~~Harnischia tenuicaudata~~ Kiefferulus sp.	62		
	~~Calopspectra sp~~ Tanytarsini		4	
	Tipula sp	+		
	~~Culicoides(?) sp~~ Culicidae	1		

(Continued on next page)

RD 3-27: Continued

Taxa		Station (RM)[c] 9.3	4.4	2.1
Gastropoda:	~~Physa sp~~ Physella sp.			17 +
	Number of organisms/sq. ft.	229	76	1069
	Number of taxa[d]	12	2	4
	Diversity index, $\bar{d}$[d]	2.17	0.08	0.35
	Sampler/site	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation WWH (Warmwater Habitat). The Marion STP discharge is located at RM 6.4.
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-28: Organisms Collected from Six Stations on Mill Creek[a]

Mill Creek - SNRW, WWH[b]
June 6 to July 17, 1978

Taxa		Station (RM)[c] 24.8	16.8	12.2	11.6	7.1	1.7
Coelenterata:	Hydra sp	159	8		3	1	24
Turbellaria:	Unidentified	8		2	23 +		1 +
Bryozoa:	Plumatella repens	8		1	2 +		8
Annelida:	Oligochaeta	12	55	58	77	2	1
	Placobdella ornata	+	+				
	Placobdella parasitica			+			
	Dina sp				+		
Isopoda:	Asellus sp			3	1 +	+	
Amphipoda:	Hyalella azteca		1			+	+
	Crangonyx sp				1		
Decapoda:	Orconectes illinoiensis				+		
	Orconectes sp	1 +	+	1 +		+	
	Astacidae	2	1			2	1 +
Ephemeroptera:	Stenacron interpunctatum	185 +	3 +	255 +	66 +	64 +	646 +
	Stenonema tripunctatum	9	+	+			1
	Stenonema femoratum				+		
	Baetis sp	+			1 +		+
	Callibaetis sp		1				
	Cloeon sp	22					
	Caenis sp	62 +	1	60 +	86 +	8	5
	Hexagenia sp	+					
Odonata:	Boyeria vinosa	+					
	Anax sp		+				
	Enallagma sp			+			
	Coenagrionidae	6	1 +	1	27 +	12 +	1 +

(Continued on next page)

	Taxa	Station (RM)[c] 24.8	16.8	12.2	11.6	7.1	1.7	
Hempitera:	Ranatra sp		+					+
	Belastoma sp					+		
	Sigara sp					+		
	Corixidae				+			
Megaloptera:	Sialis sp		+	2				
Trichoptera:	Cheumatopsyche sp		+		+	+		
	Hydropsyche sp						1	+
	Symphitopsyche bifida group							+
	Chimarra obscura							+
	Polycentropus sp A	7	+					
	Polycentropus sp B	1						
Lepidoptera:	Paragyractis sp		+					
Coleoptera:	Macronychus glabratus	4						
	Dubiraphia sp	1		1	+	2	+	1		+
	Stenelmis sp		+		+			+	1	+
	Cyphon sp		+							
	Psephenus herriki		+					+		+
	Laccodytes sp			+						
	Paracymus sp				+					
	Tropisternus sp					+				
Diptera:	Procladius sp	10	50	26	32	+	10		
	Pentaneura sp	39	178	16	+	18	2	8	
	Ablabesmyia sp	21	23	10	19	20	23	
	Tendipes sp	9	124		19			
	Tendipes (Einfeldia) insolita		311	9	262	42	22	
	Glyptotendipes (Glyptotendipes) senilis	110	9	13	40	10	15	
	Glyptotendipes sp	11		17	8	14	7	+
	Polypedilum sp		614	29	9		7	+
	Polypedilum (Polypedilum) fallax	20	155	8	2	2	25	

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	Taxa	Station (RM)[c] 24.8	16.8	12.2	11.6	7.1	1.7
Diptera: (Continued)	Polypedilum (Polypedilum) convictum		+				
	Paratendipes sp	36					6
	Cryptochironomus sp				+		+ 2
	Tanytarsus (Tribelos) sp			4	+		
	Microtendipes sp	74				2	4
	Nilotanypus sp	3					
	Harnischia (Cladopelma) nais						13
	Calopspectra Atanytarsus group	31	128		153		4
	Calopspectra Micropspectra group	40			23	4	4
	Psectrocladius sp	7	77			14	3
	Cricotopus bicinctus		9				
	Cricotopus sp	21					
	Corynoneura sp	3			2		
	Ceratopogonidae	2	1			1	
	Empididae	1					
	Simuliidae				+		
Gastropoda:	Ferrissia sp	3		34	167	+ 23	8
	Physa sp		2	+	71	+ 1	4
	Goniobasis livescens	6	+				+ 4 +
	Lymnaea columella						+
Pelecypoda:	Sphaerium sp		+		+	+	+ +

(Continued on next page)

Taxa	Station (RM)[c] 24.8	16.8	12.2	11.6	7.1	1.7
Number of organisms/sq. ft.	187	350	110	278	47	212
Number of taxa[d]	34	21	20	25	20	28
Diversity index, $\bar{d}$[d]	3.90	2.87	2.82	3.51	3.26	1.78
Sampler/site	5	5	5	4	5	4

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation SNRW (State and National Resource Water), WWH (Warmwater Habitat). The Ray Lewis and Marysville STP discharges are located at RM 18.3.
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-29: Organisms Collected from ee Stations on Whetstone Creek

Whetstone Creek - WWH[a]
September 13 to October 15, 1973

Taxa		Station (RM)[b] 25.8	21.2	16.2
Coelenterata:	Hydra sp	42	14	1
Turbellaria:	Unidentified		1	
Nematoda:	Unidentified		1	1
Annelida:	Oligochaeta	42	3270	87
Amphipoda:	Hyalella azteca	2		
Decapoda:	Orconectes sp		2	
Hydracarina:	Unidentified	1		
Ephemeroptera:	Stenacron sp	17	5	14
	Stenonema tripunctatum group	1	10	
	Caenis sp	2		73
	Baetis sp		1	
	Paraleptophlebia sp	35	3	3
	Neocloeon sp		2	2
	Hexagenia sp			2
Odonata:	Argia sp			1
	Agrion sp			2
	Coenagrionidae		1	2
Trichoptera:	Cheumatopsyche sp			2
	Neureclipsis sp			21
Coleoptera:	Dubiraphia sp	1		2
	Ancyronyx variegata			1
Diptera:	Procladius sp	2		19
	Ablabesmyia sp	10	6	9
	Pentaneura sp	62	6	129
	Cryptochironomus sp	2	2	9
	Glyptotendipes senilis	34	28	605
	Glyptotendipes sp		24	
	Tendipes sp	54	174	4

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Taxa		Station (RM)[b] 25.8	21.2	16.2
Diptera: (Continued)	Polypedilum fallax	4	10	13
	Polypedilum sp	2	2	8
	Tanytarsus (Tribelos) sp	38	4	
	Tanytarsus sp			16
	Microtendipes sp	90		
	Calopspectra sp	40	30	20
	Corynoneura sp	16	1	13
	Brillia sp		4	
	Cricotopus sp	2	2	53
	Psectrocladius sp		7	
	Tendipedidae	5		2
	Empididae	2		7
Gastropoda:	Physa sp		1	1
	Ferrissia sp	3	6	7
	Goniobasis sp			1
	Number of organisms/sq. ft.	102	723	226
	Number of taxa	25	27	32
	Diversity index, $\bar{d}$	3.71	0.74	2.67
	Sampler/site	5	5	5

(a) Station location - Beneficial use designation WWH (Warmwater Habitat). The Mt. Gilead STP discharge is located at RM 21.7. The Koering discharge is located at RM 21.4.

(b) RM (river mile).

RD 3-30: Organisms Collected from Three Stations on the Olentangy River[a]

Olentangy River - (SNRW)[b]
July 8 to August 19, 1977

Taxa		Station (RM)[c] 28.3	22.5	18.3
Coelenterata:	Hydra sp	13	643	130
Turbellaria:	Unidentified		171	57
Bryozoa:	Plumatella repens		2	
Annelida:	Oligochaeta	8	41	46
Isopoda:	Lirceus sp		+	+
Amphipoda:	Hyalella azteca		+	4+
Decapoda:	Orconectes sp	+	+	+
Ephemeroptera:	Stenacron interpunctatum	441+	1356+	222+
	Stenonema tripunctatum			7
	Stenonema pulchellum		18	
	Stenonema quinquespinum	51		
	Baetis sp	5	7	
	Caenis sp	49	42	131
	Tricorythodes sp	28+	246	97+
	Potomanthus sp			3+
Odonata:	Argia sp	20	+	11
	Enallagma sp	+	+	3+
Hemiptera:	Sigara sp	+		
	Ranatra sp	+	+	
	Belostoma sp		+	
	Mesovelia sp	+	+	
Trichoptera:	Hydropsyche sp		4	
	Cheumatopsyche sp	45	11	
	Polycentropus sp		6	46+
Lepidoptera:	Pargyractis sp			+
Coleoptera:	Dubiraphia sp	4	5	
	Stenelmis sp	+		4
	Ancyronx variegata			+
	Psephenus herriki		+	+
	Cybister sp			+
	Berosus sp			1
	Tropisternus sp		+	

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	Hydrochus	+	+	
	Hydrobius sp		+	
	Peltodytes sp	+	+	+
Diptera:	Eucorethra sp	+		
	Pentaneura sp	56	22	21
	Ablabesmyia sp		11	
	Polypedilum (Polypedilum) fallax	22		
	Polypedilum (Tripodura) scalaenum	34+		
	Tendipes (Limnochironomus) nervosus		76	145
	Tendipes (Limnochironomus) sp		11	41
	Tendipes (Limnochironomus) neomodestus			269
	Glyptotendipes (Glyptotendipes) senilis	191	43	497
	Tanytarsus (Tribelos) jucundus	90		21
	Tanytarsus (Endochironomus) subtendens		11	
	Microtendipes sp	11		21
	Cryptochironomus sp		11	
	Calopsectra Atanytarsus group	135		21
	Calopsectra Rheotanytarsus group	11		
	Calopsectra Calopsectra group	34	33	21
	Cricotopus sp		11	
	Ceratopogonidae	2		2
Gastropoda:	Ferrissia sp	2+	2+	1
	Pleurocera sp		20+	
	Physa sp			4
	Number of organisms/sq.ft.	250	561	365
	Number of taxa(d)	21	24	26
	Diversity index, $\bar{d}$(d)	3.23	2.46	3.44
	Samplers/site	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated by a +.
(b) Station location - Beneficial use designation SNRW (State and National Resource Water). The Delaware STP discharge is located at RM 24.85.
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-31: Organisms Collected from Thr Stations on Big Darby Creek[a]

Big Darby Creek - EWH, SNRW[b]
June 26 to August 7, 1975

Taxa		Station (RM)[c] 54.2	53.2	52.4
Coelenterata:	Hydra sp	3	6	
Platyhelminthes:	Tricladida	6	1	
Bryozoa:	Urnatella gracilis	2	1	1
	Plumatella repens		5 +	1
Oligochaeta:	Unidentified	1	1	6
Isopoda:	Asellus sp			2
Amphipoda:	Hyalella azteca	1 +	4 +	1 +
Decapoda:	Orconectes sp	2 +	2	2
	Astacidae		+	+
Ephemeroptera:	Stenacron sp	135 +	70 +	17 +
	Stenacron tripunctatum group		+	
	Caenis sp	35 +	12 +	3 +
	Tricorythodes sp	4	1	
	Baetis sp	4 +	11 +	
Odonata:	Hetaerina sp	+		
	Argia sp	2	5	
	Coenagrionidae	4 +	6	1 +
Trichoptera:	Polycentropus sp A	1	7 +	+
	Polycentropus sp B			4
	Pycnopsyche sp		+	
	Helicopsyche sp	+		
Coleoptera:	Dineutus sp			1
	Scirtes (?) sp	+		+
	Helichus sp	+		
	Macronychus glabratus		4	
	Stenelmis sp	2 +	+	
	Dubiraphia sp	+		+
	Psephenus sp	+	+	

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Taxa		Station (RM)[c] 54.2	53.2	52.4
Diptera:	Procladius sp	7		
	Pentaneura sp	7	50	
	Pentaneura carnea group		25 +	33
	Pentaneura monilis group	29		
	Glyptotendipes sp	7	13	7
	Glyptotendipes (Glyptotendipes) senilis	50	25	7
	Tendipes (Einfeldia) insolita	14		26
	Tanytarsus (Endochironomus) sp	122 +	63	156
	Paratendipes sp		13	
	Cryptochironomus s.l. sp B	7 +		
	Polypedilum sp	7	13	
	Polypedilum (Polypedilum) fallax		88	13
	Microtendipes sp	22 +	38 +	7
	Calopspectra sp	50	100	13
	Ceratopogonidae	1	1	
Gastropoda:	Physa sp	+	1	
	Ferrissia sp	2	1	4
	Amnicola sp		+	
Pelecypoda:	Sphaerium sp		+	
	Number of organisms/sq. ft.	105	113	61
	Number of taxa[d]	27	28	20
	Diversity index, $\bar{d}$[d]	3.37	3.72	2.68
	Sampler/site	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation EWH (Exceptional Warmwater Habitat) SNRW (State and National Resource Water). The Ranco discharge is located at RM 54.1.
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-32: Organisms Collected from Th[illegible] Stations on Scippo Creek[a]

Scippo Creek - WWH[b]
June 2 to July 14, 1977

Taxa		Station (RM)[c] 4.9	4.4	2.25
Coelenterata:	Hydra sp	6		9
Turbellaria:	Unidentified	11		
Bryozoa:	Plumatella repens	5		
Annelida:	Oligochaeta	5	10	94
	Helobdella stagnalis			8
	Helobdella punctatolineata			16
Decapoda:	Astacidae	1		
	Orconectes sp	+		
Hydracarina:	Unidentified		1	29
Ephemeroptera:	Stenacron interpunctatum	317		15+
	Stenonema tripunctatum	217+		39+
	Stenonema pulchellum	8+		+
	Stenonema sp		2	
	Caenis sp	71+		19+
	Tricorythodes sp	48+		
	Neocloeon sp	17		
	Baetis sp			3+
Odonata:	Boyeria sp	+		
	Argia sp			6
	Ischnura sp			8+
	Enallagma sp	1		
	Anomalagrion sp			+
	Hetaerina sp	+		+
Plecoptera:	Unidentified			1
Hemiptera:	Gerris sp	+		
	Trepobates sp		+	
Trichoptera:	Cheumatopsyche sp			1+
	Hydropsyche sp	+		+
Coleoptera:	Macronychus glabratus	5		
	Ancyronx variegata		2	
	Stenelmis sp	5		+
	Dubiraphia sp			2
	Helichus sp	+		

(Continued on next page)

Taxa		Station (RM) 4.9	4.4	2.25
	Psephenus herriki	+		
	Laccophilus sp			+
	Berosus sp	+		
	Tropisternus sp		+	
	Hydrochus sp		+	+
	Peltodytes sp	+		
Diptera:	Simulidae			+
	Pentaneura sp	163	72+	195+
	Ablabesmyia sp			195
	Microtendipes sp	23	6	
	Polypedilum sp	12		
	Polypedilum (Polypedilum) fallax	58	125+	73
	Polypedilum (Pentadilum) tritum		+	
	Tanytarsus (Stictochironomus) sp.	12		
	Tanytarsus (Endochironomus) subtendens	+	42	+
	Tanytarsus (Tribelos) fuscicornis		36	
	Tanytarsus (Tribelos) jucundus		12	49+
	Tendipes (Limnochironomus) sp	12		
	Tendipes (Limnochironomus) nervosus			146
	Glyptotendipes (Glyptotendipes) senilis	221	6	243+
	Polypedilum (Tripodura) scalaenum		6	
	Calopsectra Antaytarsus Group	163		219
	Calopsectra Rheotanytarsus Group			24
	Calopsectra Calopsectra Group			195
	Cricotopus sp	58		24
	Psectrocladius sp			49
	Limnophora sp			+
Gastropoda:	Physa sp	22+		158+
	Ferrissia sp	8		
	Helisoma sp	1+		
	Gyraulus sp	2		

(Continued on next page)

Taxa	Station (RM) 4.9	4.4	2.25
Number of organisms/sq. ft. (c)	294	64	364
Number of taxa (c)	27	12	26
Diversity index, d (c)	3.48	2.50	3.81

(a) Five artificial substrate samplers collected at each site; qualitative samples were also collected from the natural substrate and their presence is indicated by a +.

(b) Station location - Beneficial use designation WWH (Warmwater Habitat). The PPG Industries discharge is located at RM 4.7.

(c) Artificial substrate sample only.

RD 3:33: Organisms Collected from Five Stations on Paint Creek and East Fork[a]

Paint Creek and East Fork - WWH[b]
July 8 to August 19, 1975

Taxa		Station (RM)[c] East Fork 2.8	81.7	Paint Creek 67.8	63.5	59.8
Coelenterata:	Hydra sp	27	1			
Turbellaria:	Planaridae	2	2		1072	2
Nematoda:	Unidentified	1	1			
Bryozoa:	Urnatella gracilis	1				
Annelida:	Oligochaeta	9	76+	4571+	1305+	2
	Placobdella sp		+			
	Erpobdella sp				8+	
	Helobdella sp				48	
Isopoda:	Lirceus sp				190+	
Amphipoda:	Hyalella azteca	+	+		71+	1
Decapoda:	Orconectes sp					+
Ephemeroptera:	Stenacron sp	7+	59+			69+
	Stenonema pulchellum group					23+
	Stenonema tripunctatum group					15+
	Heptagenia sp					13
	Caenis sp	38+	5			62+
	Baetis sp					21+
Odonata:	Argia (?) sp	1	3+			7
	Enallagma (?) sp	+		+	32+	+
	Plathemis sp				1	
Trichoptera:	Cheumatopsyche sp					6+
	Symphitopsyche bifida group					1+
Coleoptera:	Macronychus glabratus	+	+			4+
	Ancryonyx variegata	+			8	
	Dubiraphia sp	2+	13+		16+	
	Tropisternus glaber (?)				+	
	Tropisternus lateralis (?)			+		
	Peltodytes duodecimpunctatus			+		
Diptera:	Procladius sp		11+			
	Pentaneura sp	20	2			51

(Continued on next page)

	Taxa	Station (RM)[c] East Fork 2.8	81.7	67.8	Paint Creek 63.5	59.8
	Microtendipes sp					5
	Tendipes (Einfeldia) insolita	82			508+	14
	Tanytarsus sp	16	16+			
	Polypedilum fallax					74+
	Tendipes sp	32+		304+		23
	Cryptochironomus sp	+				
	Xenochironomus sp	+				
	Glyptotendipes sp				592+	46
	Unidentified	20			122	19
	Ceratopogonidae	2	1	+	17	
	Tipulidae	+				
Gastropoda:	Ferrissia sp	1				7
	Physa sp	2+	1	+		
	Pleurocera sp					42+
Pelecypoda:	Sphaerium sp		+		8	
	Number of organisms/sq. ft.	53	48	975	999	101
	Number of taxa[d]	16	13	2	15	22
	Diversity index, $\bar{d}$	3.14	2.34	0.34	2.54	3.77
	Samplers/site	5	4	5	4	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated by a +.
(b) Station loction - Beneficial use designation WWH (Warmwater Habitat). The Washington Court House STP is located at RM 69.45; the Armco Steel discharge is located at RM 67.7.
(c) RM (river mile)..
(d) Artificial substrate sample only.

RD 3-34: Organisms Collected from the Scioto River

Scioto River - WWH[a]
Near Prospect, Hoskins Road - RM 169.2[b]
August 17 to September 28, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Porifera:	Spongilla lacustris					+
Coelenterata:	Hydra sp		4	2	6	
Turbellaria:	Unidentified		1	1	2	+
Annelida:	Oligochaeta	1	1	11	13	
Decapoda:	Orconectes sp					+
Ephemeroptera:	Stenacron interpunctatum	98	162	96	356	+
	Stenonema pulchellum	21	14	42	77	
	Caenis sp	24	54	24	102	+
	Baetis sp	15	2	16	33	
Odonata:	Argia sp					+
Hemiptera:	Trepobates sp					+
Megaloptera:	Sialis sp					+
Trichoptera:	Cheumatopsyche sp	114	88	196	398	+
	Symphitopsyche bifida group	1		5	6	
	Polycentropus sp		7		7	
Coleoptera:	Stenelmis sp	2	2		4	+
	Macronychus glabratus			1	1	
Diptera:	Pentaneura sp	40	38	41	119	
	Ablabesmyia sp		2		2	
	Labrundia sp		2		2	
	Glyptotendipes sp	4	8	30	42	
	Glyptotendipes Glyptotendipes senilis			2	2	
	Polypedilum (Polypedilum) fallax	2			2	
	Polypedilum (Polypedilum) convictum	4	6	2	12	
	Calopsectra Calopsectra group		25	22	47	
	Calopsectra Rheotanytarsus group			6	6	
	Calopsectra Atanytarus group	14	6		20	
	Corynoneura sp	2	3	6	11	

(Continued on next page)

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
	Psectrocladius sp	4	3		7	
	Cricotopus sp	18	3	11	32	
Gastropoda:	Physa sp					+
	Number of organisms (CV 17.2%)	364	431	514	1309	
	Number of taxa (CV 11.1%)	16	20	18	25	11
	Diversity index, $\bar{d}$[d]	3.06				

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

RD 3-35: Organisms Collected from the Scioto River

Scioto River - WWH[a]
Near Prospect, Hoskins Road - RM 169.2[b]
July 15 to August 26, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Porifera:	Spongilla lacustris		+
Turbellaria:	Unidentified	16	
Bryozoa:	Plumatella repens	5	
Decapoda:	Orconectes sp		+
Ephemeroptera:	Stenacron interpunctatum	923	+
	Stenonema pulchellum	38	
	Caenis sp	6	
	Baetis sp	2	+
Odonata:	Argia	5	+
Neuroptera:	Climacia sp		+
Trichoptera:	Cheumatopsyche sp	239	+
Diptera:	Pentaneura sp A	5	
	Pentaneura sp B	55	+
	Pentaneura sp C	49	+
	Glyptotendipes sp	3	
	Polypedilum sp	27	+
	Calopsectra Rheotanytarsus group	36	
	Calopsectra Microspectra group	11	
	Psectrocladius sp	33	+
	Corynoneura sp	3	
	Cricotopus sp	5	
Gastropoda:	Ferrissia sp	1	
	Number of organisms/sq.ft.	293	
	Number of taxa	19	11
	Diversity index, $\bar{d}$[e]	2.02	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-36: Organisms Collected from the Scioto River

Scioto River - WWH[a]
Near Dublin, below O'Shaunnessy Reservoir - RM 147.8[b]
July 12 to August 23, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	1224	+
Annelida:	Oligochaeta	708	
Amphipoda:	*Hyalella azteca*	40	
Decapoda:	Astacidae		+
Ephemeroptera:	*Stenacron* sp	8	+
	Caenis sp		+
Hemiptera:	Corixidae		+
Trichoptera:	*Cheumatopsyche* sp	8	
	Polycentropus sp	20	
	Hydroptila sp	8	
Diptera:	*Pentaneura* sp	81	
	Glyptotendipes sp	2696	
	Glyptotendipes (*Glyptotendipes*) *senilis*	1879	
	Harnischia (*Cladopelma*) *nais*	81	
	Polypedilum (*Polypedilum*) *illinoense*	245	
	Calopsectra Rheotanytarsus group	408	
	Calopsectra sp	327	
Gastropoda:	*Ferrissia* sp		+
	Number of organisms/sq.ft.	1547	
	Number of taxa	14	6
	Diversity index, $\bar{d}$[e]	2.57	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-37: Organisms Collected from the Scioto River

Scioto River - SCR, LWH[a]
Above Southerly STP, East Bank - RM 119.2[b]
June 25 to August 6, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	2722	+
Annelida:	Oligochaeta	1534	+
	Placobdella parasitica		+
Isopoda:	*Asellus communis*	44	+
Odonata:	Coenagrionidae	12	
Diptera:	*Procladius* sp	67	+
	Tendipes (Einfeldia) insolita	2307	+
	Tendipes (Limnochironomus) sp	1756	+
	Psectrocladius sp		+
Pelecypoda:	*Musculium* sp		+
	Number of organisms/sq.ft.	2110	
	Number of taxa	7	9
	Diversity index, $\bar{d}$		

(a) Station name - Beneficial use designation SCR, LWH (Secondary Contact Recreation, Limited Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Four artificial substrate samplers.
(d) Collected from the natural substrate.

RD 3-38: Organisms Collected from the Scioto River

Scioto River - SCR, LWH[a]
Below Southerly Sewage Treatment Plant - RM 117.3[b]
July 14 to August 25, 1977

Taxa		East Bank[c]	West Bank[c]
Annelida:	Oligochaeta	147	50
	Placobdella sp	1	
	Erpobdella sp		3
Isopoda:	*Asellus* sp	10	1
Amphipoda:	*Gammarus lacustris*		2
Ephemeroptera:	*Stenacron interpunctatum*	14	1
Odonata:	*Argia* sp	3	12
	Ischnura sp	7	11
Coleoptera:	*Berosus*		2
Diptera:	*Pentaneura* sp	80	74
	Procladius sp	18	
	Tendipes (Tendipes) riparius	107	186
	Glyptotendipes senilis	45	260
	Glyptotendipes sp	170	112
Gastropoda:	*Physa* sp	214	93
	Gyraulus sp	1	
	Ferrissia sp	1	3
	Number of organisms/sq.ft.	164	162
	Number of taxa	14	14
	Diversity index, $\bar{d}$	2.78	2.63

(a) Station name - Beneficial use designation SCR (Secondary Contact Recreation), LWH (Limited Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samples.

RD 3-39: Organisms Collected from the Scioto River

Scioto River - SCR, LWH[a]
Below Southerly STP - RM 117.3[b]
June 25 to August 6, 1974

Taxa		East Bank		West Bank	
		Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Annelida:	Oligochaeta	3900	+	130,591	+
	Dina sp			2	+
Isopoda:	Asellus communis			16	+
	Asellus sp	12	+		
Odonata:	Enallagma sp				+
Diptera:	Simuliidae			4	
	Tanypus sp		+		
	Anatopynia (Psetrotanypus) dyari				+
	Ablabesmyia sp	4		34	
	Glyptotendipes sp			34	+
	Tendipes sp	16	+	440	+
	Tendipes (Einfeldia) insolita		+	473	+
	Tendipes (Limnochironomus) sp	12	+	811	+
Gastropoda:	Physa sp				+
	Number of organisms/sq.ft.	986		33,101	
	Number of taxa	5	6	9	10
	Diversity index, $\bar{d}$[e]	0.11		0.13	

(a) Station name - Beneficial use designation SCR, LWH (Secondary Contact Recreation, Limited Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Four artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-40: Organisms Collected from the Scioto River

Scioto River - SCR, LWH[a]
Below Big Walnut Creek - RM 116.8[b]
June 25 to August 6, 1974

Taxa		East Bank		West Bank	
		Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Annelida:	Oligochaeta	22,432	+	212,224	+
	Erpobdellidae	3		9	
	Helobdella stagnalis		+		
	Glossiphoniidae				+
Isopoda:	Asellus sp	32		16	
Diptera:	Crytochironomus sp		+		
	Glyptotendipes sp	240	+	576	+
	Tendipes sp		+	64	+
	Tendipes (Einfeldia) insolita	60		448	+
	Tendipes (Limnochironomus) sp	120		512	+
	Harnischia abortiva		+		+
	Calopsectra sp	60			
Gastropoda:	Physa sp				+
	Number of organisms/sq.ft.	4589		42,769	
	Number of taxa	7	6	7	8
	Diversity index, $\bar{d}$[e]	0.10		0.10	

(a) Station name - Beneficial use designation SCR, LWH (Secondary Contact Recreation, Limited Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-41: Organisms Collected from the Scioto River

Scioto River - 601340 - SCR, LWH[a]
Near Circleville, East Bank - RM 100.8[b]
July 14 to August 25, 1977

Taxa		Sampler 1	2	3	Total
Coelenterata:	*Hydra* sp	1	2		3
Turbellaria:	Unidentified	31	58	44	133
Bryozoa:	*Urnatella gracilis*		1		1
Annelida:	Oligochaeta	23	49	6	78
	Helobdella papillata		2		2
Amphipoda:	*Crangonyx* sp	2			2
Odonata:	*Argia* sp	4	4	4	12
	Coenagrionidae	2			2
Coleoptera:	*Macronychus glabratus*	2			2
Diptera:	*Pentaneura* sp	29	35	28	92
	Ablabesmyia sp	15			15
	Glyptotendipes sp	914	760	807	2481
	Tendipes (Einfeldia) insolita	74	50	97	221
	Tendipes (Limnochironomus) nervosus	44		13	57
	Polypedilum sp		35		35
Gastropoda:	*Physa* sp		2		2
	Ferrissia sp			1	1
	Number of organisms (CV 7.8%)	1141	998	1000	3139
	Number of taxa (CV 20.2%)	12	11	8	17
	Diversity index, $\bar{d}$	1.30			

(a) Station name - STORET code - Benefical use designation SCR, LWH (Secondary Contact Recreation, Limited Warmwater Habitat).
(b) Station location - RM (river mile).

RD 3-42: Organisms Collected from the Scioto River

Scioto River - 601340 - SCR, LWH[a]
Near Circleville, West Bank - RM 100.8[b]
July 14 to August 25, 1977

Taxa		Sampler 1	2	3	Total
Turbellaria:	Unidentified	16	11	42	69
Bryozoa:	Urnatella gracilis		1		1
Annelida:	Oligochaeta	3	7		10
Amphipoda:	Hyalella azteca		1		1
Ephemeroptera:	Stenacron interpunctatum	2		1	3
	Tricorythodes sp	1			1
Odonata:	Argia sp		2	4	6
	Coenagrionidae		1	1	2
Trichoptera:	Cheumatopsyche sp			6	6
	Polycentropus sp	3			3
Coleoptera:	Macronychus glabratus			3	3
Diptera:	Pentaneura sp	79	121	73	273
	Ablabesmyia sp			8	8
	Glyptotendipes sp	167	250	356	773
	Tendipes (Einfeldia) insolita	20	41	16	77
	Tendipes (Limnochironomus) nervosus		20		20
	Polypedilum (Tripodura) scalaenum	79	20	32	131
	Psectrocladius sp	10			10
	Cricotopus sp	20			20
Gastropoda:	Ferrissia sp	1	4	4	9
	Number of organisms (CV 15.3%)	401	479	546	1426
	Number of taxa (CV 0%)	12	12	12	20
	Diversity index, $\bar{d}$	2.21			

(a) Station name - STORET code - Benefical use designation SCR (Secondary Contact Recreation), LWH (Limited Warmwater Habitat).
(b) Station location - RM (river mile).

RD 3-43: Organisms Collected from the Scioto River

Scioto River - 601340 - SCR, LWH[a]
Near Circleville, West Bank - RM 100.8[b]
July 14, to August 25, 1976

Taxa		Quantitative Sample[c]
Coelenterata:	*Hydra* sp	23
Turbellaria:	Unidentified	356
Bryozoa:	*Urnatella gracilis*	2
Annelida:	Oligochaeta	310
	Helobdella lineata (?)	2
Isopoda:	*Asellus communis*	2
	Lirceus fontinalis	12
Amphipoda:	*Hyalella azteca*	4
Odonata:	*Argia* sp	12
Coleoptera:	*Dubiraphia* sp	8
	Macronychus glabratus	4
Diptera:	*Ablabesmyia aspera* (?)	18
	Ablabesmyia janta	53
	Pentaneura sp	193
	Glyptotendipes sp	158
	Glyptotendipes (*Glypotendipes*) *senilis*	158
	Tendipes (*Einfeldia*) *insolita*	193
	Polypedilum sp	22
	Calopsectra Rheotanytarsus group	18
	Number of organisms	309
	Number of taxa	19
	Diversity index, $\bar{d}$	3.10

(a) Station name - STORET code - Beneficial use designation SCR (Secondary Contact Recreation), LWH (Limited Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial samplers.

RD 3-44: Organisms Collected om the Scioto River

Scioto River - 601340 - SCR, LWH[a]
Above Circleville - RM 100.8[b]
June 25 to August 7, 1974

Taxa		East Bank		West Bank	
		Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	16			
Turbellaria:	Unidentified	732		132	
Annelida:	Oligochaeta	192	+	399	+
	Helobdella stagnalis		+		
Isopoda:	Asellus sp		+	3	
Amphipoda:	Hyalella azteca		+		
	Crangonyx sp			1	
Ephemeroptera:	Callibaetis sp		+		
Odonata:	Enallagma sp			1	+
	Ishnura sp				+
Hemiptera:	Corixidae		+		
Coleoptera:	Dubiraphia sp		+		
	Tropisternus sp		+		
	Copelatus sp		+		
	Hygrotus sp		+		
Diptera:	Procladius sp		+	118	+
	Clinotanypus sp		+		
	Antopynia (Psectrotanypus) dyari		+		
	Pentaneura sp	94		77	
	Ablabesmyia sp			118	
	Tendipes sp	94		124	
	Tendipes (Einfeldia) insolita	942		190	
	Tendipes (Limnochironomus) sp	1782		450	
	Glyptotendipes sp			24	
	Polypedilum sp	473		79	
	Corynoneura sp			2	
	Psectrocladius sp			77	
	Culicoides (?) sp			1	
	Palpomyia (?) sp			1	

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RD 3-44: Continued

Taxa		East Bank		West Bank	
		Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Gastropoda:	*Ferrissia* sp		+	2	+
	Physa sp	24			
	Number of organisms/sq.ft.	870		360	
	Number of taxa	9	14	19	5
	Diversity index, $\overline{d}$[e]	2.29		3.11	

(a) Station name - Beneficial use designation SCR, LWH (Secondary Contact Recreation, Limited Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-45: Organisms Collected from the Scioto River

Scioto River - WWH[a]
Above Deer Creek - RM 85.4[b]
July 2 to August 14, 1974

Taxa		East Bank		West Bank	
		Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	90	+	75	+
Annelida:	Oligochaeta	278	+	387	+
	Placobdella sp		+		
Isopoda:	*Asellus* sp	2			
	Asellus communis			6	
Amphipoda:	*Hyalella azteca*		+		+
	Crangonyx sp				+
Decapoda:	*Orconectes* sp		+		
Ephemeroptera:	*Stenacron* sp		+		
	Callibaetis sp				+
Odonata:	*Argia* sp	6		5	
Hemiptera:	*Corixidae*		+		+
Coleoptera:	*Dubiraphia* sp			1	+
Trichoptera:	*Oecetis* sp	2			
Diptera:	*Procladius* sp	26			+
	Ablabesmyia sp	79		103	+
	Pentaneura sp	13	+	2	+
	Tendipes sp	43	+		+
	Tendipes (*Einfeldia*) *insolita*	52	+	52	
	Tendipes (*Limnochironomus*) sp	452	+	310	
	Glyptotendipes sp	26			
	Polypedilum sp	66		106	
	Calopsectra sp			7	
	Culicoides (?) sp	2		1	
	Palpomyia (?) sp			1	
Gastropoda:	*Ferrissia* sp		+		+

(Continued on next page)

RD 3-45: Continued

Taxa	East Bank		West Bank	
	Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Number of organisms/sq.ft.	227		212	
Number of taxa	14	12	13	12
Diversity index, $\overline{d}$[e]	2.61		2.37	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-46: Organisms Collected from the Scioto River

Scioto River - WWH[a]
Above Chillicothe, West Bank - RM 78.3[b]
July 2 to August 13, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	38	+
Annelida:	Oligochaeta	84	
	Helobdella lineata (?)		+
Isopoda:	Lirceus sp	1	
	Hyalella azteca		+
Decapoda:	Orconectes sp	1	+
	Unidentified	1	
Ephemeroptera:	Stenacron sp	42	+
	Stenonema pulchellum group	15	
	Heptagenia sp	2	
	Baetis sp	20	
Odonata:	Argia sp	6	
	Coenagrionidae		+
	Agrion sp	1	
Hemiptera:	Trichocorixa sp		+
	Palmacorixa sp		+
Trichoptera:	Cheumatopsyche sp	26	+
	Hydropsyche orris	27	+
	Hydropsyche sp	2	
	Hydropsyche simulans (?)	3	
	Polycentropus sp	2	
	Neureclipsis sp	1	
Coleoptera:	Macronychus glabratus	2	+
	Dubiraphia sp	1	+
	Stenelmis sp		+
	Ancyronyx variegata	1	+

(Continued on next page)

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Diptera:	Ablabesmyia sp	40	
	Pentaneura sp	111	+
	Cryptochironomus sp	13	+
	Glyptotendipes sp	13	
	Tendipes sp	57	+
	Tendipes (Limnochironomus) sp	97	
	Polypedilum sp	325	
	Tanytarsus sp	13	
	Calopsectra sp	13	
	Empididae	1	
Gastropoda:	Ferrissia sp	1	
Pelecypoda:	Musculium sp		+
	Number of organisms/sq.ft.	192	
	Number of taxa	31	18
	Diversity index, $\bar{d}$[e]	3.41	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-47: Organisms Col ted from the Scioto River

Scioto River - 600770 - WWH[a]
Near Richmondale, East Bank - RM 56.2[b]
August 3 to September 15, 1978

Taxa		Sampler 1	2	3	Total	Qualitative sample[c]
Coelenterata:	Hydra sp	2	1	3	6	
Bryozoa:	Plumatella repens	2		2	4	
Hydracarina:	Unidentified			2	2	
Ephemeroptera:	Steracron interpunctatum		28	9	37	
	Stenonema pulchellum	235	248	180	663	
	Stenonema quinquispinum	44	10	9	63	+
	Stenonema terminatum	54	54		108	
	Stenonema ithica		10		10	
	Caenis sp	1	2	4	7	
	Tricorythodes sp	32	43	77	152	+
	Baetis sp	36	14	19	69	+
Odonata:	Neurocordulia molesta		1		1	
	Coenagrionidae		1		1	
Megaloptera:	Corydalus sp	1	2	1	4	
Trichoptera:	Hydropsyche simulans	60	35	43	138	+
	Hydropsyche orris	20		16	36	+
	Hydropsyche sp		2		2	
	Cheumatopsyche sp	192	77	117	386	+
	Polycentropus sp	8	2		10	
	Neureclipsis sp		2		2	
Coleoptera:	Macronychus glabratus	4			4	
	Stenelmis sp		2		2	+
Diptera:	Simuliidae					+
	Pentaneura sp	41	58	46	145	
	Tanytarsus sp			11	11	
	Polypedilum (Polypedilum) illinoense		8	22	30	+
	Polypedilum (Tripodura) scalaenum					+
	Calopsectra Rheotanytarsus group	915	638	654	2207	+
Gastropoda:	Physa sp			2	2	
Pelecypoda:	Ferrissia sp	1			1	+

(Continued on next page)

Taxa	Sampler 1	Sampler 2	Sampler 3	Total	Qualitative sample[c]
Number of organisms (CV 17.8%)	1648	1238	1217	4103	
Number of taxa (CV 11.2%)	17	21	18	28	12
Diversity index, $\bar{d}$[d]		2.40			

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

RD 3-48: Organisms Collected from the Scioto River

Scioto River - 600770 - WWH[a]
Near Richmondale - RM 56.2[b]
June 17 to July 29, 1977

Taxa		Quantitative Sample[c]		Qualitative Sample[d]
		East Bank	West Bank	
Bryozoa:	Plumatella repens	8	12	
Annelida:	Oligochaeta	20	8	
Ephemeroptera:	Stenacron interpunctatum	5	7	
	Stenonema pulchellum	277	563	
	Stenonema terminatum	102	126	
	Tricorythodes sp	188	492	
	Baetis sp	8	68	
	Caenis sp	4		
	Isonychia sp	4		
Odonata:	Argia sp	12		
	Enallagma sp			+
Megaloptera:	Corydalus cornutus		2	
Trichoptera:	Polycentropus sp	26		
	Neureclipsis sp		4	
	Hydropsyche orris	632	1250	+
	Hydropsyche sp A	254	1226	+
	Hydropsyche sp B		8	
	Cheumatopsyche sp		8	
Coleoptera:	Dineutus sp	2		
	Laccophilus sp			+
	Macronychus glabratus	2	4	
Diptera:	Simulium sp		8	
	Pentaneura sp	778	983	+
	Cryptochironomus sens. lat. sp B	222	289	
	Glyptotendipes sp	44	58	
	Tendipes (Einfeldia) insolita	67		
	Tendipes (Limnochironomus) nervosus	22		
	Polypedilum (Tripodura) scalaenum	400	347	
	Polypedilum (Polypedilum) convictum	22		
	Calopsectra Rheotanytarsus group	178	1215	

(Continued on next page)

Taxa		Quantitative Sample[c]		Qualitative Sample[d]
		East Bank	West Bank	
Diptera: (Continued)	Psectrocladius sp			+
	Empididae		36	
Gastropoda:	Ferrissia sp		4	
	Number of organisms/sq.ft.	655	1344	
	Number of taxa	23	22	6
	Diversity index $\bar{d}$[e]	3.31	3.11	

(a) Station name - STORET code - Benefical use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-49: Organisms Collected from the Scioto River

Scioto River - 600770 - WWH[a]
Near Richmondale, East Bank - RM 56.2[b]
July 14 to August 25, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	1	
Bryozoa:	*Plumatella repens*	2	
Annelida:	*Oligochaeta*	2	
Ephemeroptera:	*Stenonema pulchellum*	76	
	Stenonema pulchellum group		+
	Baetis sp	31	+
	Tricorythodes sp	2	+
Megaloptera:	*Corydalus cornutus*	3	+
Trichoptera:	*Cheumatopsyche* sp	52	+
	Symphitopsyche bifida group	2	
	Hydropsyche orris	788	+
	Hydropsyche sp A	53	+
Coleoptera:	*Stenelmis* sp	1	+
	Macronychus glabratus	1	
Diptera:	*Tipula* sp		+
	Pentaneura sp	308	+
	Tendipes sp	24	
	Polypedilum sp	166	+
	Calopsectra Rheotanytarsus group	735	+
	Psectrocladius sp	71	
Gastropoda:	*Ferrissia* sp	1	
	Goniobasis sp		+
Pelecypoda:	*Sphaerium* sp	1	
	Number of organisms/sq.ft.	464	
	Number of taxa	20	13
	Diversity index, $\bar{d}$[e]	2.55	

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-50: Organisms Collected from the Scioto River

Scioto River - WWH[a]
Above Salt Creek, East Bank - RM 52.1[b]
June 27 to August 8, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	6	
Turbellaria:	Unidentified	12	+
Annelida:	Oligochaeta	171	+
Isopoda:	Asellus sp	1	
Decapoda:	Orconectes sp	1	
Ephemeroptera:	Stenacron sp	118	+
	Stenonema pulchellum group	147	+
	Baetis sp A	2	
	Baetis sp B	2	
	Caenis sp	2	
	Tricorythodes sp	2	
Odonata:	Argia sp	3	+
Hemiptera:	Corixidae		+
Trichoptera:	Hydropsyche frisoni	4	
	Hydropsyche orris	17	+
	Symphitopsyche bifida group	5	
	Cheumatopsyche sp	1	+
	Polycentropus sp	9	+
	Neureclipsis sp	1	
Coleoptera:	Ancyronyx variegata	1	
	Stenelmis sp	1	
	Dubiraphia sp	2	

(Continued on next page)

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Diptera:	Procladius sp		+
	Ablabesmyia sp	24	
	Pentaneura sp	52	+
	Tendipes sp	159	+
	Tendipes (Limnochironomus) sp	49	
	Cryptochironomus sp	1	
	Glyptotendipes sp	9	+
	Glyptotendipes (Glyptotendipes) senilis		+
	Polypedilum sp	89	
	Tanytarsus sp	18	
	Calopsectra sp	9	
	Cricotopus sp	6	
	Psectrocladius sp	18	
	Palpomyia sp	1	
Gastropoda:	Ferrissia sp	2	
	Number of organisms/sq.ft.	189	
	Number of taxa	34	14
	Diversity index, $\bar{d}$[e]	3.56	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-51: Organisms Collected from the Scioto River

Scioto River - WWH[a]
Below Scioto Brush Creek - RM 8.4[b]
June 28 to August 9, 1974

Taxa		East Bank		West Bank	
		Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified				+
Bryozoa:	Unidentified			1	
Annelida:	Oligochaeta	48	+	61	
	Placobdella sp				+
Amphipoda:	Hyalella azteca				+
Decapoda:	Unidentified				+
Ephemeroptera:	Stenacron sp				+
	Stenonema pulchellum group	32	+	157	+
	Tricorythodes sp	8		39	
	Caenis sp	8		22	
Odonata:	Hetaerina sp				+
Megaloptera:	Corydalus cornutus			1	
Trichoptera:	Hydropsyche orris	79	+	1523	+
	Hydropsyche frisoni			30	+
	Cheumatopsyche sp	84	+	297	+
	Polycentropus sp		+		+
Coleoptera:	Macronychus glabratus		+		+
	Ancyronyx variegata		+		+
	Peltodytes muticus				+
Diptera:	Pentaneura sp	350	+	475	+
	Glyptotendipes sp	44		106	
	Tendipes (Einfeldia) insolita		+		
	Paratendipes sp		+		
	Polypedilum sp	219	+	1749	+
	Calopsectra sp	153		53	
	Unidentified	66		106	
	Empididae	23		16	

(Continued on next page)

Taxa		East Bank		West Bank	
		Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Gastropoda:	*Ferrissia* sp			2	+
	Number of organisms/sq.ft.	223		928	
	Number of taxa	12	11	16	17
	Diversity index, $\bar{d}$[e]	2.92		2.46	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-32. Organisms Collected from the Olentangy River

Olentangy River - 601290 - SNRW[a]
Near Worthington - RM 12.3[b]
June 27 to August 8, 1977

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	19	
Bryozoa:	*Plumatella* sp	10	
Annelida:	Oligochaeta	61	
Amphipoda:	*Hyalella azteca*	·	+
Ephemeroptera:	*Stenacron interpunctatum*	115	
	Baetis sp	3	
	Tricorythodes sp	120	
	Caenis sp		+
	Potamanthus sp	2	
Odonata:	*Ischnura* sp		+
Hemiptera	*Rheumatobates* sp		+
Trichoptera:	*Cheumatopsyche* sp	41	
	Hydropsyche sp	6	
	Polycentropus sp	20	
Diptera:	*Pentaneura* sp	122	
	Ablabesmyia sp	27	
	Glyptotendipes senilis	14	
	Glyptotendipes sp	475	
	Tanytarsus (Tribelos) jucundus	14	
	Calopsectra Rheotanytarsus group	81	
Gastropoda:	*Ferrissia* sp	2	
	Pleurocera sp		+
	Number of organisms/sq.ft.	283	
	Number of taxa	17	5
	Diversity index, $\bar{d}$[e]	2.86	

(a) Station name - STORET code - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Four artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-53: Organisms Collected from the Olentangy River

Olentangy River - WWH[a]
Columbus, near mouth - RM 0.4[b]
July 1 to August 12, 1974

Taxa		East Bank		West Bank	
		Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	1			
Annelida:	Oligochaeta	622	+	697	+
	Helobdella lineata	9	+	1	+
	Dina sp	4	+	1	+
	Unidentified				+
Isopoda:	*Asellus* sp			1	
Odonata:	*Perithemis* sp		+		
Coleoptera:	*Dubiraphia* sp	1		1	
	Stenelmis sp	1			
Diptera:	*Tanypus* sp		+		+
	Procladius sp		+		
	Anatopynia (*Psectrotanypus*) *dyari*				+
	Tendipes sp	13	+	15	+
	Glyptotendipes sp	10	+		
	Tendipes (*Einfeldia*) *insolita*	2			
	Tendipes (*Limnochironomus*) sp	16			
	Harnischia abortiva	8		3	
	Polypedilum sp	2			
	Cricotopus sp				+
Gastropoda:	*Physa* sp				+
	Ferrissia sp	4			
	Helisoma trivolvis			3	
	Unidentified				+
	Number of organisms/sq.ft.	139		144	
	Number of taxa	13	8	8	10
	Diversity index, $\bar{d}$[e]	0.79		0.28	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-54: Organisms Collected from Little Walnut Creek

Little Walnut Creek - WWH[a]
Near mouth, SR 23 - RM 0.7[b]
July 2 to August 13, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	188	
Turbellaria:	Unidentified	3	
Annelida:	Oligochaeta	15	
Isopoda:	Asellus sp	1	
Amphipoda:	Hyalella azteca		+
Decapoda:	Orconectes sp	1	
	Unidentified	1	
Ephemeroptera:	Stenacron sp	393	
	Caenis sp	2	
	Tricorythodes sp	10	+
Odonata:	Boyeria vinosa		+
	Argia sp	2	
Hemiptera:	Corixidae		+
Coleoptera:	Dubiraphia sp	98	+
	Ancyronyx variegata	9	+
	Macronychus glabratus	27	+
	Berosus sp		+
Diptera:	Procladius sp	27	
	Ablabesmyia sp	20	
	Pentaneura sp	7	
	Cryptochironomus sp		+
	Tendipes sp	19	
	Tendipes (Limnochironomus) sp	13	
	Harnischia abortiva	3	
	Polypedilum sp	60	+
	Tanytarsus sp	20	
	Microtendipes sp	3	
	Calopsectra sp	35	
	Corynoneura sp	3	
	Culicoides sp	1	

(Continued on next page)

RD 3-54: Continued

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Gastropoda:	*Ferrissia* sp	1	
	Helisoma sp	1	
	Number of organisms/sq.ft.	193	
	Number of taxa	27	10
	Diversity index, $\bar{d}$[e]	2.93	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-55: Organisms Collected from Big Darby Creek

Big Darby Creek - 601300 - EWH, SNRW[a]
Darbyville, below SR 316 - RM 13.2[b]
June 27 to August 8, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	1	
Bryozoa:	*Plumatella* sp	18	
Annelida:	*Oligochaeta*	7	
	Placobdella sp		+
Ephemeroptera:	*Stenonema tripunctatum*	5	+
	Stenacron interpunctatum	144	+
	Stenonema bipunctatum	21	
	Stenonema pulchellum	337	+
	Baetis sp	57	
	Isonychia sp	26	
	Tricorythodes sp	76	
	Ephemerella deficiens	6	
	Potamanthus sp		+
Odonata:	*Argia* sp		+
Hemiptera:	*Hespercorixa* sp		+
	Ranatra sp		+
	Metrobates sp		+
	Rheumatobates sp		+
Trichoptera:	*Cheumatopsyche* sp	136	+
	Hydropsyche sp	11	
	Polycentropus sp	10	
Coleoptera:	*Stenelmis* sp	8	+
	Heterelmis sp	1	
	Lutrochus laticeps	1	
Diptera:	*Pentaneura* sp	27	+
	Glyptotendipes senilis	116	
	Glyptotendipes dreisbachi	110	
	Stenochironomus sp	7	
	Polypedilum fallax	14	
	Polypedilum convictum	69	

(Continued on next page)

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
	Cryptochironomus sp	6	
	Calaspectra Rheotanytarsus group	14	
	Tanytarsus (Tribelos) quadripunctatus	7	
Gastropoda:	Pleurocera sp		+
	Number of organisms/sq.ft.	247	
	Number of taxa	26	14
	Diversity index, $\bar{d}$[e]	3.54	

(a) Station name - STORET code - Beneficial use designation EWH (Exceptional Warmwater Habitat), SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-56: Organisms Collected from Paw Paw Creek

Paw Paw Creek - WWH[a]
Baltimore - RM 0.6[b]
July 2 to August 13, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	*Hydra* sp	8	
Nematoda:	Unidentified	1	
Annelida:	Oligochaeta	1065	+
Amphipoda:	*Hyalella azteca*	1	+
Ephemeroptera:	*Stenacron* sp		+
	Caenis sp	8	
Odonata:	*Argion* sp		+
	Perithemis sp	1	
Megaloptera:	*Sialis* sp	2	
Trichoptera:	*Cheumatopsyche* sp	2	
Coleoptera:	*Helichus* sp	1	
	Dubiraphia sp	8	
Diptera:	*Tendipes* (*Einfeldia*) *insolita*	41	
	Pentaneura sp	55	+
	Polypedilum fallax	124	+
	Psectrocladius sp	124	
	Tendipes sp	28	
	Cricotopus sp	14	
	Simuliidae		+
	Unidentified	110	
Gastropoda:	*Physa* sp	70	+
	Ferrissia sp	2	
	Number of organisms/sq. ft.	416	
	Number of taxa[e]	19	8
	Diversity index, $\bar{d}$[e]	2.04	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-97: Organisms Collected from Deer Creek

Deer Creek - WWH[a]
Near mouth, SR 23 - RM 1.1[b]
July 2 to August 13, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	*Hydra* sp	4	
Bryozoa:	*Plumatella repens*		+
	Unidentified	1	
Annelida:	Oligochaeta		+
Amphipoda:	*Hyalella azteca*	1	
Ephemeroptera:	*Stenacron* sp	68	+
	Stenonema pulchellum group	712	+
	Heptagenia sp	2	
	Baetis sp	232	
	Caenis sp	1	
	Tricorythodes sp	33	+
	Isonychia sp	52	
	Ephemerella deficiens	16	
	Ephemera sp	1	
Odonata:	*Argia* sp		+
	Coenagrionidae	1	
Hemiptera:	Corixidae		+
Megaloptera:	*Corydalus cornutus*	1	
Trichoptera:	*Hydropsyche orris*	13	
	Hydropsyche frisoni	11	
	Symphitopsyche bifida group	43	
	Cheumatopsyche sp	81	
	Neureclipsis sp	14	
	Polycentropus sp	2	+
	Agraylea sp	2	
Coleoptera:	*Dubiraphia* sp	5	
	Ancyronyx variegata	1	
	Macronychus glabratus	36	
	Berosus sp		+

(Continued on next page)

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Diptera:	Tipulidae		+
	Pentaneura sp	100	
	Xenochironomus sp		+
	Cryptochironomus sp		+
	Tendipes sp		+
	Pseudochironomus sp		+
	Harnischia (Cladopelma) nais		+
	Glyptotendipes sp	14	+
	Glyptotendipes (Glyptotendipes) senilis	14	
	Calopsectra sp	710	
	Empididae	7	
Gastropoda:	Lymnaea sp		+
	Number of organisms/sq.ft.	436	
	Number of taxa	29	17
	Diversity index, $\bar{d}$[e]	2.76	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-58: Organisms Collected from Paint Creek

Paint Creek - 601320 - EWH, SNRW[a]
Bourneville, Jones Levee Road - RM 21.6[b]
June 17 to July 29, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	2	
Nematoda:	Unidentified	4	
Bryozoa:	Plumatella repens	13	+
Annelida:	Oligochaeta	85	
Isopoda:	Lirceus sp		+
Amphipoda:	Hyalella azteca		+
Decapoda:	Orconectes sp		+
Ephemeroptera:	Stenonema exiguum	63	
	Stenacron interpunctatum	6	+
	Stenonema pulchellum	201	+
	Tricorythodes sp	70	+
	Isonychia sp	2	
	Baetinae	6	
Odonata:	Enallagma sp		+
	Ischnura sp		+
Plecoptera:	Neoperla sp	2	
Hemiptera:	Trepobates sp		+
Trichoptera:	Cheumatopsyche sp	239	+
	Hydropsyche sp	9	
	Polycentropus sp	49	
	Leptoceridae		+
	Hydroptilidae	2	
	Agraylea sp	9	
Coleoptera:	Macronychus glabratus	1	
	Stenelmis sp		+
	Helichus sp		+
	Helodidae		+
Diptera:	Pentaneura sp	91	+
	Ablabesmyia sp	22	
	Harnischia (Harnischia) abortiva	67	
	Glyptotendipes (Glyptotendipes) senilis	384	
	Glyptotendipes (Phytotendipes) lobiformes	858	

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	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Diptera: (Continued)	Tendipes (Limnochironomous) neomodestus	136	
	Tendipes (Limnochironomous) nervosus	45	+
	Tendipes (Einfeldia) insolita	22	
	Polypedilum (Tripodura) scalaenum	45	
	Polypedilum (Polypedilum) illinoense	22	
	Calopsectra Atanytarsus group	22	
	Cricotopus sp	22	
Gastropoda:	Physa sp		+
	Lymnaea sp		+
	Gyraulus sp		+
	Number of organisms/sq.ft.	500	
	Number of taxa	29	20
	Diversity index, $\bar{d}$[e]	3.36	

(a) Station name - STORET code - Beneficial use designation EWH (Exceptional Warmwater Habitat), SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-59: Organisms Collected from Paint Creek

Paint Creek - WWH[a]
Chillicothe - RM 1.9[b]
July 3 to August 14, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Annelida:	Oligochaeta	11,168	+
Coleoptera:	*Dubiraphia* sp	8	
Diptera:	*Pentaneura* sp	73	+
	Tendipes sp	93	+
	Tendipes (*Limnochironomus*) sp	114	
	Glyptotendipes (*Glyptotendipes*) *senilis*	10	
	Harnischia abortiva	10	+
	Polypedilum sp	49	+
	Polypedilum (*Polypedilum*) *fallax*	10	
	Cricotopus sp	58	
	Psectrocladius sp	421	+
Gastropoda:	*Physa* sp		+
	Number of organisms/sq.ft.	2403	
	Number of taxa	11	7
	Diversity index, $\bar{d}$[e]	0.53	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-60: Organisms Collected from Salt Creek

Salt Creek - EWH, SNRW[a]
Near mouth - RM 0.1[b]
June 27 to August 8, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	4	
Bryozoa:	Unidentified		+
Annelida:	Oligochaeta	2	+
Ephemeroptera:	Stenacron sp	3	
	Stenonema pulchellum group	175	+
	Baetis sp	2	
	Tricorythodes sp	94	
	Hexagenia sp		+
Odonata:	Gomphus sp		+
Trichoptera:	Hydropsyche frisoni	3	
	Symphitopsyche bifida group	3	
	Cheumatopsyche sp	73	
	Neureclipsis sp	16	+
	Polycentropus sp	8	
Coleoptera:	Dubiraphia sp		+
	Ancyronyx variegata	6	+
	Optioservus sp	2	
	Dineutus sp	1	
Diptera:	Simulium sp	2	
	Pentaneura sp	2	
	Tendipes sp		+
	Calopsectra sp	6628	+
	Empididae	44	
Pelecypoda:	Unidentified		+

(Continued on next page)

RD 3-60: Continued

Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Number of organisms/sq.ft.	1413	
Number of taxa	18	11
Diversity index, $\bar{d}$[e]	0.49	

(a) Station name - Beneficial use designation EWH, SNRW (Exceptional Warmwater Habitat, State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-61: Organisms Collected from Scioto Brush Creek

Scioto Brush Creek - EWH[a]
Near mouth, SR 104 - RM 0.2[b]
June 27 to August 8, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	9	
Turbellaria:	Unidentified	8	
Annelida:	Oligochaeta	5	+
Decapoda:	Orconectes sp		+
Ephemeroptera:	Stenacron sp	95	+
	Stenonema pulchellum group	29	
	Stenonema femoratum group	15	
	Caenis sp	35	+
	Tricorythodes sp	2	
	Ephemerella sp	3	
	Choroterpes sp		+
	Ephemera sp		+
Odonata:	Dromogomphus sp		+
	Boyeria vinosa		+
	Neurocordulia sp	2	
	Coenagrionidae	3	
Plecoptera:	Acroneuria sp	1	
Megaloptera:	Sialis sp		+
Trichoptera:	Cheumatopsyche sp	4	
	Macronema sp	1	
	Neureclipsis sp	12	
	Polycentropus sp A	5	
	Polycentropus sp B	2	
	Oecetis sp	5	
	Oxyethira sp	1	
Coleoptera:	Dubiraphia sp	1	
	Macronychus glabratus	29	
	Ancyronyx variegata	1	
	Psephenus sp		+
	Dineutus sp	3	
	Berosus sp		+
	Peltodytes sp		+

(Continued on next page)

RD 3-61: Continued

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Diptera:	Ablabesmyia sp	76	
	Pentaneura sp	53	
	Harnischia (Cladopelma) nais	8	
	Polypedilum sp	31	
	Tanytarsus sp A	8	+
	Tanytarsus sp B	8	
	Stenochironomus sp		+
	Calopsectra sp	132	
	Psectrocladius sp	8	
	Empididae	7	
Gastropoda:	Goniobasis livescens		+
Pelecypoda:	Sphaerium sp		+
	Number of organisms/sq.ft.	151	
	Number of taxa	32	16
	Diversity index, $\bar{d}$[e]	3.79	

(a) Station name - Beneficial use designation EWH (Exceptional Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Four artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-62: Organisms Collected from the Hocking River

Hocking River - 601530 - WWH[a]
Enterprise - RM 73.4[b]
August 4 to September 16, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Bryozoa:	Plumatella sp		+
Annelida:	Oligochaeta	27	
Isopoda:	Asellus sp	1	+
Decapoda:	Orconectes sp		+
Ephemeroptera:	Stenacron interpunctatum	32	+
	Stenonema integrum	2	
	Stenonema exiguum	2	
	Stenonoma pulchellum	8	+
	Baetis sp	13	+
	Tricorythodes sp	1	
Odonata:	Agrion sp		+
	Enallagma sp		+
	Ischnura sp	5	+
Trichoptera:	Cheumatopsyche sp	13	+
	Hydropsyche sp	2	+
Coleoptera:	Dubiraphia sp	1	
	Tropisternus sp		+
Diptera:	Pentaneura sp	98	
	Polypedilum (Polypedilum) fallax	30	
	Polypedilum (Polypedilum) convictum	60	
	Cryptochironomus sp		+
	Calospectra sp	69	
	Cricotopus sp	7	
	Number of organisms/sq.ft.	74	
	Number of taxa	17	13
	Diversity index, $\bar{d}$[e]	3.10	

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-63: Organisms Collecte from the Hocking River

Hocking River - 601550 - WWH[a]
Lancaster, SR 33 - RM 47.0[b]
July 3, to August 14, 1974

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	117	+
Annelida:	Oligochaeta	5312	+
	Helobdella sp	38	
	Erpobdella sp	5	+
	Placobdella parasitica		+
Amphipoda:	*Hyalella azteca*		+
Decapoda:	*Orconectes* sp	2	+
Odonata:	*Cordulia* (?) sp	1	
	Enallagma (?) sp		+
	Coenagrionidae	16	
Coleoptera:	*Dubiraphia* sp	16	
	Peltodytes sp		+
Diptera:	*Pentaneura* sp	96	+
	Cricotopus sp	144	+
	Ceratopogonidae	1	
	Unidentified	120	
Gastropoda:	*Physa* sp	24	+
	Helisoma sp		+
	Number of organisms/sq. ft.	1178	
	Number of taxa[e]	13	12
	Diversity index, $\bar{d}$[e]	0.73	

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-64: Organisms Collected from the Hocking River

Hocking River - 601650 - WWH[a]
Athens - RM 33.1[b]
August 4 to September 15, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Nematoda:	Unidentified	9	
Amphipoda:	*Hyalella azteca*	19	+
Decapoda:	Unidentified		+
Ephemeroptera:	*Stenacron interpunctatum*	4	+
	Stenonema pulchellum	21	
	Stenonema integrum	8	
	Tricorythodes sp	276	
	Baetis sp	5	
Odonata:	*Gomphus* sp		+
	Boyeria sp		+
	Argia sp	2	+
	Ischnura sp	3	+
Megaloptera:	*Sialis* sp	1	+
Trichoptera:	*Hydropsyche* sp	70	
	Cheumatopsyche sp	113	
	Neureclipsis sp	23	
Coleoptera:	*Dubiraphia* sp	9	
	Tropisternus sp		+
Diptera:	*Pentaneura* sp	122	
	Glyptotendipes senilis	11	
	Polypedilum (*Polypedilum*) *convictum*	78	
	Tanytarsus (*Tribelos*) *quadripunctatus*	33	
	Cricotopus sp	89	
	Calopsectra sp	11	
	Ceratopogonidae	11	
Gastropoda:	*Ferrissia* sp	2	

(Continued on next page)

Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Number of organisms/sq.ft.	184	
Number of taxa	22	9
Diversity index $\bar{d}$[e]	3.30	

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-85. Organisms Collected from Clear Creek

Clear Creek - EWH, SNRW[a]
Above USGS Gage - RM 2.1[b]
September 1 to October 14, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	8	
Turbellaria:	Unidentified	1	
Annelida:	Oligochaeta	372	
Amphipoda:	Hyalella azteca	1	
Ephemeroptera:	Stenacron interpunctatum	28	+
	Stenonoma pulchellum	34	+
	Stenonema integrum	2	
	Caenis sp	1	
	Isonychia sp		+
Odonata:	Boyeria sp		+
	Agrion sp		+
Hemiptera:	Ranatra sp		+
	Trichocorixa sp		+
Megaloptera:	Corydalus cornutus		+
Trichoptera:	Cheumatopsyche sp	109	+
	Hydropsyche sp	38	+
	Potamyia flava	5	
Coleoptera:	Optioservus sp	1	
	Dubiraphia sp	15	
	Ancyronyx variegata	1	
	Microcylloepus sp	1	
Diptera:	Tipula sp	2	+
	Pentaneura sp	423	
	Procladius sp	17	
	Polypedilum (Polypedilum) fallax	17	
	Glyptotendipes senilis	17	
	Glyptotendipes sp	34	
	Microtendipes sp	34	
	Tendipes (Tendipes) riparius	167	
	Calospectra sp	85	
	Cricotopus sp	51	
	Ceratopogonidae	5	

(Continued on next page)

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Gastropoda:	*Ferrissia* sp	14	
	Physa sp	5	+
Pelecypoda:	*Sphaerium* sp		+
	Number of organisms/sq.ft.	298	
	Number of taxa	28	13
	Diversity index, $\bar{d}$[e]	3.21	

(a) Station name - Beneficial use designation EWH (Exceptional Warmwater Habitat), SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

Clear Creek - EWH, SNRW[a]
Above USGS Gage - RM 2.1[b]
August 24 to October 4, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	2	
Nemotoda:	Unidentified	17	
Annelida:	Oligochaeta	805	
Decapoda:	Orconetes sp		+
Ephemeroptera:	Stenonema vicarium	196	+
	Stenonoma pulchellum	3	+
	Stenacron sp	3	
	Ephemera sp	1	
	Isonychia sp	21	+
	Caenis sp	2	
	Tricorythodes sp	4	
	Ephemerella funeralis	7	
	Baetis sp	15	
Odonata:	Gomphus (Gomphus) sp		+
	Boyeria vinosa		+
	Agrion sp		+
	Hetaerina sp	1	
Plecoptera:	Taeniopteryx nivalis	9	
Megaloptera:	Corydalus cornutus		+
Trichoptera:	Cheumatopsyche sp	379	+
	Symphitopsyche bifida group	149	+
	Hydropsyche simulans	12	+
Coleoptera:	Macronychus glabratus	16	
	Dubiraphia sp	1	
	Helichus sp	1	
Diptera:	Tipula sp	1	+
	Antocha sp	9	
	Simuliidae	2	
	Pentaneura sp	122	
	Polypedilum (Polypedilum) fallax	98	
	Polypedilum sp		+
	Tanytarsus (Stictochironomus) sp		+
	Calospectra Calospectra group	171	

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	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Diptera: (Continued)	Calospectra Atanytarsus group	783	
	Eukiefferiella sp	147	
	Cricotopus exilis	245	+
	Brillia sp	49	
	Trichocladius sp	98	
	Psectrocladius sp	24	
	Corynoneura sp	24	
	Hydrobaeninae	73	
	Empididae	44	
Gastropoda:	Ferrissia sp	2	
	Number of organisms/sq.ft.	707	
	Number of taxa	36	15
	Diversity index, $\bar{d}$[e]	3.55	

(a) Station name - Beneficial use designation EWH (Exceptional Warmwater Habitat), SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

Jerome Fork - WWH, LWH [b]
August 9 to September 26, 1977

Taxa		Station (RM)[c] 14.0	9.1	0.9
Turbellaria:	Unidentified	4		
Annelida:	Oligochaeta	25	286+	33
	Erpobdella punctata		2	
Ephemeroptera:	Stenacron interpunctatum	56+	6+	2
	Stenonema tripunctatum	38		2
	Ephemerella bicolor group	10		4
	Caenis sp	116+	2	2
	Paraleptophlebia sp	8	8	4
	Tricorythodes sp			2
	Nelocloeon sp	6		
Odonata:	Epiaeschna sp	+		
	Boyeria sp		+	
	Argia sp	6	2	
	Ischnura sp			2
Hemiptera:	Corixidae			+
	Belostoma sp			+
	Gerris sp	+		52
Trichoptera:	Cheumatopsyche sp	8+	+	4
	Polycentropus sp	2		
Coleoptera:	Dubiraphia sp	66	2	26
	Macronychus glabratus	16		
	Stenelmis sp	8		2
	Psephenus herriki		+	
Diptera:	Tipula sp		+	
	Pentaneura sp	107	40	367
	Ablabesmyia sp			12+
	Tanytarsus (Tribelos) jucundus	71		
	Polypedilum (Polypedilum) fallax	35	33	83
	Tendipes (Limnochironomus) nervosus	107	13	24
	Tendipes (Limnochironomus) sp		20	83+

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	Taxa	Station (RM)[c] 14.0	9.1	0.9
	Glyptotendipes (Glyptotendipes) senilis		7	36+
	Polypedilum (Pentadilum) tritum		7	
	Polypedilum (Tripodura) scalaenum			12
	Tanytarsus (Endochironomus) subtendens			12
	Cryptochironomus sp			12
	Microtendipes sp	350		
	Calopsectra Atanytarsus group		20	36
	Calopsectra Rheotanytarsus group		13	24
	Calopsectra Calopsectra group	35		12
	Cricotopus sp	213	7	143
	Cricotopus bicinctus		13+	12
	Psectrocladius sp	35		12
	Ceratopogonidae			8
	Chrysops sp		4	
Gastropoda:	Physa sp	2	44+	2
	Gyraulus sp	14		
	Ferrissia sp	34	8+	24
	Number of organisms/sq. ft.	274	107	210
	Number of taxa[d]	25	20	30
	Diversity index, $\bar{d}$[d]	3.67	2.72	3.50
	Samplers/site	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated by a +.
(b) Station location - Beneficial use designation WWH (Warmwater Habitat), LWH (Limited Warmwater Habitat). The Ashland STP discharge is lcated at RM 12.3.
(c) RM (river mile).
(d) Artificial substrate sample only.

Kokosing River - WWH, SNRW[b]
August 1 to September 12, 1977

Taxa		Station (RM)[c] 29.6	23.3	20.6	11.6
Porifera:	Spongilla sp			+	
Coelenterata:	Hydra sp	4	24	1	4
Turbellaria:	Unidentified		1		
Nematoda:	Unidentified			2	
Bryozoa:	Plumatella sp	1			1+
Annelida:	Oligochaeta	88	60+	6+	196
Isopoda:	Unidentified	1			
Amphipoda:	Gammarus lacustris (?)	+			
Ephemeroptera:	Stenacron interpunctatum	84+	66+	156+	55+
	Stenonema pulchellum	139+	9	89+	407+
	Stenonema bipunctatum	139		11	352
	Stenonema nepotellum		3		102+
	Stenonema terminatum			95	
	Stenonema tripunctatum		5		
	Caenis sp	36+	10	14	20+
	Tricorythodes sp	76	2	8	56+
	Baetis sp	7+			16
	Pseudocloeon sp	29	+	+	18
	Isonychia sp	16	1+	22	364+
	Ephemerella sp	78			2
	Potamanthus sp			+	
	Ephemera sp				2
Odonata:	Boyeria	+			
	Hetaerina sp	1	1		
	Agrion sp			4	
	Argia sp		10	2+	
	Coenagrionidae		38		6
Plecoptera:	Acroneuria arida				+
Megaloptera:	Sialis sp			+	
Trichoptera:	Cheumatopsyche sp	153+		545+	163+

(Continued on next page)

	Taxa	Station (RM)[c] 29.6	23.3	20.6	11.6
	Hydropsyche sp	258+	+	269	524+
	Potamyia flava	+			3
	Oecetis sp	1			
	Polycentropus sp		2		
	Chimarra sp	1			
	Agraylea sp			12+	
Coleoptera:	Dubiraphia sp	4	10	1	
	Optioservus sp	16	12		
	Ancyronyx variegata	5	5		6
	Stenelmis sp			2	
	Macronychus sp				10
	Psephenus herricki				+
	Berosus sp		6		
Diptera:	Tipula sp			+	
	Antocha sp	7			
	Simuliidae	1			
	Pentaneura sp	79	66+	140	33
	Procladius sp		16		
	Ablabesmyia sp		8		
	Glyptotendipes senilis	277	57	490+	98
	Glyptotendipes sp	158	57		
	Polypedilum (Polypedilum) fallax		16	47	65
	Polypedilum (Polypedilum) sp	198	16		164
	Polypedilum (Polypedilum) convictum			47	
	Tendipes (Tendipes) riparius		16		
	Tendipes sp				33
	Tanytarsus (Tribelos) quadripunctatus		17		
	Harnishchia sp				33
	Calopsectra sp	1544	164		2193
	Calopsectra Rheotanytarsus Group			607	
	Cricotopus sp	871	17	23	33
	Cricotopus bicinctus			23	
	Hydrobaenus sp		16	117	294

(Continued on next page)

	Taxa	Station (RM)[c] 29.6	23.3	20.6	11.6
	Ceratopogonidae				4
	Ephydra sp	1			6
Gastropoda:	*Physa* sp	1	21		2
	Ferrissia sp	12	189	58	10+
	Pleurocera sp	1			4+
	Gyraulus sp		1		
	Number of organisms/sq. ft.	857	188	558	1056
	Number of taxa[d]	33	33	26	34
	Diversity index, $\bar{d}$[d]	3.18	3.97	3.34	3.20
	Samplers/site	5	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated by a +.
(b) Station location - RM (river mile) - Beneficial use designation WWH (Warmwater Habitat), SNRW (State and National Resource Water). The Mt. Vernon STP discharge is located at RM 24.9.
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-69: Organisms Collected from the Muskingum River

Muskingum River - 611740 - LWH[a]
Below Coshocton, SR 83 - RM 108.1[b]
October 7 to November 18, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	2	
Annelida:	Oligochaeta	2331	+
Ephemeroptera:	Stenacron interpunctatum	3	
	Stenonema integrum	3	
	Stenonema pulchellum	1	
	Tricorythodes sp	2	
	Potamanthus sp	5	
Odonata:	Gomphus sp		+
Trichoptera:	Cheumatopsyche sp	119	+
Coleoptera:	Stenelmis sp	2	
Diptera:	Pentaneura sp	383	
	Glyptotendipes sp	310	
	Polypedilum (Polypedilum) fallax	36	
	Calopsectra sp	237	+
	Psectrocladius sp	73	
	Hydrobaeninae		+
	Ephydra sp		+
Gastropoda:	Ferrissia sp	9	
	Physa sp		+
	Number of organisms/sq.ft.	703	
	Number of taxa	15	7
	Diversity index, $\bar{d}$[e]	1.74	

(a) Station name - STORET code - Beneficial use designation LWH (Limited Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-70: Organisms Collected from the Muskingum River

Muskingum River - 61175 - WWH[a]
Dresden, SR 208 - RM 91.1[b]
August 8 to September 19, 1977

	Taxa	East Bank		West Bank	
		Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	48		352	
Bryozoa:	*Plumatella* sp	64	+	22	+
Annelida:	Oligochaeta	12		8	
Amphipoda:	Unidentified			4	
Ephemeroptera:	*Stenacron interpunctatum*	29			
	Stenonema pulchellum	148		48	
	Stenonema integrum	147		208	
	Caenis sp	16		64	
	Tricorythodes sp	64	+	128	+
	Baetis sp	36	+	40	+
	Pseudocloeon sp	16			
Odonata:	*Ischnura* sp		+		+
Trichoptera:	*Cheumatopsyche* sp	2021	+	1622	+
	Hydropsyche sp	2374	+	525	+
	Macronemum sp	516	+	276	+
	Potamyia flava	200	+	299	+
	Polycentropus sp	32		16	
Coleoptera:	*Dineutus* sp		+		+
Diptera;	*Tipula* sp			16	
	Pentaneura sp	405		457	
	Polypedilum (*Polypedilum*) *convictum*	541	+	915	+
	Glyptotendipes senilis	676			
	Calospectra sp	7300	+	9148	+
	Cricotopus sp	270			

(Continued on next page)

Taxa	East Bank		West Bank	
	Quantitative Sample[c]	Qualitative Sample[d]	Quantitative Sample[c]	Qualitative Sample[d]
Number of organisms/sq.ft.	2983		2830	
Number of taxa	20	11	18	11
Diversity index, $\overline{d}$[e]	2.50		2.00	

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

Muskingum River - 61175 - WWH[a]
Dresden, S.R. 208, East Bank - RM 91.1[b]
August 16 to September 28, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	426	+
Bryozoa:	Plumatella sp	1	
Annelida:	Oligochaeta	14	
	Branchiura sowerbyii		+
	Glossiphoniidae		+
	Astacidae	1	
Ephemeropetra:	Stenacron sp	327	
	Stenonema femoratum group	52	
	Stenonema sp		+
	Tricorythodes sp	472	+
	Isonychia sp	4	
	Baetis sp		+
Odonata:	Argia sp	4	
Megaloptera:	Corydalus cornutus	4	
Trichoptera:	Cheumatopsyche sp	480	+
	Hydropsyche sp	172	+
	Macronemum sp	240	
	Polycentropus sp	16	+
Coleoptra:	Stenelmis sp	12	
	Dubiraphia sp		+
Diptera:	Pentaneura sp	464	+
	Glyptotendipes sp	726	+
	Polypedilum sp	130	+
	Tribelos sp	38	
	Phaenopsectra sp	18	+
	Psectrocladius sp		+
Gastropoda:	Ferrissia sp	8	
	Physa sp	4	
Pelecypoda:	Sphaerium sp		+

(Continued on next page)

RD 3-71. Continued

Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Number of organisms/sq.ft.	708	
Number of taxa	22	15
Diversity index, $\bar{d}$[e]	3.30	

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

Muskingum River - 601860 - WWH[a]
McConnelsville, East Bank - RM 47.7[b]
August 24 to October 5, 1978

Taxa		Sampler 1	Sampler 2	Sampler 3	Total	Qualitative sample[c]
Bryozoa:	Plumatella repens			4	4	
Ephemeroptera:	Stenacron interpunctatum	4		4		+
	Stenonema pulchellum	47	28	52	127	+
	Stenonema integrum	65	8	46	119	
	Tricorythodes sp	12	4	8	24	+
	Caenis sp	4			4	
	Baetis sp		4		4	
Odonata:	Argia sp	4			4	
	Hetaerina sp		4		4	
	Dromogomphus sp					+
Megaloptera:	Corydalus cornutus		1		1	
Trichoptera:	Cheumatopsyche sp		19	5	24	
	Hydropsyche orris	2683	1608	1548	5839	+
	Potamyia flava	404	266	196	866	+
	Neureclipsis sp	18	19	12	49	+
	Polycentropus sp	34	10	113	157	+
Coleoptera:	Stenelmis sp	8			8	
Diptera:	Pentaneura sp	252	136	223	611	+
	Ablabesmyia sp	9		23	32	
	Glyptotendipes sp	17	7	16	40	+
	Tendipes (Einfeldia) insolita		7		7	
	Tanytarsus (Endochironomus) sp		7	8	15	
	Polypedilum (Polypedilum) illinoense	9		8	17	
	Calopsectra Rheotanytarsus group	42	28	31	101	
	Empididae	32	8	8	48	
Pelecypoda:	Sphaerium sp	4	9	1	14	
	Number of organisms (CV 30.2%)	3648	2173	2302	8123	
	Number of taxa (CV 3.3%)	18	18	17	25	10
	Diversity index, $\bar{d}$[d]	1.66				

(a) Station name - STORET code - Beneficial use designation WWH(Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

Muskingum River - (860 - WWH[a]
McConnelsville, West Bank - RM 47.7[b]
August 24 to October 5, 1978

Taxa		Sampler 1	Sampler 2	Total	Qualitative sample[c]
Coelenterata:	Cordylophora lacustris	1	2	3	
Turbellaria:	Unidentified	4		4	
Bryozoa:	Plumatella repens				+
	Urnatella gracilis	1		1	
Annelida:	Oligochaeta	4	1	5	
Decapoda:	Orconectes sp				+
Ephemeroptera:	Stenacron interpunctatum	4	26	30	+
	Stenonema pulchellum	1	3	4	
	Stenonema integrum	1	5	6	
	Tricorythodes sp		2	2	
Odonata:	Argia sp	7	2	9	+
	Boyeria vinosa				+
	Dromogomphus sp	1		1	
	Neurocordulia yamaskanensis	1		1	
Trichoptera:	Cheumatopsyche sp	1	2	3	
	Hydropsyche orris	138	223	361	
	Potamyia flava	49	26	75	
	Neureclipsis sp	12	34	46	+
	Polycentropus sp	4	15	19	+
Coleoptera:	Stenelmis sp	2	1	3	+
Diptera:	Pentaneura sp	184	215	399	+
	Ablabesmyia sp		6	6	
	Coelotanypus sp				+
	Glyptotendipes sp	9		9	
	Tanytarsus (Endochironomus) sp	14	31	45	+
	Calopsectra Rheotanytarsus group	5		5	
	Number of organisms (CV 20.6%)	443	594	1037	
	Number of taxa (CV 15.7%)	20	16	22	11
	Diversity index, $\bar{d}$[d]	2.44			

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

Muskingum River - 601860 - WWH[a]
McConnelsville, East Bank - RM 47.7[b]
August 3 to September 14, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Turbellaria:	Unidentified	16	24	12	52	
Bryozoa:	Pectinatella magnifica					+
	Plumatella repens		8		8	
Amphipoda:	Hyalella azteca					+
Ephemeroptera:	Stenacron interpunctatum			30	30	
	Stenonema integrum			36	36	
	Stenonema sp	1	18		19	
	Isonychia sp		8		8	
	Caenis sp	16	8	4	28	
	Tricorythodes sp		16	8	24	
Odonata:	Basiaechna janata					+
	Enallagma sp					+
Trichoptera:	Hydropsyche orris	2628	1158	441	4227	
	Cheumatopsyche sp	47		6	53	
	Potamyia flava	683	492	158	1333	+
	Polycentropus sp A	57	221	132	410	+
	Polycentropus sp B	9		2	11	
Coleoptera:	Ancyronyx variegata					+
Diptera:	Pentaneura sp	55	42		97	
	Ablabesmyia sp		42	53	95	
	Glyptotendipes sp	183	169	318	670	+
	Glyptotendipes (Glyptotendipes) senilis		42		42	+
	Polypedilum sp		126	26	152	+
	Polypedilum (Polypedilum) convictum	219			219	
	Tendipes (Limnochironomus) nervosus					+
	Calopsectra Rheotanytarsus group	548	547	371	1466	+
	Cricotopus sp	19			19	
	Empididae	1	1	5	7	
Pelecypoda:	Sphaerium sp		8		8	+

(Continued on next page)

Taxa	Sampler 1	2	3	Total	Qualitative Sample[c]
Number of organisms (CV 48.0%)	4482	2930	1602	9014	
Number of taxa (CV 10.0%)	14	17	15	23	13
Diversity index, $\bar{d}$ [d]	2.51				

(a) Station name - STORET code - Benefical use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

Muskingum River - 601860 - WWH[a]
McConnelsville, West Bank - RM 47.7[b]
August 3 to September 14, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Coelenterata:	Cordylophora lacustris		1	1	2	
Turbellaria:	Unidentified		1	2	3	
Bryozoa:	Pectinatella magnifica					+
Annelida:	Oligochaeta		1	1	2	
Amphipoda:	Hyalella azteca					+
Ephemeroptera:	Stenacron interpunctatum	1	7	18	26	
	Baetis sp			1	1	
Odonata:	Basiaeschna janata					+
	Argia sp	2			2	
	Enallagma sp					+
Trichoptera:	Hydropsyche orris	48	43	36	127	
	Cheumatopsyche sp		1		1	
	Potamyia flava	7	1	13	21	+
	Polycentropus sp A	305	144	157	606	+
	Polycentropus sp	5	1	1	7	
	Macronychus glabratus	1			1	
Coleoptera:	Ancyronyx variegata					+
	Stenelmis sp	1	1		2	
Diptera:	Ablabesmyia sp	8	12	9	29	
	Pentaneura sp	15	24	32	71	
	Labrundia sp			4	4	
	Glyptotendipes sp	171	42	90	303	+
	Glyptotendipes (Glyptotendipes) senilis					+
	Tendipes (Limnochironomus) nervosus	39	42	4	85	+
	Tanytarsus (Endochironomus) sp	53	18	9	80	
	Polypedilum sp					+
	Polypedilum (Polypedilum) convictum			9	9	
	Calopsectra Rheotanytarsus group		12		12	+
Pelecypoda:	Sphaerium sp					+

(Co· ·nued on next page)

Taxa	Sampler 1	2	3	Total	Qualitative Sample[c]
Number of organisms (CV 35.9%)	656	351	387	1394	
Number of taxa (CV 11.6%)	13	16	16	21	13
Diversity index, $\bar{d}$ [d]	2.60				

(a) Station name - STORET code - Benefical use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

Muskingum River - WWH[a]
Beverly, S.R. 76 - RM 24.0[b]
August 17 to September 28, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	8	
Annelida:	Oligochaeta	8	
Isopoda:	Asellus sp		+
Amphipoda:	Hyalella azteca		+
Ephemeropetra:	Stenonema sp	32	+
	Tricorythodes sp		+
Odonata:	Neurocordulia sp		+
	Argia sp		+
Megaloptera:	Corydalus cornutus	8	
Trichoptera:	Cheumatopsyche sp	840	
	Hydropsyche sp	2112	+
	Polycentropus sp	2264	+
Coleoptera:	Hydrochus sp		+
Diptera:	Pentaneura sp	33	
	Tendipes sp	50	
	Glyptotendipes sp	567	+
	Polypedilum sp	33	+
	Tribelos sp	67	
	Microtendipes sp	17	+
	Tanytarsus sp		+
Gastropoda:	Goniobasis sp		+
Pelecypoda:	Sphaerium sp	88	+
	Number of organisms/sq.ft.	613	
	Number of taxa	14	15
	Diversity index, $\bar{d}$[e]	2.17	

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Ten artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-77: Organisms Collected from the Tuscarawas River

Tuscarawas River - 601903 - LWH[a]
Below Massilon, Warmington Road - RM 87.4[b]
August 2 to September 13, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Turbellaria:	Unidentified					+
Bryozoa:	*Plumatella repens*	7	7	5	19	+
Annelida:	Oligochaeta	345	532	228	1105	
	Glossiphonia complanata					+
Ephemeroptera:	*Stenonema pulchellum* group		1	2	3	
Odonata:	*Argia* sp	1	7		8	+
	Ishnura sp		2	3	5	
	Coenagrionidae	2			2	
Coleoptera:	*Berosus* sp		1		1	
Diptera:	*Pentaneura* sp	11	54	2	67	
	Ablabesmyia sp	4	8		12	
	Tendipes (*Einfeldia*) *insolita*		3		3	
	Tendipes (*Limnochironomus*) *nervosus*			2	2	
	Glyptotendipes (*Glyptotendipes*) *senilis*		3		3	
	Calopsectra Atanytarsus Group		3		3	
	Cricotopus bicinctus	9	65	4	78	
	Psectrocladius sp	2			2	
	Ceratopogonidae		1		1	
Gastropoda:	*Physa* sp	12	25	3	40	+
	Lymnaea sp					+
Pelcypoda:	*Sphaerium* sp					+
	Number of organisms (CV 52.5%)	393	712	249	1354	
	Number of taxa (CV 31.1%)	9	14	8	17	7
	Diversity index, $\bar{d}$[d]	1.20				

(a) Station name - STORET code - Beneficial use designation LWH (Limited Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

Sugar Creek - WWH[a]
Near Dover, S.R. 211 - RM 0.6[b]
August 20 to October 1, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Bryozoa:	Plumatella sp	12	
Isopoda:	Asellus sp	2	
Amphipoda:	Hyalella azteca		+
Decapoda:	Gammarus sp	4	+
	Orconectes sp		+
Ephemeropetra:	Stenonema sp	34	+
	Tricorythodes sp	264	+
	Baetis sp	18	+
	Centroptilum sp		+
	Baetinae	12	+
Odonata:	Argia sp		+
Hemiptera:	Pelocoris sp		+
Trichoptera:	Cheumatopsyche sp	187	+
	Hydropsyche sp	124	+
	Polycentropus sp	4	
Coleoptra:	Stenelmis sp	8	+
	Laccophilus sp		+
Diptera:	Simulium sp	10	+
	Pentaneura sp	639	+
	Glyptotendipes sp	35	+
	Polypedilum sp	121	+
	Tribelos sp	17	
	Calopsectra sp	224	
	Cricotopus sp	52	
Pelecypoda:	Sphaerium sp		+
	Number of organisms/sq.ft.	353	
	Number of taxa	18	19
	Diversity index, $\bar{d}$[e]	2.92	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-79: Organisms Collected from the Mohican River

Mohican River - 601870 - SNRW[a]
Greer, East Bank - RM 16.7[b]
August 1 to September 12, 1978

Taxa		Sampler 1	Sampler 2	Sampler 3	Total	Qualitative sample[c]
Coelenterata:	Hydra sp	3	8	8	19	
Annelida:	Oligochaeta	2			2	+
Ephemeroptera:	Heptageniidae		17		17	
	Stenonema quinquespinum	45		16	61	
	Baetis sp	42	105	53	200	+
	Pseudocloeon sp A	23	15	16	54	
	Pseudocloeon sp B	28	10	9	47	
	Tricorythodes sp			2	2	
Odonata:	Coenagrionidae		2		2	
Plecoptera:	Pteronarcys nobilis		4	3	7	
Megaloptera:	Corydalus cornutus		4		4	
Trichoptera:	Cheumatopsyche sp	182	275	187	644	+
	Symphitopsyche bifida group	103	404	108	615	+
	Symphitopsyche sp	10	75	14	89	+
	Neureclipsis sp	29	72	78	179	
Coleoptera:	Macronychus glabratus		4	2	6	
	Tropisternus sp					+
	Berosus sp					+
	Laccophilus sp					+
Diptera:	Simuliidae		1		1	
	Procladius sp					+
	Pentaneura sp	35		40	75	
	Polypedilum (Polypedilum) illinoense	35	24	20	79	+
	Calopsectra Rheotanytarsus group	1081	1115	897	3093	
	Calopsectra Paratanytarsus group	125			125	
	Calopsectra Group A	17		40	57	
	Cricotopus sp	35	49	20	104	
	Empididae			2	2	
	Stratiomys sp					+
Gastropoda:	Physa sp					+

(Continued on next page)

Taxa	Sampler 1	Sampler 2	Sampler 3	Total	Qualitative sample[c]
Number of organisms (CV 18.4%)	1795	2184	1515	5485	
Number of taxa (CV 5.9%)	16	17	18	24	12
Diversity index, $\bar{d}$[d]		2.41			

(a) Station name - STORET code - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

RD 3-80: Organisms Collected from the Mohican River

Mohican River - 601870 - SNRW[a]
Greer, West Bank - RM 16.7[b]
August 1 to September 12, 1978

Taxa		Sampler 1	2	3	Total	Qualitative sample[c]
Coelenterata:	Hydra sp	1	12	11	24	
Annelida:	Oligochaeta			1	1	+
Ephemeroptera:	Heptageniidae	6		9	15	
	Stenonema pulchellum		17		17	
	Baetis sp	18	28	57	103	+
	Pseudocloeon sp A	20	13	19	52	
	Pseudocloeon sp B	5	4	12	21	
	Tricorythodes sp	2	2		4	
Plecoptera:	Pteronarcys nobilis	2	4	4	10	
	Acroneuria arida	2			2	
Trichoptera:	Cheumatopsyche sp	89	169	171	429	+
	Symphitopsyche bifida group	60	23	64	147	+
	Symphitopsyche sp	27	11	30	68	+
	Neureclipsis sp	21	25	56	102	
	Hydroptilidae	14			14	
	Hydroptila sp			17	17	
Coleoptera:	Macronychus glabratus		6		6	
	Ancyronyx variegata		2		2	
	Stenelmis sp	4			4	
	Tropisternus sp					+
	Berosus sp					+
	Laccophilus sp					+
Diptera:	Procladius sp					+
	Pentaneura sp	166	91	113	370	
	Nilotanypus sp		36	42	78	
	Polypedilum (Polypedilum) illinoense	30	18	14	60	+
	Polypedilum (Polypedilum) fallax	57	73		130	
	Calopsectra Rheotanytarsus group	498	822	717	2037	
	Calopsectra Micropsectra group	14			14	
	Cricotopus sp	42		14	56	

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Taxa		Sampler 1	2	3	Total	Qualitative sample[c]
Diptera: (Continued)	Trissocladius sp		18		18	
	Psectrocladius sp			28	28	
	Empididae		2	4	6	
	Ceratopogonidae		1		1	
	Stratiomys sp					+
Gastropoda:	Physa sp		2		2	+
	Number of organisms (CV 13.7%)	1078	1379	1383	3840	
	Number of taxa (CV 7.5%)	20	22	19	31	12
	Diversity index, $\bar{d}$[d]	2.70				

(a) Station name - STORET code - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

RD 3-81. Organisms Collected from the Mohican River

Mohican River - 601870 - SNRW[a]
Greer, West Bank - RM 16.7[b]
August 1 to September 12, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Coelenterata:	Hydra sp	4	1	2	7	
Turbellaria:	Unidentified	2	4	2	8	
Annelida:	Oligochaeta	1	3	5	9	
Ephemeroptera:	Stenacron interpunctatum		3	2	5	
	Stenonema pulchellum			4	4	
	Stenonema quinquespinum	3	8	.	11	
	Tricorythodes sp	5	11	4	20	
	Baetis sp	20	14	14	48	
	Pseudocloeon sp	19	16	26	61	+
Plecoptera:	Acroneuria arida		2	2	4	
Megaloptera:	Corydalus cornutus		2	2	4	
Trichoptera:	Cheumatopsyche sp	178	112	217	507	+
	Symphitopsyche bifida group	74	23	109	206	+
	Hydropsyche sp	25	12	43	80	
	Neureclipsis sp	8	7	10	25	
	Hydroptilidae	1	2		3	
Coleoptera:	Dubiraphia sp		2		2	
	Macronychus glabratus	3	3	4	10	
	Ancyronyx variegata		3		3	
Diptera:	Pentaneura sp	74	100	126	300	
	Nilotanypus sp	74			74	
	Procladius sp					+
	Tendipes sp					+
	Glyptotendipes (Glyptotendipes) senilis	25			25	
	Polypedilum (Polypedilum) illinoense	123	125	188	436	
	Polypedilum fallax group sp 1		25		25	
	Polypedilum sp					+
	Calopsectra Rheotanytarsus group	1356	1154	1477	3987	
	Cricotopus bicinctus		25		25	
	Cricotopus sp	25		32	57	

(Continued on next page)

RD 3-81. Continued

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
	Psectrocladius sp			32	32	
	Trichocladius	25			25	
	Empididae	2			2	
Gastropoda:	Physa sp					+
	Number of organisms (CV 16.2%)	2047	1657	2301	6005	
	Number of taxa (CV 7.2%)	21	23	20	30	7
	Diversity index, $\bar{d}$ [d]	2.05				

(a) Station name - STORET code - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

Organisms collected from the Black Fork of the Mohican River

Black Fork of the Mohican River - WWH[a]
Shelby - RM 53.0[b]
July 1 to August 15, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	*Hydra* sp	5	
Turbellaria:	Unidentified	2	
Nematoda:	Unidentified	1	
Annelida:	Oligochaeta	150	+
Decapoda:	*Orconectes* sp		+
Ephemeroptera:	*Callibaetis* sp		+
Odonata:	Coenagrionidae	1	+
Coleoptera:	*Peltodytes* sp		+
	Stenelmis sp	1	
Diptera:	*Cricotopus* sp	2	
	Pentaneura sp	9	+
	Anatopynia (*Psectrotanypus*) *dyari*		+
	Procladius sp	16	+
	Ablabesmyia sp	39	
	Tendipes (*Einfeldia*) *insolita*	77	
	Lasiodiamesa (?) sp		+
	Tendipes sp	8	
Gastropoda:	*Physa* sp	112	+
	Ferrissia sp	13	
	Number of organisms/sq. ft.	87	
	Number of taxa	14	10
	Diversity index, $\bar{d}$[e]	2.52	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

Rocky Fork Mohican River - WWH[a]
Mansfield - RM 14.4[b]
July 1 to August 15, 1974

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Nematoda:	Unidentified	28	
Annelida:	Oligochaeta	3788	
	Erpobdella punctata		+
Odonata:	*Enallagma* sp		+
Coleoptera:	*Laccophilus* sp		+
Diptera:	*Pentaneura* sp	162	
	Cricotopus sp	5	
	Polypedilum sp	5	
Gastropoda:	*Physa* sp	72	
	Lymnaea sp	8	
	Number of organisms/sq. ft.	814	
	Number of taxa[e]	7	3
	Diversity index, $\bar{d}$[e]	2.21	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

Organisms collected from Wills Creek

Wills Creek - [illegible][a]
Cambridge - RM 58.5[b]
August 22 to October 4, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	61	
Turbellaria:	Unidentified	8	
Annelida:	Oligochaeta	3	+
	Branchiobdellidae		+
	Branchiura sowerbyii		+
Decapoda:	Orconectes sp		+
Ephemeroptera:	Stenacron interpunctatum	1170	+
	Baetis sp	6	
Hemiptera:	Rheumatobates sp		+
Trichoptera:	Cheumatopsyche sp	475	
	Hydropsyche sp	9	
	Potamyia flava	5	
Diptera:	Pentaneura sp	95	
	Glyptotendipes senilis	13	
	Glyptotendipes sp	32	
	Polypedilum (Polypedilum) convictum	25	
	Tanytarsus (Tribelos) quadripunctatus	70	
	Calopsectra sp	32	
	Cricotopus sp	6	
	Hydrophorus sp		+
	Number of organisms/sq.ft.	402	
	Number of taxa	15	7
	Diversity index, $\bar{d}$[e]	1.94	

(a) Station name - Beneficial use designation MD (Mine Drainage).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

Wills Creek - WWH[a]
Below Wills Creek Dam - RM 5.9[b]
August 16 to September 28, 1976

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	64	+
Annelida:	Oligochaeta	9	
Amphipoda:	*Hyalella azteca*		+
Ephemeroptera:	*Stenonema* sp		+
	Tricorythodes sp		+
	Baetis sp		+
Odonata:	*Argia* sp	9	+
Megaloptera:	*Sialis* sp	2	
	Corydalus cornutus		+
Trichoptera:	*Cheumatopsyche* sp	173	+
	Hydropsyche sp	71	+
	Polycentropus sp	433	
Coleoptera:	*Stenelmis* sp	3	
	Dubiraphia sp		+
Diptera:	*Pentaneura* sp	38	
	Tendipes sp	114	+
	Glyptotendipes sp	1402	+
	Polypedilum sp	38	+
	Tribelos sp	57	
	Calopsectra sp		+
	Cricotopus sp		+
Pelecypoda:	*Sphaerium* sp		+
	Number of organisms/sq.ft.	603	
	Number of taxa	13	16
	Diversity index, $\bar{d}$[e]	2.07	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Four artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-86. Organisms Collected from Crooked Creek

Crooked Creek - MD[a]
Cambridge, SR 209 - RM 2.6[b]
June 27 to August 8, 1975

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Annelida:	Oligochaeta	5	
	Glossiphoniidae		+
Amphipoda:	Hyalella azteca		+
Ephemeroptera:	Stenacron sp	45	+
	Caenis sp	9	+
Odonata:	Argia sp	19	+
Megaloptera:	Sialis sp	2	
Trichoptera:	Polycentropus sp	2	
Coleoptera:	Dubiraphia sp		+
Diptera:	Pentaneura sp	83	+
	Tendipes (Einfeldia) insolita	62	
	Glyptotendipes sp	7	
	Glyptotendipes (Glyptotendipes) senilis	35	
	Harnischia (Cladopelma) sp	7	
	Tanytarsus (Endochironomus) sp	153	+
	Polypedilum sp	14	+
	Polypedilum (Polypedilum) fallax		+
	Calopspectra sp	21	
	Number of organisms/sq. ft.	93	
	Number of taxa[e]	14	10
	Diversity index, $\bar{d}$[e]	2.94	

(a) Station name - Beneficial use designation MD (Mine Drainage).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-87. Organisms Collected from Four Stations on the Mahoning River[a]

Mahoning River - (WWH)[b]
July 18 to October 10, 1974

Taxa		Station (RM)[c] West Branch 1.9	East Branch 54.8	Mahoning 51.8	47.5
Coelenterata:	Hydra sp		1	16	
Turbellaria	Unidentified		7	112	8
Nematoda:	Unidentified		2	24	
Bryozoa:	Plumatella repens		9	8	+
Annelida:	Oligochaeta	165	104+	512+	172+
Isopoda:	Asellus communis	33+			
Amphipoda:	Hyalella azteca	+	+		
	Crangonyx sp		+		
Decapoda:	Orconectes sp		+		
Ephemeroptera:	Stenonema pulchellum group	4+	397		
	Stenacron sp	10+	179+		
	Baetidae	+			
	Heptageniidae			4	
Odonata:	Basiaeschna sp			+	
	Enallagma sp		+	+	+
	Argia	+	1+	16+	
	Gomphus sp				+
Hemiptera:	Belastoma sp		+		
	Sigara sp	+			
Megaloptera:	Sialis sp	2			
Trichoptera:	Polycentropus sp	3+	1+	8	84+
	Limnophilus (?) sp	+			
	Psychomyiidae	33	1		
	Neureclipsis sp		5	75+	12
	Cheumatopsyche sp	12+	449+	108+	
	Hydropsyche orris		107	17	
	Hydropsyche betteni		3		
	Symphitopsyche bifida group		1		
	Hydropsyche sp	+	4	12	
	Limnephilidae				4
Coleoptera:	Peltodytes sp				+

(Continued on next page)

	Taxa	Station (RM)[c] West Branch 1.9	East Branch 54.8	Mahoning 51.8	47.5
Coleoptera: (Continued)	Laccophilus sp		+		
	Dineutus sp			+	
	Ancyronyx variegata		8		+
	Dubiraphia sp	9	+		
	Macronychus glabratus	19	25		
	Stenelmis sp	+			
Diptera:	Tipula sp	+			
	Simulium vittatum		31		
	Simuliidae	+			
	Empididae	18		4	
	Culicoides (?) sp	3		4	4
	Chysops sp	+			
	Tendipes sp	+			
	Cryptochironomus sp	+			
	Tanytarsus (Tribelos) sp	58+			
	Polypedilum fallax	40			
	Polypedilum sp	40			4
	Pentaneura sp	18	53		
	Calopsectra sp	18	293		
	Microtendipes sp	46			
	Cricotopus sp	23	9		
	Stenochironomus sp	6	26	32	4
	Trichocladius sp	6			
	Eukiefferiella sp		18		
	Psectrocladius sp		9		
	Glyptotendipes sp		18		
	Tanytarsus sp				+
Gastropoda:	Amnicola sp	+	+		
	Physa sp			64+	20
	Ferrissia sp	8	31		
	Menetus dilatatus			140	24
Pelecypoda:	Musculium sp		+	24+	32
	Sphaerium sp		+		
	Pisidium sp	7+			
	Unionidae			+	

(Continued on next page)

Taxa	Station (RM)[c]			
	West Branch	East Branch	Mahoning	
	1.9	54.8	51.8	47.5
Number of organisms/sq. ft.	116	368	236	72
Number of taxa[d]	23	27	18	11
Diversity index, $\bar{d}$[d]	3.71	3.25	2.90	2.29
Samplers/site	5	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation WWH (Warmwater Habitat).
(c) RM (river mile).
(d) Artificial substrate sample only.

Organisms collected from three stations on the St. Joseph River[a]

St. Joseph River — WWH[b]
July 10 to August 21, 1975

Taxa		Station (RM)[c] 51.3	49.8	42.3
Coelenterata:	Hydra sp	3	88	262
Turbellaria:	Tricladida		5	12
Nematoda:	Unidentified		+	
Annelida:	Oligochaeta		21	21
Amphipoda:	Gammarus sp	+		
Decapoda:	Orconectes sp		+	+
	Astacidae			2
Ephemeroptera:	Ephoron album	1 +		
	Ephemeridae			2
	Stenacron sp	+	30 +	186 +
	Stenonema pulchellum group	421 +	261 +	4 +
	Paraleptophlebia (?) sp	3	125	60
	Caenis sp		4	2
	Tricorythodes sp		12	7 +
	Baetis sp	36	16	
	Callibaetis sp	2		+
	Centroptilum sp		+	
Odonata:	Boyeria vinosa	+		
	Agrion sp	+		
	Hetaerina sp		1	
	Argia sp			11 +
	Coenagrionidae		3	
Plecoptera:	Acroneuria abnormis	20	15	1
Hempitera:	Sigara sp		+	
	Trichocorixa sp			+
Megaloptera:	Sialis sp			2

(Continued on next page)

Taxa		Station (RM)[c] 51.3	49.8	42.3
Trichoptera:	Cheumatopsyche sp	30 +	48	+
	Symphitopsyche bifida group	50 +	1	
	Hydropsyche sp	13 +		
	Polycentropus sp		5 +	16
	Neureclipsis sp	5 +		
	Pycnopsyche sp	8	1	4
Coleoptera:	Berosus sp			7
	Dubiraphia sp	1 +	+	1
	Macronychus glabratus	19 +	17 +	2 +
	Stenelmis sp	17 +	22 +	1 +
Diptera:	Pentaneura sp	29	31	4
	Pentaneura monilis group			15
	Cryptochironomus sp			+
	Cryptochironomus s.l. sp B	22		
	Tendipes sp			4
	Glyptotendipes (Glyptotendipes) senilis		9	7
	Tanytarsus (Tanytarsus) obediens			7
	Tanytarsus (Endochironomus) sp	15 +	22	52
	Polypedilum sp	88	41	45 +
	Polypedilum (Polypedilum) fallax	29	35	11
	Calopspectra sp	103	15	11
	Brillia sp	7		
	Psectrocladius sp	7	2	4
	Trichocladius sp	15	7	
	Unidentified			4
	Ceratopogonidae		1	2
	Empididae	5 +		
Gastropoda:	Ferrissia sp	2		
Pelecypoda:	Sphaeriidae			1

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Taxa	Station (RM)[c] 51.3	49.8	42.3
Number of organisms/sq. ft.	190	168	154
Number of taxa[d]	26	27	32
Diversity index, $\bar{d}$[d]	3.14	3.54	3.19
Sampler/site	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation WWH (Warmwater Habitat). The Edgerton Metal discharge is located at RM 50.92.
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-89: Organisms Collected from Ten Stations on the Ottawa and Auglaize Rivers [a]
Ottawa - LWH, WWH [b]
July 18 to August 29, 1977

Taxa		Station (RM) [c] Ottawa 46.0	37.7	37.4	36.8	32.6	28.8	22.1	1.0	Auglaize 34.6	28.5
Coelenterata:	Hydra sp	119							45	4	6
Turbellaria:	Unidentified								3		
Bryozoa:	Plumatella repens	4	2*							4	26*
Annelida:	Oligochaeta	2	1572*	32	2		16*	4*	101*	42	16
	Branchiobdellidae	2*								*	
	Branchiura sowerbyii									*	
	Hirudinidae		*								
	Helobdella stagnalis		*	2							
	Erpobdella sp		*								
Isopoda:	Lirceus sp				*						
Amphipoda:	Hyalella azteca	1	*	*							
Decapoda:	Astacidae	1*								2	
	Orconectes sp		*							*	*
Ephemeroptera:	Potamanthus sp										*
	Hexagenia sp								*		
	Stenacron interpunctatum	36*						*	136*	207*	79*
	Stenonema femoraturm										*
	Stenonema pulchellum									4	
	Heptagenia sp										3
	Tricorythodes sp									3	7*
	Caenis sp	10							34*	6*	14*
	Baetis sp	*						*		7*	69*
	Callibaetis sp						*	*			*
	Pseudocloeon sp	5								*	
	Neocloeon sp								*		
	Baetidae						4				
Odonata:	Dromogomphus sp								*		
	Anax sp			*		*	*				
	Libellula lydia		*		*		*	*			
	Argia sp	7		8	1*			*	7*	23	5*
	Enallagma sp	*		82*		12*	*				

(Continued on next page)

Taxa		Station (RM) (c)									
							Ottawa			Auglaize	
		46.0	37.7	37.4	36.8	32.6	28.8	22.1	1.0	34.6	28.5
	Ischnura sp	1	4*		*					9*	
	Coenagrionidae							4*			*
	Hetaerina sp										*
Plecoptera:	Acroneuria arida	*									
Hemiptera:	Trichocorixa sp							*			
	Corixidae						*		*		
	Buenoa sp				*		*				
	Notonecta sp				*						
	Pelocoris sp							*			
	Ranatra sp									*	
	Belastoma sp					*	*				
Megaloptera:	Sialis sp	*							1*		1
Trichoptera:	Cheumatopsyche sp	*							1	60*	173*
	Symphitopsyche bifida group										9
	Hydropsyche sp										*
	Polycentropus sp	2*								1	
	Chimarra obscura	*									
Lepidoptera:	Paragyractus sp									*	
Coleoptera:	Dubiraphia sp								*	6	*
	Dubiraphia vittata	2	*								
	Stenelmis sp		*							9*	3*
	Macronychus glabratus										4
	Psephenus herricki	*									
	Laccophilus sp						*	*		*	
	Dineutus sp							4		1	
	Enochrus sp							*			
	Berosus sp			10*	1	12*	*	76*			
	Tropisternus sp					*		*		*	*
	Peltodytes sp		*				*				
Diptera:	Simulium sp							*			*
	Procladius sp			107	*	94*	*	29	*		
	Pentaneura sp	17		534	175	235*	22	79	10	83	38
	Ablabesmyia sp	17		*						10	3
	Ablabesymia hauberi(?)							14			6*

(Continued on next page)

Taxa	Station (RM) (c) Ottawa 46.0	37.7	37.4	36.8	32.6	28.8	22.1	1.0	Auglaize 34.6	28.5
Anatopynia (Psectrotanypus) dyari							*	*		
Cryptochironomus sp								*	10	
Tendipes sp		*	13*		988*		7			
Tendipes (Tendipes) riparius	17	63								
Tendipes (Limnochironomus) nervosus	17									
Tendipes (Einfeldia) insolita			213				7	10		
Glyptotendipes sp	123	626*	2562	*	141*	1668*	7	514*	388	46*
Glyptotendipes (Glyptotendipes) senilis	71	230						20		
Harnischia (Harnischia) abortiva					47	22				
Paratendipes sp	194								10	
Tanytarsus (Tribelos) quadripunctatus	17	63		12					10	
Tanytarsus (Endochironomus) sp			*							
Tanytarsus (Stictochironomus) sp										*
Polypedilum sp			107*		*		*			
Polypedilum (Polypedilum) sp		*		245*						
Polypedilum (Polypedilum)fallax	17								10	6
Polypedilum (Polypedilum) convictum	*				659				*	191*
Polypedilum (Pentapedilum) tritum							468	20		9
Microtendipes sp	158								51	14

(Continued on next page)

Taxa		Station (RM) (c) Ottawa 46.0	37.7	37.4	36.8	32.6	28.8	22.1	1.0	Auglaize 34.6	28.5
	Calopsectra sp	140								51	
	Calopsectra Group A								10		
	Calopsectra Rheotonytarsus group										12
	Cricotopus sp			107	23*					10	
	Cricotopus bicinctus			*		*		7*			
	Cricotopus sylvestris group			*		*					
	Hydrobaenus sp				70						
	Psectrocladius sp				12						9
	Ceratopogonidae	1						4	7	5	
	Empididae			2							
Gastropoda:	Physa sp	*	4*	2	3			4*		*	
	Ferrissia sp	8	34							2	
	Pleurocera sp	1*								4*	
	Goniobasis sp				1*						
	Helisoma sp		*								
	Helisoma trivolvis							*			
Pelecypoda:	Sphaerium sp	*								*	
	Number of organisms/ sq. ft.	198	520	746	109	438	346	143	183	213	150
	Number taxa(d)	27	9	14	11	8	5	14	14	30	24
	Diversity Index $\bar{d}$(d)	3.44	1.62	1.90	1.96	2.04	0.29	1.87	2.20	3.27	3.37
	Samplers/site	5	5	5	5	5	5	5	5	5	5

(a) Qualitative samples were also collected from the natural substate and their presence is indicated by an asterik *.
(b) Station location - Beneficial use designation LWH (Limited Warmwater Habitat), WWH, (Warmwater Habitat).
(c) RM (river mile).
(d) Artificial substrate samples only.

RD 3-90: Organisms Collected From Eight Stations on the Ottawa River (a)
Ottawa River - LWH, WWH (b)
June 21 to August 2, 1976

Taxa		Station (RM) (c) 46.0	37.7	37.4	36.8	32.6	28.8	16.0	1.0
Coelenterata:	Hydra sp	56							
Turbellaria:	Unidentified	2							
Nematoda:	Unidentified		2	2					
Bryozoa:	Plumatella repens	1							
Annelida:	Oligochaeta	6	23	95	7	9	2	18	23
	Helobdella stagnalis		2	10				16*	
	Helobdella papillata		*						
	Dina sp			8					
Isopoda:	Asellus sp							11	
Amphipoda:	Hyalella azetca	*	4*					48*	2
Decapoda:	Orconectes sp							*	3
Ephemeroptera:	Stenacron sp	179*							88*
	Caenis sp	12							1
	Baetis sp	1							
	Callibaetis sp		*				*	8*	
Odonata:	Libellula sp			*				*	
	Anax sp			*			*		
	Argia sp	5							38*
	Enallagma sp		*	56*	20*	*	*	*	
	Coenagrionidae	*	1				8	4	
Hemiptera:	Sigara sp							*	*
Megaloptera:	Sialis sp								10*
Trichoptera:	Symphitopsyche bifida group	*							
Coleoptera:	Peltodytes sp				*				
	Dubiraphia sp	1							
	Stenelmis sp	1*							
	Tropisternus sp			*					
	Berosus sp			1		*	*	8	
Diptera:	Pentaneura sp	1			186			13	20
	Pentaneura sp A	8							
	Pentaneura sp B	8							
	Labrundia	5							

(Continued on next page)

Taxa		Station (RM) (c) 46.0	37.7	37.4	36.8	32.6	28.8	16.0	1.0
	Procladius sp	38*		24		*	*		13
	Tendipes sp		77*	1563*	372*	*			3
	Tendipes (Einfeldia) insolita								107*
	Glyptotendipes (G) senilis	15							
	Glyptotendipes sp	11	2	220		11625*	3858*	258	98
	Tanytarsus (Endochironomus) sp	2*							
	Paratendipes sp	5							
	Harnischia (H) abortiva	5	1*				174	7	
	Polypedilum (P) fallax	11							3
	Polypedilum sp				41			7	3
	Microtendipes sp	33							
	Calopsectra sp	8							
	Calopsectra Rheotanytarsus group								23
	Calopsectra Group A	5							
	Cricotopus sp	15	*	98	641				
	Ceratopogonidae							8	
	Empididae							9	2
Gastropoda:	Physa sp	6	*	8	2*		18	9	2
	Ferrissia sp	1							14
	Helisoma trivolvis		*		*				
	Goniobasis sp	1*							
	Number of organisms/ sq. ft.	84	27	417	254	2327	812	85	91
	Number of taxa (d)	28	8	11	7	2	5	14	18
	Diversity index, $\bar{d}$(d)	3.16	2.03	2.31	1.73	0.01	0.32	2.27	3.10
	Samplers/site	5	4	5	5	5	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated by an asterik *.
(b) Station location - Beneficial use designation LWH (Limited Warmwater Habitat), WWH (Warmwater Habitat).
(c) RM (river mile).
(d) Artificial substrate sample only.

RD 3-91: Organisms Collected from Six Stations on the Ottawa River[a]
Ottawa River - LWH, WWH[b]
July 11 to August 20, 1974

Taxa		Station (RM) [c] 46.0	37.7	37.4	36.8	32.6	28.8
Turbellaria:	Unidentified	*					
Annelida:	Oligochaeta	2	193		388*		
	Placobdella papillifera	*					
	Erpobdella punctata		7*				
	Dina microstoma		1				
Isopoda:	Asellus sp	*					
Amphipoda:	Hyalella azteca	*					
	Crangonyx sp	*					
Decapoda:	Orconectes sp	1*					
Plecoptera:	Acroneuria sp	*					
Ephemeroptera:	Hexagenia sp	*					
	Stenacron sp	18*					
	Stenonema tripunctatum group	*					
	Baetis sp	7*					
	Caenis sp	1					
	Callibaetis sp					*	
Odonata:	Coenagrion sp			*			
	Enallagma sp	*			*		
	Hetaerina sp	*					
	Libellulidae	*					
	Boyeria vinosa	*					
	Anax sp		*		*		
	Plathemis lydia		*				*
	Ischnura sp						*
Hemiptera:	Trichocorixa sp						*
	Sigara sp		*			*	*
	Notonecta sp						*
Megaloptera:	Sialis sp	*					
Trichoptera:	Cheumatopsyche sp	*					
	Polycentropus sp	*					
	Neophylax sp	*					
Coleoptera:	Tropisternus sp					*	*
	Laccophilus sp		*				*

(Continued on next page)

Taxa		Station (RM) (c) 46.0	37.7	37.4	36.8	32.6	28.8
	Peltodytes sp						*
	Psephenus sp	*					
	Dubiraphia sp	*					
	Macronychus glabratus	*					
	Stenelmis sp	*					
	Dineutus sp		*				
	Berosus sp		*			*	*
Diptera:	Polypedilum (P.) fallax	2					
	Procladius sp	10	71			163*	
	Glyptotendipes (G.) senilis	18	354				
	Glyptotendipes sp	39*	3892*	6		342*	10416*
	Tanytarsus (Stictochironomus) sp	*					
	Tanytarsus (Tribelos) sp	2*					
	Cryptochironomus sp						64
	Polypedilum sp	5*					
	Pentaneura sp	*					16
	Tendipes (Kiefferulus) tendipediformis	10					
	Tendipes sp	*	141*	3	87*	472*	*
	Ablabesmyia sp	7					
	Tanytarsus (Tanytarsus) obediens	2					
	Tendipes (Einfeldia) insolita	10					
	Calopsectra sp	2					
	Anatopynia (Psectrotanypus) dyari		*		17*	*	*
	Cricotopus sp		*	1	*	1836*	*
	Harnischia abortiva		354		34*	2379*	
	Culex sp		*	4	*		*
	Stratiomys sp				*		
	Ephydra sp					*	
	Tipulidae	*					

(Continued on next page)

Taxa		Station (RM) (c) 46.0	37.7	37.4	36.8	32.6	28.8
	Diptera						40
Gastropoda:	Physa sp		320*				
	Ferrissia sp	2					
	Helisoma trivolvis		*				
	Goniobasis livescens	*					
Pelecypoda:	Sphaerium sp	*					
	Unionidae	*					
	Number of organisms/ sq. ft.	27	1321	3	105	1038	2107
	Number of taxa (d)	17	9	4	4	5	4
	Diversity index, $\overline{d}$(d)	3.35	1.50	e	1.17	1.78	0.11
	Samplers/site	5	4	5	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by an asterik *.
(b) Station location - Beneficial use designation LWH (Limited Warmwater Habitat), WWH (Warmwater Habitat).
(c) RM (river mile).
(d) Artificial substrate sample only.
(e) Inadequate number of individuals to calculate $\overline{d}$.

RD 3-92: Organisms Collected from the Maumee River

Maumee River - 500080 - WWH[a]
Waterville, East Bank - RM 21.0[b]
June 12 to July 24, 1978

Taxa		Sampler 1	2'	3	Total	Qualitative sample[c]
Turbellaria:	Unidentified	152	16	62	230	
Annelida:	Oligochaeta			3	3	
Amphipoda:	*Hyalella azteca*					+
Decapoda:	*Orconectes* sp					+
Ephemeroptera:	*Stenacron interpunctatum*	5		18	23	+
	Stenonema pulchellum	56	18	45	119	+
	Baetis sp	31	70	2	103	+
	Tricorythodes sp	14	4	3	21	+
	Caenis sp					+
Odonata:	*Hetaerina* sp					+
Trichoptera:	*Cheumatopsyche* sp	323	504	156	983	+
	Symphitopsyche bifida group	2	28	2	32	+
	Hydropsyche frisoni	15	9		24	+
	Hydropsyche aerata	7	42		49	+
	Potamyia flava			5	5	
	Hydroptilidae	1			1	
Coleoptera:	*Stenelmis* sp			2	2	+
	Helophorus sp					+
	Tropisternus sp					+
	Berosus sp					+
Diptera:	*Tipula* sp					+
	Pentaneura sp	160	146	195	501	
	Tendipes sp	5			5	+
	Tendipes (*Limnochironomus*) *neomodestus*	5		6	11	
	Cryptochironomus sp					+
	Glyptotendipes sp					+
	Polypedilum (*Polypedilum*) *illinoense*	31	153	88	272	+
	Calopsectra Rheotanytarsus group	26	129	24	179	
	Psectrocladius sp			6	6	
	Empididae	1	6		7	
Gastropoda:	*Physa* sp					+

(Continued on next page)

Taxa	Sampler 1	Sampler 2	Sampler 3	Total	Qualitative sample[c]
Number of organisms (CV 29.7%)	834	1125	617	2576	
Number of taxa (CV 14.5%)	16	12	15	20	22
Diversity index, $\bar{d}$[d]		2.80			

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

RD 3-93: Organisms Collected from the Maumee River

Maumee River - 500080 - WWH[a]
Waterville, West Bank - RM 21.0[b]
June 12 to July 24, 1978

Taxa		Sampler 1	2	3	Total	Qualitative sample[c]
Turbellaria:	Unidentified	345	191	236	772	
Bryozoa:	Plumatella repens		1		1	
Amphipoda:	Hyalella azteca					+
Decapoda:	Orconectes sp		1		1	+
Ephemeroptera:	Stenacron interpunctatum					+
	Stenonema pulchellum	102	200	158	460	+
	Baetis sp	128	56	199	383	+
	Tricorythodes sp	12	4	24	40	+
	Caenis sp	4			4	+
Odonata:	Hetaerina sp					+
Trichoptera:	Cheumatopsyche sp	752	1361	1557	3671	+
	Symphitopsyche bifida group	25	61	48	134	+
	Hydropsyche frisoni	40	25	33	98	+
	Hydropsyche aerata	49	82	114	245	+
	Hydropsyche orris	10	15	48	73	
	Potamyia flava		5		5	
Coleoptera:	Stenelmis sp					+
	Helophorus sp					+
	Tropisternus sp					+
	Berosus sp					+
Diptera:	Tipula sp					+
	Simulium sp			13	13	
	Pentaneura sp	59	9	29	97	
	Tendipes sp					+
	Glyptotendipes sp					+
	Cryptochironomus sp					+
	Polypedilum (Polypedilum) illinoense	69	111	117	297	+
	Calopsectra Rheotanytarsus group	162	214	335	711	
	Cricotopus sp	7		8	15	
Gastropoda:	Physa sp					+

(Continued on next page)

Taxa	Sampler 1	Sampler 2	Sampler 3	Total	Qualitative sample[c]
Number of organisms (CV 24.7%)	1764	2336	2919	7019	
Number of taxa (CV 4.0%)	14	15	14	18	22
Diversity index, $\bar{d}$[d]		2.47			

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

RD 3-94: Organisms Collected from the Maumee River

Maumee River - 500080 - WWH[a]
Waterville, East Bank - RM 21.0[b]
August 16 to September 27, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Turbellaria:	Unidentified	20	20	12	52	
Bryozoa:	Urnatella gracilis	1	2	1	4	
Annelida:	Oligochaeta	15	27	21	63	
Decapoda:	Orconectes sp					+
Ephemeroptera:	Stenonema pulchellum	85	136	31	252	+
	Stenacron interpunctatum			22	22	+
	Baetis sp	10	12	54	76	+
	Tricorythodes sp	48	38	72	158	
Odonata:	Argia sp					+
Hemiptera:	Notonectidae					+
Trichoptera:	Potamyia sp	47	18		65	
	Cheumatopsyche sp	1012	1103	1125	3240	+
	Hydropsyche orris	5			5	
	Symphitopsyche bifida group	33	55	34	122	
	Hydropsyche sp A	47	9	51	107	
	Hydropsyche sp B		18		18	
Lepidoptera:	Paragyractis sp	6		4	10	
	Stenelmis sp					+
Coleoptera:	Dubiraphia sp		2		2	
Diptera:	Simuliidae					+
	Pentaneura sp	10	6	11	27	
	Glyptotendipes sp					+
	Polypedilum (Polypedilum) convictum	84	76	149	309	+
	Calopsectra Rheotanytarsus group	305	298	278	881	
	Cricotopus sp			11	11	
	Empididae	4	3	4	11	
Gastropoda:	Physa sp					+
	Ferrissia sp	2			2	
Pelecypoda:	Sphaerium sp		2		2	

(Continued on next page)

RD 3-94. continued

Taxa	Sampler 1	2	3	Total	Qualitative Sample[c]
Number of organisms (CV 4.1%)	1734	1825	1880	5439	
Number of taxa (CV 3.5%)	17	17	16	22	12
Diversity index, $\bar{d}$ [d]	2.13				

(a) Station name - STORET code - Benefical use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

RD 3-95: Organisms Collected from tl Maumee River

Maumee River - 500080 - WWH[a]
Waterville, West Bank - RM 21.0[b]
August 16 to September 27, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Coelenterata:	Hydra sp			2	2	
Turbellaria:	Unidentified	16	6	52	74	
Annelida:	Oligochaeta	121	21	64	206	
Decapoda:	Orconectes sp					+
Ephemeroptera:	Stenonema pulchellum	63	70	138	271	+
	Stenonema bipunctatum	37	3		40	
	Stenacron interpunctatum	9			9	+
	Baetinae	20	7	8	35	+
	Tricorythodes sp	12	6	8	26	
Odonata:	Argia sp					+
Hemiptera:	Notonectidae					+
Trichoptera	Cheumatopsyche sp	960	230	1030	2220	+
	Hydropsyche sp	69	13	50	132	
Lepidoptera:	Paragyractis sp	8	10	8	26	
Coleoptera:	Stenelmis sp			4	4	
Diptera:	Simuliidae					+
	Pentaneura sp		28	15	43	
	Polypedilum sp	178	74	114	366	+
	Glyptotendipes sp		10		10	+
	Calopsectra sp	626	235	568	1429	
	Cricotopus sp			15	15	
	Ephydra sp		1	8	9	
Gastropoda:	Physa sp					+
	Ferrissia sp	8	1		9	
Pelecypoda:	Sphaerium sp		1		1	
	Number of organisms (CV 48.9%)	2127	716	2084	4927	
	Number of taxa (CV 10.4%)	13	16	15	20	11
	Diversity index, $\bar{d}$ [d]	2.32				

(a) Station name - STORET code - Benefical use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

Maumee River - 500080 - WWH[a]
Waterville, West Bank - RM 21.0[b]
June 23 to August 4, 1976

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Turbellaria:	Unidentified	1792	
Bryozoa:	Plumatella repens	16	
Annelida:	Oligochaeta	84	
	Dina sp		+
Amphipoda:	Hyalella azteca		+
Ephemeroptera:	Stenacron interpunctatum group		+
	Stenonema pulchellum group	86	+
	Baetis sp	1392	
	Tricorythodes sp	16	
Odonata:	Argia sp		+
Trichoptera:	Cheumatopsyche sp	6113	+
	Hydropsyche orris	1259	+
	Symphitopsyche bifida group	751	+
	Hydropsyche aerata group	182	+
	Potamyia sp	324	
Coleoptera:	Stenelmis sp	32	
Diptera:	Pentaneura sp	396	
	Glyptotendipes sp	96	
	Glyptotendipes (Glyptotendipes) senilis	48	
	Polypedilum sp	2593	
	Calopsectra Rheotanytarsus group	196	
	Eukiefferiella sp	48	
	Psectrocladius sp	48	
Gastropoda:	Ferrissia sp		+
	Number of organisms/sq.ft.	3094	
	Number of taxa	19	10
	Diversity index, $\bar{d}$[e]	2.79	

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-97: Organisms Collected from Town Creek

Town Creek - WWH[a]
Below Van Wert - RM 3.7[b]
August 16 to September 27, 1977

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	1	
Nematomorpha:	Gordius sp		+
Annelida:	Oligochaeta		+
Isopoda:	Lirceus sp	44	
Decapoda:	Orconectes sp		+
Ephemeroptera:	Stenacron interpunctatum	6	
	Baetinae	1	
	Callibaetis sp		+
Odonata:	Enallagma sp		+
Hempitera:	Corixidae		+
Coleoptera:	Laccophilus sp		+
	Peltodytes sp		+
Diptera:	Pentaneura sp	46	
	Procladius sp	7	
	Glyptotendipes sp	365	
	Glyptotendipes senilis	7	
	Tendipes (Tendipes) riparius	60	
	Tendipes (Kiefferulus) tendipediformis	22	
	Calopspectra sp	7	
	Cricotopus sp	7	
	Psectrocladius sp	15	
Gastropoda:	Physa sp	10	+
	Gyraulus sp	1	
	Ferrissia sp	6	+

(Continued on next page)

Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Number of organisms/sq. ft.	121	
Number of taxa[e]	16	10
Diversity index, $\bar{d}$[e]	2.19	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-98: Organisms Collected from Town Creek

Town Creek - WWH[a]
Below Van Wert - RM 3.7[b]
July 10, to August 21, 1974

Taxa		Quantitative Sample[c]	Qualitative Sample[d]
Nematomorpha:	Paragordius sp		+
Annelida:	Oligochaeta	142	+
	Helobdella papillata	33	
Decapoda:	Astacidae	1	
Ephemeroptera:	Callibaetis sp	4	+
Odonata:	Plathemis lydia		+
Hempitera:	Sigara sp		+
	Notonecta sp		+
Coleoptera:	Laccophilus sp		+
	Bidessus sp		+
	Peltodytes sp		+
	Tropisternus sp		+
	Berosus sp		+
Diptera:	Tendipes sp	119	+
	Harnischia sp		+
	Tendipes (Einfeldia) insolita	1233	
	Calopspectra sp	239	
	Glyptotendipes sp	123	
	Culex sp		+
Gastropoda:	Physa sp	9	+
	Ferrissia sp	1	
	Helisoma trivolvis	1	
	Number of organisms/sq. ft.	381	
	Number of taxa[e]	11	15
	Diversity index, $\bar{d}$[e]	1.73	

(a) Station name - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-99: Organisms Collected from Three Stations on the Portage River[a]

Portage River - WWH[b]
July 2 to August 13, 1974

Taxa		Station (RM)[c] 17.3	East Bank 15.8	West Bank 15.8
Coelenterata:	Hydra sp	22	1,000	216
Turbellaria:	Unidentified	155	256	
Bryozoa:	Plumatella repens	+		
Annelida:	Oligochaeta	12	24 +	528
Amphipoda:	Gammarus fasciatus	+	+	
Decapoda:	Orconectes sp	+		
Ephemeroptera:	Caenis sp	27 +	+	64 +
	Tricorythodes sp	84 +		64
	Potamanthus sp	2 +		
	Stenacron sp	30 +	+	
	Stenonema pulchellum group	+		
Odonata:	Argia sp	16 +		
	Enallagma sp	+		
	Coenagrionidae	6		
	Hetaernia sp	+		
Hempitera:	Trichocorixa sp	+		
Megaloptera:	Sialis sp	+	+	
Trichoptera:	Polycentropus sp	51 +		480
	Cheumatopsyche sp	+		+
	Hydropsyche sp	+		
	Symphitopsyche bifida group	+		
	Oecetis sp	2 +		
	Leptocella diarina	+		
Lepidoptera:	Paragyractis sp	+		
Coleoptera:	Stenelmis sp	+		
	Macronychus glabratus	+		
	Dubiraphia sp	6 +		
	Berosus sp	+		

(Continued on next page)

Taxa		Station (RM)[c] 17.3	East Bank 15.8	West Bank 15.8
Diptera:	Culicoides(?) sp	4		
	Glyptotendipes sp	663 +	43,401 +	17,833
	Glyptotendipes senilis	643		
	Tendipes (Limnochironomus) sp	271 +		2176
	Pentaneura sp	125 +		271
	Tendipes (Einfeldia) insolita	121	1,551	
	Polypedilum sp	30 +	+	
	Tendipes sp	30	+	
	Cryptochironomus sp		+	
	Procladius sp	30		
	Calopspectra sp	+		
	Tanytarsus sp	+		
	Harnischia abortiva		+	
	Harnischia amachaerus		+	
Gastropoda:	Physa sp	+		
	Lymnaea sp	+		
	Number of organisms/sq. ft.	466	9,246	4,321
	Number of taxa[d]	21	5	8
	Diversity index, $\bar{d}$[d]	3.02	0.42	1.01
	Sampler/site	5	5	5

(a) Qualitative samples were also collected from the natural substrate and their presence is indicated in the table by a +.
(b) Station location - Beneficial use designation WWH (Warmwater Habitat). The Brush Wellman discharge is located at RM 16.6.
(c) RM (river mile).
(d) Artificial substrate sample only.

Portage River - 500510 - WWH[a]
Woodville, above Route 20 - RM 27.8[b]
June 12 to July 24, 1978

Taxa		Sampler 1	Sampler 2	Total	Qualitative sample[c]
Coelenterata:	Hydra sp		2	2	
Turbellaria:	Unidentified	22	12	34	
Bryozoa:	Plumatella repens	1	1	2	+
Annelida:	Oligochaeta	1		1	
	Placobdella parasitica				+
Amphipoda:	Hyalella azteca				+
	Gammarus fasciatus				+
Decapoda:	Orconectes sp	2	3	5	+
Ephemeroptera:	Stenonema pulchellum	3	5	8	
	Stenonema femoratum	1	1	2	
	Stenacron interpunctatum	61	200	261	+
	Caenis sp	1	13	14	+
	Tricorythodes sp	1		1	+
	Baetis sp	12	2	14	+
	Centroptilum sp	23	5	28	
	Callibaetis sp				+
Odonata:	Coenagrionidae				+
Hemiptera:	Ranatra sp				+
Trichoptera:	Cheumatopsyche sp	10	6	16	+
	Symphitopsyche bifida group				+
Coleoptera:	Stenelmis sp		1	1	+
	Helophorus sp				+
Diptera:	Pentaneura sp	3		3	
	Ablabesmyia sp		5	5	
	Tendipes sp				+
	Glyptotendipes sp	21	9	30	+
	Glyptotendipes (Glytotendipes) senilis	13		13	
	Polypedilum (Polypedilum) fallax	6	19	25	
	Polypedilum (Polypedilum) illinoense	13		13	
	Calopsectra Rheotanytarsus group	6		6	
	Calopsectra Micropsectra group	31		31	

(Continued on next page)

Taxa		Sampler 1	Sampler 2	Total	Qualitative sample[c]
	Microtendipes sp		5	5	
	Psectrocladius sp	6	2	8	
	Cricotopus sp	13		13	+
Gastropoda:	Physa sp				+
	Number of organisms (CV 10.7%)	250	291	541	
	Number of taxa (CV 14.9%)	21	17	25	20
	Diversity index, $\bar{d}$[d]	3.08			

(a) Station name - STORET code - Beneficial use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

RD 3-101. Organisms collected from the Portage River

Portage River - 500510 - WWH[a]
Woodville, above Route 20 - RM 27.8[b]
August 16 to September 27, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Coelenterata:	Hydra sp	6	4		10	
Turbellaria:	Unidentified			1	1	
Annelida:	Oligochaeta	90	88	39	217	+
Isopoda:	Lirceus sp	2	6	1	9	
Decapoda:	Orconectes sp					+
	Astacidae	1			1	
Ephemeroptera:	Potamanthus sp	1			1	
	Stenacron interpunctatum	69	128	65	262	+
	Stenonema femoratum		3	1	4	+
	Caenis sp	173	170	161	504	+
	Tricorythodes sp	4	6	4	14	
	Baetis sp	45	78	31	154	
Odonata:	Argia sp	1		2	3	
	Enallagma sp					+
Hemiptera:	Corixidae					+
Trichoptera:	Cheumatopsyche sp	41	48	9	98	
Coleoptera:	Peltodytes sp					+
	Dubiraphia sp	3		2	5	
	Stenelmis sp			2	2	
Diptera:	Pentaneura sp		6	1	7	
	Ablabesmyia sp	2			2	
	Glyptotendipes sp	33	51	28	112	
	Polypedilum (Polypedilum) convictum	21	30	6	57	
	Calopsectra Atanytarsus group	4	27	5	36	
	Cricotopus sp	2	9	5	16	
	Cricotopus bicinctus	2			2	
	Psectrocladius sp		3		3	
	Psectrocladius sp A	14			14	
	Psectrocladius sp B	4			4	
	Eukiefferiella sp	4			4	
	Corynoneura sp	7	6		13	

(Continued on next page)

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Gastropoda:	Ferrissia sp		1	1	2	
	Physa sp	4			4	
Pelecypoda:	Sphaerium sp	1	2		3	+
	Number of organisms (CV 27.0%)	534	666	382	1564	
	Number of taxa (CV 17.3%)	24	18	18	30	9
	Diversity index, $\bar{d}$ [d]	2.92				

(a) Station name - STORET code - Benefical use designation WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

Sandusky River - 500820 - SNRW[a]
Above Fremont - RM 23.4[b]
August 16 to September 27, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Turbellaria:	Unidentified	6	2	5	13	
Bryozoa:	Urnatella gracilis	2			2	
	Plumatella repens		1		1	+
Annelida:	Oligochaeta	46	25	26	97	
Amphipoda:	Hyalella azteca					+
Ephemeroptera:	Potamanthus sp	2			2	
	Stenacron interpunctatum	64	178	95	337	+
	Stenonema pulchellum	116	75	99	290	
	Stenonema bipunctatum		2		2	
	Caenis sp		1	1	2	
	Tricorythodes sp	10	12	4	26	
	Isonychia sp	2	1		3	
	Baetis sp	18		23	41	+
	Baetinae		12		12	
Odonata:	Argia sp			2	2	+
Plecoptera:	Acroneuria arida		1		1	
Trichoptera:	Cheumatopsyche sp	387	87	233	707	+
	Symphitopsyche bifida group	5		26	31	
	Hydropsyche orris	5		1	6	
	Hydropsyche sp A	48		27	75	
	Hydropsyche sp		9		9	+
	Potamyia sp	5		9	14	
	Polycentropus sp			3	3	
Coleoptera:	Dubiraphia sp		3	2	5	
	Stenelmis sp	4	5	4	13	
	Psephenus sp					+
Dipteria:	Simulium sp			1	1	
	Pentaneura sp	8		5	13	+
	Nilotanypus sp			3	3	
	Glyptotendipes sp	3	14	7	24	
	Tendipes (Kiefferulus) tendipediformis		24		24	

(Continued on next page)

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
	Polypedilum (Polypedilum) convictum	54		38	92	+
	Tanytarsus sp		5		5	
	Microtendipes sp	3	8	3	14	
	Calopsectra Rheotanytarsus group	93		69	162	
	Calopsectra sp		116		116	
	Cricotopus sp	3			3	
	Empididae			1	1	
Gastropoda:	Ferrissia sp		11	1	12	
	Physa sp					+
	Pleurocera sp		1		1	
Pelecypoda:	Sphaerium sp			1	1	
	Number of organisms (CV 20.5%)	884	593	689	2166	
	Number of taxa (CV 11.5%)	21	22	26	39	11
	Diversity index, $\bar{d}$[d]	3.35				

(a) Station name - STORET code - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

RP 3-103: Organisms collected from the Black River

Black River - 501520 - SNRW[a]
Elyria - RM 14.9[b]
June 23 to August 4, 1978

Taxa		Sampler 1	2	3	Total	Qualitative sample[c]
Coelenterata:	Hydra sp	2	3	10	15	
Turbellaria:	Unidentified	9	8	5	22	+
Annelida:	Oligochaeta	103	46	67	216	+
Decapoda:	Orconectes sp					+
Ephemeroptera:	Pseudocloeon sp	1			1	
Odonata:	Argia sp		2	2	4	
Trichoptera:	Neureclipsis sp	1			1	
Coleoptera:	Macronychus glabratus	1			1	
	Peltodytes sp					+
Diptera:	Pentaneura sp	106	58	101	265	+
	Ablabesmyia sp	4	13	3	20	
	Procladius sp		1		1	+
	Tanytarsus (Endochironomus) sp		1		1	
	Polypedilum sp			3	3	
	Polypedilum (Polypedilum) fallax			3	3	
	Psectrocladius sp	72	22	28	122	
	Cricotopus bicinctus	14	3	6	23	+
Gastropoda:	Ferrissia sp	16	22	15	53	+
	Physa sp	27	73	22	122	+
	Number of organisms (CV 19.5%)	356	252	265	873	
	Number of taxa (CV 0%)	12	12	12	18	9
	Diversity index, $\bar{d}$[d]	2.71				

(a) Station name - STORET code - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

RD 3-104: Organisms Collecte from the Black River

Black River - 501520 - SNRW [a]
Elyria - RM 14.9[b]
June 17 to July 29, 1977

	Taxa	Quantitative Sample[c]	Qualitative Sample[d]
Coelenterata:	Hydra sp	26	
Turbellaria:	Unidentified	10	
Bryozoa:	Plumatella sp	5	
Annelida:	Oligochaeta	108	+
Amphipoda:	Gammarus lacustrus	6	+
Ephemeroptera:	Stenacron interpunctatum	1	+
Odonata:	Ischnura sp	1	
Trichoptera:	Cheumatopsyche sp	1	
Coleoptera:	Berosus sp	1	+
Diptera:	Pentaneura sp	136	+
	Procladius sp	7	
	Polypedilum (Polypedilum) fallax	27	
	Tendipes (Limnochironomus) nervosus		+
Gastropoda:	Physa sp	51	
	Ferrissia sp	4	
	Number of organisms/sq.ft.	77	
	Number of taxa	14	6
	Diversity index, $\bar{d}$[e]	2.54	

(a) Station name - STORET code - Beneficial use designation SNRW (State and National Resource Water).
(b) Station location - RM (river mile).
(c) Five artificial substrate samplers.
(d) Collected from the natural substrate.
(e) Artificial substrate sample only.

RD 3-105: Organisms Collected from the Black River

Black River - 510510 - LWH[a]
Below Elyria, Ford Road - RM 9.4[b]
June 17 to July 29, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Annelida:	Oligochaeta	23	8	27	58	+
	Erpobdella punctata					+
Decapoda:	Orconectes sp					+
Ephemeroptera:	Stenacron interpunctatum					+
	Caenis sp					+
Odonata:	Boyeria vinosa	2			2	
	Enallagma sp					+
Diptera:	Pentaneura sp	10	26	27	63	
	Tendipes sp	33	16	54	103	
	Glyptotendipes sp	2			2	
	Tanytarsus (Endochironomus) sp	2			2	
	Polypedilum (Polypedilum) fallax		3	1	4	
	Psectrocladius sp	17	3	4	24	
	Cricotopus bicinctus	13			13	
Gastropoda:	Physa sp			1	1	+
	Ferrissia sp					+
	Number of organisms (CV 33.8%)	102	56	114	272	
	Number of taxa (CV 24.1%)	8	5	6	10	8
	Diversity index, $\bar{d}$[d]	2.26				

(a) Station name - STORET code - Beneficial use designation LWH (Limited Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

Cuyahoga River - 5 02 - SCR, WWH[a]
Independence, below Hemlock Rd. - RM 14.2[b]
June 22 to August 3, 1978

Taxa		Sampler 1	2	3	Total	Qualitative sample[c]
Coelenterata:	Hydra sp		1	1	2	
Annelida:	Oligochaeta	21	41	41	103	+
	Helobdella stagnalis	1		1	2	
	Dina sp					+
Amphipoda:	Crangonyx sp	1			1	
	Gammaridae			1	1	
	Hyalella azteca					+
Isopoda:	Asellus sp	2	1	1	4	
Ephemeroptera:	Baetis sp	15	13	8	36	+
Odonata:	Coenagrionidae		15	6	21	+
	Ischnura sp		1	2	3	+
Coleoptera:	Berosus sp			1	1	
	Hydrochus sp					+
Diptera:	Simuliidae					+
	Pentaneura sp	15	50	16	81	+
	Ablabesmyia sp	4	15	31	50	
	Procladius sp	12	10	21	43	
	Polypedilum (Polypedilum) fallax	10	10	7	27	
	Polypedilum (Tripodura) scalaenum	1	4		5	
	Tanytarsus sp					+
	Tendipes sp		1	2	3	
	Calopsectrini		1		1	
	Cricotopus sp		1		1	
	Chrysops sp					+
	Empididae		1		1	
Gastropoda:	Physa sp	341	898	495	1734	+
	Number of organisms (CV 46.2%)	422	1063	634	2119	
	Number of taxa (CV 18.9%)	11	16	15	20	12
	Diversity index, $\bar{d}$[d]	1.23				

(a) Station name - STORET code - Beneficial use designation SCR (Secondary Contact Recreation), WWH (Warmwater Habitat).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artifical substrate sample only.

Cuyahoga River - 50202 - WWH, SCR[a]
Independence, below Hemlock Rd. - RM 14.2[b]
June 21 to August 2, 1977

Taxa		Sampler 1	2	3	Total	Qualitative Sample[c]
Coelenterata:	Hydra sp			4	4	+
Turbellaria:	Unidentified			11	11	
Bryozoa:	Plumatella repens			1	1	
Annelida:	Oligochaeta	51	66	28	145	
	Dina sp	2			2	
	Helobdella stagnalis		1		1	
Isopoda:	Asellus communis		4		4	
Amphipoda:	Cragonyx sp		4	8	12	+
Ephemeroptera:	Baetis sp	19	153	322	494	+
Odonata:	Argia sp	2			2	+
	Enallagma sp					+
	Coenagrionidae	1	1	8	10	
Trichoptera:	Hydroptilidae		3	1	4	
Coleoptera:	Berosus sp		2		2	
	Macronychus glabratus			1	1	
Diptera:	Simuliidae					+
	Procladius sp	3	1		4	
	Pentaneura sp	9			9	+
	Pentaneura sp A		13	42	55	
	Pentaneura sp B		9	2	11	
	Ablabesmyia sp A			2	2	
	Ablabesmyia sp B			2	2	
	Cryptochironomus sp	1			1	
	Harnischia (?) sp			3	3	
	Polypedilum (Polypedilum) fallax	2	2	6	10	
	Polypedilum (Pentapedilum) tritum			2	2	
	Calopsectra sp	2			2	
	Psectrocladius sp		3		3	
	Empididae		1	1	2	+
Gastropoda:	Physa sp	114	244	374	732	+

(Continued on next page)

Taxa	Sampler 1	Sampler 2	Sampler 3	Total	Qualitative Sample[c]
Number of organisms (CV 60.0%)	206	507	818	1531	
Number of taxa (CV 23.9%)	11	15	18	28	9
Diversity index, $\bar{d}$ [d]	2.08				

(a) Station name - STORET code - Benefical use designation WWH (Warmwater Habitat), SCR (Secondary Contact Recreation).
(b) Station location - RM (river mile).
(c) Collected from the natural substrate.
(d) Artificial substrate sample only.

ASSESSMENT OF WATER QUALITY CONDITIONS
OHIO RIVER MAINSTEM
1978 AND 1979

APPENDICES

April, 1980

Prepared by

OHIO RIVER VALLEY WATER SANITATION COMMISSION

414 WALNUT STREET CINCINNATI, OHIO 45202

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APPENDIX A

WATER QUALITY DATA SUMMARIES

1978-9

TABLE A1 SUMMARY OF 1978 OHIO RIVER FLOW
ELECTRONIC MONITOR LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
SOUTH HEIGHTS	15.2												
MAX. DAY		162.6	56.6	155.1	99.6	153.9	46.0	85.0	36.0	20.0	29.5	34.4	158.3
MO. AVE.		51.5	25.2	66.9	57.5	55.3	21.9	23.7	16.0	10.4	14.3	17.1	66.4
MIN. DAY		21.7	12.7	10.6	22.1	15.1	13.7	10.5	6.5	6.3	6.2	10.6	27.7
EAST LIVERPOOL	40.2												
MAX. DAY		173.2	61.8	177.0	106.0	168.9	51.8	80.0	43.7	21.8	35.1	39.1	183.9
MO. AVE.		59.3	29.1	75.4	64.5	62.9	25.8	26.5	18.7	12.0	17.7	20.0	74.2
MIN. DAY		25.9	15.5	12.4	25.3	17.2	15.5	12.1	7.5	7.6	7.3	12.4	31.2
SHADYSIDE	102.4												
MAX. DAY		178.2	66.5	188.8	111.1	178.5	56.6	87.6	47.2	22.2	40.5	49.3	212.1
MO. AVE.		63.5	30.9	80.0	66.9	65.8	27.7	27.1	19.9	12.7	18.8	22.0	80.5
MIN. DAY		28.0	16.7	13.2	25.8	18.7	15.6	12.3	8.0	7.8	7.6	12.9	33.3
ADDISON	260.0												
MAX. DAY		268.0	99.1	270.5	158.7	212.1	91.9	110.4	66.6	40.1	56.4	80.6	320.9
MO. AVE.		93.0	42.7	122.0	100.9	91.5	44.5	37.2	27.6	17.3	25.0	29.6	126.3
MIN. DAY		40.3	20.3	21.2	46.3	29.8	19.7	15.0	9.3	9.3	9.6	14.4	42.3
GALLIPOLIS	279.2												
MAX. DAY		358.9	168.6	397.5	171.0	236.6	101.5	128.1	88.1	58.3	63.8	93.2	489.0
MO. AVE.		124.8	60.9	175.0	123.2	125.0	53.8	46.1	39.7	22.0	30.1	35.2	171.7
MIN. DAY		55.4	30.6	30.0	66.3	49.4	25.0	19.3	13.7	11.1	13.7	16.4	51.2

TABLE A1 SUMMARY OF 1978 OHIO RIVER FLOW
ELECTRONIC MONITOR LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
HUNTINGTON	306.9												
MAX. DAY		350.1	200.5	365.6	188.5	235.2	102.4	128.1	89.6	60.6	65.3	95.4	393.6
MO. AVE.		131.1	64.7	181.3	127.8	129.4	54.6	46.3	40.1	22.4	30.5	36.1	180.3
MIN. DAY		57.4	31.6	30.7	67.2	51.3	25.4	19.4	13.8	11.3	13.9	16.5	52.5
CINCINNATI	462.8												
MAX. DAY		463.2	300.5	482.7	277.2	260.5	116.2	141.3	105.2	105.9	93.6	118.5	540.0
MO. AVE.		177.4	93.4	263.4	169.8	178.0	68.4	57.2	54.3	33.4	40.3	50.9	267.3
MIN. DAY		69.0	46.4	46.1	86.5	87.2	42.1	24.7	18.5	15.8	16.1	19.7	72.7
NORTH BEND	490.0												
MAX. DAY		463.2	300.5	482.7	277.2	260.5	116.2	141.3	105.2	105.9	93.6	118.5	540.0
MO. AVE.		177.4	93.4	263.4	169.8	178.0	68.4	57.2	54.3	33.4	40.3	50.9	267.3
MIN. DAY		69.0	46.4	46.1	86.5	87.2	42.1	24.7	18.5	15.8	16.1	19.7	72.7
MARKLAND	531.5												
MAX. DAY		423.9	334.5	488.8	302.2	262.4	120.1	146.5	110.2	107.9	93.3	120.8	527.3
MO. AVE.		173.6	97.0	270.0	173.8	182.6	69.4	59.1	56.1	35.5	40.5	52.2	270.7
MIN. DAY		70.3	46.4	46.2	87.0	89.1	41.9	25.8	18.3	13.6	15.1	20.3	71.5
LOUISVILLE	600.6												
MAX. DAY		522.1	455.3	587.6	351.6	291.9	124.1	135.0	110.4	134.9	91.4	135.2	664.1
MO. AVE.		209.2	116.9	312.5	189.1	217.4	73.4	62.1	63.7	40.8	43.2	59.1	347.0
MIN. DAY		76.0	52.6	57.4	96.8	113.6	44.1	25.7	20.8	17.5	19.1	24.7	84.1

TABLE A1 SUMMARY OF 1978 OHIO RIVER FLOW
ELECTRONIC MONITOR LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
WESTPOINT	625.9												
MAX. DAY		517.7	481.0	587.6	366.2	288.3	125.0	132.2	110.1	131.8	89.3	135.1	663.6
MO. AVE.		198.6	119.3	312.2	190.4	220.0	73.3	62.3	64.0	41.1	43.2	59.2	346.0
MIN. DAY		75.8	52.1	58.0	96.6	116.3	44.0	25.7	20.8	17.6	19.2	24.8	83.2
CANNELTON	720.7												
MAX. DAY		510.4	522.6	587.3	408.3	303.2	123.0	138.0	115.4	148.6	92.1	161.1	648.9
MO. AVE.		195.5	136.0	314.9	199.8	237.0	74.4	64.3	67.1	44.0	44.3	66.8	359.1
MIN. DAY		80.7	53.7	65.5	99.7	125.4	45.1	28.5	21.4	19.3	20.9	26.8	91.6
EVANSVILLE	791.5												
MAX. DAY		474.3	525.0	590.0	431.5	343.1	128.6	142.2	121.2	159.9	99.6	190.6	673.4
MO. AVE.		214.6	175.7	343.4	223.6	263.5	82.4	72.6	73.6	48.8	47.4	79.5	413.3
MIN. DAY		112.0	69.8	84.5	112.8	139.9	51.2	37.1	29.2	21.8	20.7	34.8	116.8
JOPPA	951.3												
MAX. DAY		664.8	730.0	831.7	691.4	573.9	338.0	215.8	209.4	202.4	143.6	254.9	1161.8
MO. AVE.		416.6	359.4	557.4	397.7	454.8	191.5	152.6	150.5	115.1	87.2	127.1	661.0
MIN. DAY		269.5	176.8	197.6	234.1	324.8	132.5	68.9	64.0	58.0	59.6	64.8	258.2

TABLE A2 SUMMARY OF 1979 OHIO RIVER FLOW
ELECTRONIC MONITOR LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
SOUTH HEIGHTS	15.2												
MAX. DAY		161.1	198.6	199.7	107.7	73.9	44.0	23.7	33.9	52.1	101.2	79.7	84.5
MO. AVE.		72.4	49.4	84.5	60.2	36.2	15.8	11.8	20.0	28.1	48.0	33.5	40.6
MIN. DAY		45.3	14.8	32.9	27.7	16.5	6.0	6.7	10.8	15.4	20.1	20.0	24.4
EAST LIVERPOOL	40.2												
MAX. DAY		184.3	230.0	218.2	127.6	92.5	50.2	25.1	38.8	59.8	106.9	86.7	105.7
MO. AVE.		80.7	56.4	94.5	70.8	42.9	19.5	13.8	21.5	31.8	52.0	37.8	47.1
MIN. DAY		51.5	16.4	39.8	34.0	19.6	6.2	8.1	12.2	16.7	22.5	24.5	29.3
SHADYSIDE	102.4												
MAX. DAY		198.2	240.2	205.5	140.9	101.0	52.7	27.4	41.7	63.6	107.5	98.1	113.4
MO. AVE.		85.3	61.2	98.2	76.1	45.4	20.8	14.6	22.5	32.7	54.1	40.6	49.6
MIN. DAY		57.4	17.1	43.2	38.3	21.2	5.0	8.8	12.8	17.4	20.0	25.3	31.0
ADDISON	260.0												
MAX. DAY		267.6	373.3	262.8	190.7	143.4	78.0	52.7	91.7	112.0	149.7	135.1	149.6
MO. AVE.		129.1	93.4	138.2	111.0	66.1	34.1	23.7	44.2	56.1	75.2	58.0	70.7
MIN. DAY		81.7	24.4	67.4	56.5	29.5	13.6	13.2	18.8	23.0	27.7	33.1	43.0
GALLIPOLIS	279.2												
MAX. DAY		356.3	499.2	358.5	234.0	181.3	100.0	87.1	140.8	182.3	205.5	206.1	197.5
MO. AVE.		186.2	136.0	187.6	142.3	94.8	55.7	40.3	59.8	79.7	104.9	91.5	95.2
MIN. DAY		112.6	34.5	91.0	71.9	42.4	22.9	22.4	22.5	29.8	41.0	46.5	52.3

TABLE A2 SUMMARY OF 1979 OHIO RIVER FLOW
ELECTRONIC MONITOR LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
HUNTINGTON	306.9												
MAX. DAY		321.0	459.6	429.3	237.8	195.0	119.0	95.2	154.9	184.5	212.7	221.2	205.5
MO. AVE.		197.1	124.7	206.4	147.5	98.9	61.7	43.2	62.4	81.8	107.9	95.5	98.5
MIN. DAY		116.9	36.3	92.8	73.7	43.5	24.9	23.7	23.2	30.3	41.7	47.3	53.7
CINCINNATI	462.8												
MAX. DAY		388.6	536.8	545.6	312.0	251.4	161.5	179.0	204.8	295.0	249.0	272.4	254.0
MO. AVE.		268.7	172.1	278.9	209.0	125.0	96.8	68.9	96.8	132.0	134.3	125.4	138.0
MIN. DAY		165.4	48.3	127.9	89.0	55.7	39.0	34.2	36.0	36.8	52.1	58.0	70.2
NORTH BEND	490.0												
MAX. DAY		388.6	536.8	545.6	312.0	251.4	161.5	179.0	204.8	295.0	249.0	272.4	254.0
MO. AVE.		268.7	172.1	278.9	209.0	125.0	96.8	68.9	96.8	132.0	134.3	125.4	138.0
MIN. DAY		165.4	48.3	127.9	89.0	55.7	39.0	34.2	36.0	36.8	52.1	58.0	70.2
MARKLAND	531.5												
MAX. DAY		387.5	531.2	543.8	324.9	257.5	173.1	239.9	211.7	304.8	252.5	294.4	259.8
MO. AVE.		271.3	168.7	289.9	213.2	126.0	102.4	88.7	114.6	140.9	141.2	134.4	149.9
MIN. DAY		172.0	48.6	128.9	91.6	57.1	41.1	40.7	40.7	40.7	54.3	61.2	76.0
LOUISVILLE	600.6												
MAX. DAY		451.7	611.8	626.1	392.8	252.6	189.4	224.0	231.5	351.8	256.3	316.5	294.9
MO. AVE.		321.2	193.1	323.9	257.2	131.8	116.1	85.5	117.4	160.9	153.8	150.0	174.7
MIN. DAY		204.6	54.7	142.2	99.7	58.8	45.6	37.6	39.9	43.1	59.1	65.3	82.9

TABLE A2 SUMMARY OF 1979 OHIO RIVER FLOW
ELECTRONIC MONITOR LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
WESTPOINT	625.9												
MAX. DAY		452.3	603.8	629.1	399.1	250.6	204.9	225.8	231.5	351.8	256.3	316.5	294.9
MO. AVE.		322.0	190.5	331.2	259.6	131.6	118.1	85.4	118.2	160.9	153.8	150.0	174.7
MIN. DAY		211.9	54.4	142.5	99.8	58.6	45.6	37.5	39.9	43.1	59.1	65.3	82.9
CANNELTON	720.7												
MAX. DAY		459.4	578.8	647.8	438.5	258.9	248.0	237.6	227.3	398.9	253.3	305.0	306.3
MO. AVE.		331.7	190.2	358.6	287.0	131.1	128.5	94.0	121.4	181.8	157.5	159.5	181.7
MIN. DAY		190.6	58.6	149.8	101.0	56.6	47.2	44.8	38.6	47.1	57.4	65.6	83.9
EVANSVILLE	791.5												
MAX. DAY		494.9	563.2	668.5	492.6	252.5	258.8	272.6	244.6	435.7	300.0	366.2	373.3
MO. AVE.		386.4	220.9	415.1	358.9	150.8	144.5	104.7	135.2	215.2	191.7	193.0	235.3
MIN. DAY		235.4	82.3	205.2	150.3	70.2	57.1	46.0	48.9	55.3	69.9	73.2	109.4
JOPPA	951.3												
MAX. DAY		820.9	1047.4	1131.6	876.1	462.2	394.4	427.1	438.3	550.9	477.4	692.8	707.1
MO. AVE.		693.4	448.7	815.9	724.7	318.5	273.7	206.0	311.8	371.2	332.6	380.5	486.4
MIN. DAY		417.9	201.3	437.2	377.9	199.6	160.9	95.3	158.9	175.4	185.1	179.6	309.3

TABLE A3 SUMMARY OF 1978 FLOW

OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
ALLEGHENY	13.3 (0.0)												
MAX. DAY		58.8	32.1	75.5	71.4	76.1	16.6	10.8	15.5	13.5	20.8	15.1	44.7
MO. AVE.		29.3	15.4	35.9	40.5	31.7	12.4	7.0	6.3	5.9	9.5	10.5	27.2
MIN. DAY		12.8	7.6	6.9	11.6	8.8	8.7	4.6	2.6	3.1	3.1	7.8	14.5
MONONGAHELA	4.5 (0.0)												
MAX. DAY		123.7	24.4	116.4	32.6	84.7	27.9	78.8	22.6	13.2	13.5	28.6	108.8
MO. AVE.		21.2	8.6	30.2	15.5	22.1	8.7	15.1	8.7	4.7	4.1	7.2	36.9
MIN. DAY		6.7	4.1	3.1	6.4	5.5	3.3	4.2	3.0	2.4	2.5	2.3	12.4
BEAVER	5.3 (25.4)												
MAX. DAY		15.7	5.3	29.0	13.6	19.7	6.5	5.0	5.4	2.3	6.8	3.4	17.7
MO. AVE.		6.3	2.7	7.2	4.9	6.0	3.0	2.2	1.9	1.3	2.7	2.1	5.8
MIN. DAY		3.1	1.3	1.3	2.1	1.3	1.7	1.3	0.9	1.0	1.0	1.4	2.2
KANAWHA	31.1 (265.7)												
MAX. DAY		153.6	68.5	125.0	97.2	59.8	15.2	19.4	23.0	10.8	6.3	7.5	169.1
MO. AVE.		29.8	16.9	49.8	21.2	30.1	9.4	8.1	11.5	4.9	4.8	4.4	35.8
MIN. DAY		0.1	8.6	9.2	7.8	11.0	5.7	4.7	2.9	3.1	3.5	2.9	8.2
BIG SANDY	20.3 (317.1)												
MAX. DAY		63.7	17.5	35.6	43.1	30.7	3.4	2.9	5.7	8.6	1.7	2.4	78.9
MO. AVE.		11.2	5.7	13.9	6.6	9.8	2.0	1.4	2.3	1.4	1.1	1.3	16.2
MIN. DAY		2.0	3.0	4.7	1.6	2.6	1.0	0.8	0.8	0.5	0.6	0.5	1.7

+( ) MILE POINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A3 SUMMARY OF 1978 FLOW

OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
LICKING	4.5 (470.3)												
MAX. DAY		41.7	11.4	55.3	6.5	18.4	4.3	7.3	8.7	15.8	5.0	13.3	57.1
MO. AVE.		9.4	4.7	14.2	3.6	9.1	1.8	1.0	3.8	2.5	1.2	3.3	19.0
MIN. DAY		0.9	1.5	1.6	1.2	3.1	0.4	0.4	1.1	0.8	0.4	0.2	3.8
GREAT MIAMI	5.5 (491.1)												
MAX. DAY		11.5	4.8	51.4	19.9	14.4	6.1	6.4	13.3	11.6	8.1	7.1	26.6
MO. AVE.		4.6	2.7	19.5	8.4	6.7	3.0	2.3	2.7	2.0	2.1	2.3	7.3
MIN. DAY		2.2	1.7	1.6	3.6	3.2	1.8	1.1	1.0	0.8	1.0	1.1	1.8
WABASH	51.5 (848.0)												
MAX. DAY		47.7	15.6	181.2	146.9	83.6	45.0	33.4	32.1	34.3	19.4	27.6	53.2
MO. AVE.		26.5	13.0	80.9	75.9	61.3	21.3	23.3	19.3	16.4	9.7	13.4	33.8
MIN. DAY		14.4	10.2	10.6	54.9	49.6	13.1	12.2	10.5	7.1	5.9	6.5	19.2

+( ) MILE POINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A4 SUMMARY OF 1979 FLOW

OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
		RESULTS IN THOUSAND CUBIC FEET PER SECOND											
ALLEGHENY	13.3 (0.0)												
MAX. DAY		87.0	56.3	91.8	72.7	26.8	30.0	10.7	16.5	34.5	42.4	45.6	59.0
MO. AVE.		38.8	18.5	53.0	42.0	16.7	9.9	6.3	10.3	16.7	25.3	20.1	26.4
MIN. DAY		17.1	7.9	22.8	15.9	10.9	4.8	2.9	7.2	9.5	15.2	13.2	14.7
MONONGAHELA	4.5 (0.0)												
MAX. DAY		69.8	142.3	101.1	32.4	54.0	16.0	15.2	26.0	29.2	63.7	36.8	31.8
MO. AVE.		31.9	30.1	30.2	16.2	17.7	5.7	5.3	9.4	11.0	22.8	12.3	13.1
MIN. DAY		17.3	4.4	7.1	6.7	5.1	2.5	2.1	2.6	2.7	4.5	4.4	5.1
BEAVER	5.3 (25.4)												
MAX. DAY		20.5	30.7	21.5	18.1	17.0	6.0	4.2	2.0	11.0	4.4	6.4	22.9
MO. AVE.		5.9	5.3	7.7	7.9	4.6	3.0	1.7	1.2	3.4	3.0	3.0	4.8
MIN. DAY		3.2	1.4	2.4	3.6	1.9	1.2	1.1	1.0	0.8	1.3	1.3	1.7
KANAWHA	31.1 (265.7)												
MAX. DAY		133.6	140.0	104.8	51.0	57.5	51.9	44.3	18.0	68.8	58.4	63.0	44.1
MO. AVE.		47.5	33.7	46.4	26.6	26.6	22.2	15.4	11.4	19.6	25.2	30.6	20.7
MIN. DAY		16.4	7.0	14.3	11.7	11.7	10.0	7.9	5.2	6.6	10.6	13.1	9.3
BIG SANDY	20.3 (317.1)												
MAX. DAY		57.0	40.5	19.0	31.9	13.6	32.9	13.2	7.2	11.0	6.2	14.3	13.5
MO. AVE.		18.9	11.7	9.9	9.1	5.6	10.1	5.9	3.4	3.0	3.2	7.1	5.5
MIN. DAY		5.8	2.9	3.5	3.4	2.2	3.1	2.9	1.3	0.5	1.7	2.1	2.3

+( ) MILE POINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A4 SUMMARY OF 1979 FLOW

OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
LICKING	4.5 (470.3)												
MAX. DAY		44.2	37.4	12.7	33.1	4.3	13.2	29.8	11.4	49.5	11.6	19.4	28.9
MO. AVE.		14.0	13.4	7.1	9.0	1.9	4.8	7.2	4.3	11.8	5.1	5.3	7.8
MIN. DAY		6.7	5.6	3.6	1.2	0.7	1.4	1.5	0.9	0.5	2.4	1.0	1.2
GREAT MIAMI	5.5 (491.1)												
MAX. DAY		40.7	51.0	33.4	28.7	18.5	5.5	34.0	25.3	14.0	5.0	37.2	29.8
MO. AVE.		8.3	8.6	11.9	10.6	4.3	3.4	6.0	12.2	5.2	3.4	9.2	8.2
MIN. DAY		3.1	1.7	3.8	3.8	2.1	1.8	1.6	2.4	2.3	2.2	2.3	2.8
WABASH	51.5 (848.0)												
MAX. DAY		63.2	92.7	169.0	113.1	51.6	39.4	80.6	138.1	49.5	14.5	62.3	75.0
MO. AVE.		39.4	26.8	108.2	82.4	34.7	21.5	33.1	78.7	23.2	11.2	22.0	47.2
MIN. DAY		18.8	12.8	62.1	52.0	18.7	13.8	12.0	27.9	13.7	8.8	9.5	22.1

+( ) MILE POINT WHERE TRIBUTARY ENTERS OHIO RIVER

+( ) MILE POINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A5 SUMMARY OF 1978 OHIO RIVER TEMPERATURES

OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT	JAN. (50)*	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (87)	JULY (89)	AUG. (89)	SEP. (87)	OCT. (78)	NOV. (70)	DEC. (57)
SOUTH HEIGHTS	15.2												
MAX. HOUR		37.1	35.5	46.8	56.8	72.0	79.7	82.6	82.3	81.4	71.4	55.6	49.3
MAX. DAY		36.3	35.0	46.1	56.4	70.9	79.0	82.0	81.7	80.1	71.0	55.1	48.3
MO. AVE.		32.9	33.3	39.5	51.4	60.0	73.8	76.2	79.8	77.4	60.7	52.4	42.9
EAST LIVERPOOL	40.2												
MAX. HOUR		36.1	35.9	40.7	57.1	71.2	73.3	75.7	82.1	79.8	72.1	57.5	47.2
MAX. DAY		35.4	35.5	40.2	56.3	70.2	72.8	75.3	81.6	79.6	71.8	56.5	46.2
MO. AVE.		33.5	33.8	37.1	50.2	60.2	72.4	72.9	79.9	77.9	62.1	53.7	40.6
SHADYSIDE	102.4												
MAX. HOUR		ND	44.8	44.0	64.6	76.7	ND	ND	ND	ND	ND	ND	ND
MAX. DAY		ND	43.5	43.4	64.0	75.7	ND	ND	ND	ND	ND	ND	ND
MO. AVE.		ND	41.7	40.8	56.9	66.7	ND	ND	ND	ND	ND	ND	ND
ALDISON	260.0												
MAX. HOUR		36.0	34.4	44.0	54.7	69.1	80.0	83.3	83.0	81.8	74.9	59.5	49.7
MAX. DAY		35.7	33.7	43.6	54.6	68.2	79.3	82.6	82.6	81.0	74.6	58.8	49.5
MO. AVE.		34.2	33.0	38.1	52.7	59.8	73.9	79.2	81.0	79.4	65.6	55.3	42.5
GALLIPOLIS	279.2												
MAX. HOUR		ND	ND	48.5	56.8	70.6	81.5	84.4	85.4	83.4	76.6	60.1	49.7
MAX. DAY		ND	ND	48.0	56.5	69.9	81.1	82.1	83.4	82.1	76.2	59.9	49.3
MO. AVE.		ND	ND	46.0	55.1	61.5	76.5	80.3	80.9	80.7	66.9	57.0	44.9

* MAXIMUM ALLOWED TEMPERATURE FOR MONTH
ND = No data

TABLE A5 SUMMARY OF 1978 OHIO RIVER TEMPERATURES
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT	JAN. (50)*	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (87)	JULY (89)	AUG. (89)	SEP. (87)	OCT. (78)	NOV. (70)	DEC. (57)
HUNTINGTON	306.9												
MAX. HOUR		36.5	36.6	44.8	55.8	63.0	80.4	81.0	82.6	82.6	75.7	59.8	49.7
MAX. DAY		36.3	36.1	44.1	55.7	63.0	79.9	80.2	81.4	81.0	74.3	58.6	49.2
MO. AVE.		33.4	33.7	39.2	52.1	57.2	75.5	78.6	79.2	79.5	64.8	55.2	43.3
CINCINNATI	462.8												
MAX. HOUR		36.0	38.2	42.8	57.1	71.4	80.6	82.1	83.9	83.5	76.6	61.6	53.0
MAX. DAY		36.0	37.2	42.7	57.0	70.2	79.8	81.7	83.5	83.0	76.3	61.2	51.3
MO. AVE.		34.1	35.4	38.0	55.9	61.3	76.1	80.1	81.1	80.9	66.8	57.1	43.0
NORTH BEND	490.0												
MAX. HOUR		39.8	35.5	47.9	59.8	69.8	80.6	82.2	82.3	82.4	77.0	63.5	56.9
MAX. DAY		39.2	35.0	46.9	58.4	68.2	79.5	81.7	81.4	81.7	76.5	63.0	55.4
MO. AVE.		36.0	33.0	38.9	55.0	61.2	74.3	79.5	79.7	79.9	67.5	58.2	47.9
MARKLAND	531.5												
MAX. HOUR		ND	ND	ND	ND	69.7	81.0	80.6	84.0	82.9	76.2	60.5	ND
MAX. DAY		ND	ND	ND	ND	68.0	80.0	80.3	81.3	82.0	75.7	60.0	ND
MO. AVE.		ND	ND	ND	ND	60.0	74.6	79.0	79.0	79.1	65.7	59.6	ND
LOUISVILLE	600.6												
MAX. HOUR		38.4	35.4	46.4	59.6	71.5	80.5	84.6	83.5	82.7	76.1	61.6	53.4
MAX. DAY		37.7	34.8	46.3	59.0	70.3	79.7	84.1	82.7	82.1	76.0	61.2	52.9
MO. AVE.		34.3	33.4	39.1	56.0	60.9	73.7	82.1	81.4	79.8	66.9	57.9	49.6

* MAXIMUM ALLOWED TEMPERATURE FOR MONTH

TABLE A5 SUMMARY OF 1978 OHIO RIVER TEMPERATURES

OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT	JAN. (50)*	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (87)	JULY (89)	AUG. (89)	SEP. (87)	OCT. (78)	NOV. (70)	DEC. (57)
WESTPOINT	625.9												
MAX. HOUR		40.6	37.6	48.5	58.8	72.8	85.7	88.1	86.8	84.5	76.1	63.6	52.3
MAX. DAY		39.4	36.8	47.7	56.9	71.7	84.5	86.5	85.4	83.5	75.7	63.0	50.9
MO. AVE.		35.9	34.6	40.8	54.3	61.7	77.7	84.1	83.6	81.4	67.3	58.2	47.0
CANNELTON	720.7												
MAX. HOUR		37.6	0.0	0.0	****	70.8	86.3	87.5	85.8	83.6	69.6	63.8	52.0
MAX. DAY		36.8	0.0	0.0	72.6	69.9	84.8	86.3	85.1	82.2	69.4	62.1	51.6
MO. AVE.		33.9	0.0	0.0	55.7	59.7	77.6	84.8	82.7	80.6	64.4	58.7	45.2
EVANSVILLE	791.5												
MAX. HOUR		38.6	34.8	46.7	58.7	70.7	87.4	86.4	86.5	83.0	75.8	65.9	52.7
MAX. DAY		38.1	34.3	45.6	57.7	69.6	86.5	85.4	85.2	81.8	75.1	63.6	52.4
MO. AVE.		34.6	33.2	38.9	54.5	61.9	75.4	83.9	82.9	80.2	66.9	58.6	47.1
JOPPA	951.3												
MAX. HOUR		40.3	35.9	46.4	60.8	72.0	88.1	90.0	88.4	85.3	77.2	64.9	49.3
MAX. DAY		39.2	35.5	45.4	60.3	71.3	86.4	87.7	86.9	83.7	75.5	63.6	49.0
MO. AVE.		36.3	33.8	40.9	56.7	62.7	77.7	86.0	84.4	81.5	66.2	57.2	44.4

* MAXIMUM ALLOWED TEMPERATURE FOR MONTH

TABLE A6 SUMMARY OF 1979 OHIO RIVER TEMPERATURES

OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT	JAN. (50)*	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (87)	JULY (89)	AUG. (89)	SEP. (87)	OCT. (78)	NOV. (70)	DEC. (57)
SOUTH HEIGHTS	15.2												
MAX. HOUR		42.5	40.2	50.4	60.4	68.2	77.4	83.0	83.4	80.0	67.3	55.7	46.0
MAX. DAY		41.5	39.6	49.9	60.1	67.6	76.4	82.2	82.9	79.7	66.7	54.6	45.5
MO. AVE.		36.5	34.5	44.5	51.9	62.9	72.2	77.6	78.0	73.2	57.9	50.2	41.0
EAST LIVERPOOL	40.2												
MAX. HOUR		45.7	38.8	49.7	60.5	68.3	75.8	83.0	84.0	79.4	67.3	56.2	45.7
MAX. DAY		39.9	36.1	48.1	60.3	67.5	74.8	82.7	83.2	79.0	67.0	55.8	45.1
MO. AVE.		34.0	32.9	41.9	50.3	62.5	70.9	77.5	78.5	73.2	58.6	50.2	41.4
SHADYSIDE	102.4												
MAX. HOUR		ND	ND	ND	65.9	78.5	77.8	83.9	84.5	82.0	69.6	58.7	49.7
MAX. DAY		ND	ND	ND	64.6	74.4	76.6	83.6	84.2	81.3	68.9	58.5	49.1
MO. AVE.		ND	ND	ND	55.5	68.8	71.8	79.2	80.0	75.0	61.0	53.4	44.5
ADDISON	260.0												
MAX. HOUR		40.0	36.2	51.2	61.2	72.5	68.0	81.5	82.8	79.1	69.4	58.6	52.3
MAX. DAY		39.7	35.9	50.8	60.7	71.7	67.5	81.1	82.3	78.3	69.1	57.9	51.4
MO. AVE.		35.4	35.0	45.9	54.2	66.4	65.6	77.7	76.0	74.6	59.7	53.4	43.7
GALLIPOLIS	279.2												
MAX. HOUR		ND	40.8	52.2	61.9	71.4	76.7	81.8	86.3	79.8	69.2	58.8	48.2
MAX. DAY		ND	39.2	50.6	61.5	70.9	75.9	80.2	81.5	79.1	69.0	58.4	47.6
MO. AVE.		ND	35.0	46.7	54.4	65.6	71.6	77.3	78.0	74.4	60.0	52.4	42.3

* MAXIMUM ALLOWED TEMPERATURE FOR MONTH

TABLE A6 SUMMARY OF 1979 OHIO RIVER TEMPERATURES

OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT	JAN. (50)*	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (87)	JULY (89)	AUG. (89)	SEP. (87)	OCT. (78)	NOV. (70)	DEC. (57)
HUNTINGTON	306.9												
MAX. HOUR		42.6	42.1	51.2	61.0	70.2	77.6	83.9	83.6	78.0	68.3	58.4	51.2
MAX. DAY		41.4	41.1	50.4	60.3	69.8	76.6	81.8	82.2	77.2	68.0	57.8	50.1
MO. AVE.		37.0	35.3	45.2	57.5	64.2	71.6	76.6	77.9	73.0	59.1	52.2	42.6
CINCINNATI	462.8												
MAX. HOUR		39.7	41.6	49.9	60.0	70.2	76.3	79.4	82.9	76.7	67.8	56.8	48.1
MAX. DAY		39.3	39.9	49.9	59.4	69.5	75.6	79.1	82.5	76.4	67.3	55.9	47.6
MO. AVE.		35.3	33.7	45.1	53.5	65.4	70.5	75.7	77.7	72.3	59.1	50.9	41.7
NORTH BEND	490.0												
MAX. HOUR		47.3	43.1	56.8	63.2	73.7	81.5	81.1	84.0	79.7	69.6	60.4	55.4
MAX. DAY		46.4	41.5	56.2	61.8	72.9	79.7	79.9	82.8	79.2	69.3	59.4	54.3
MO. AVE.		39.9	38.0	47.7	58.7	68.3	74.2	78.3	78.9	74.2	61.5	54.5	47.5
MARKLAND	531.5												
MAX. HOUR		ND	ND	ND	60.5	72.1	77.4	82.6	82.2	78.1	68.0	57.8	49.7
MAX. DAY		ND	ND	ND	59.9	71.6	77.1	80.4	81.0	77.5	67.9	57.7	49.5
MO. AVE.		ND	ND	ND	59.8	66.9	73.0	76.5	77.8	72.9	60.6	53.1	44.5
LOUISVILLE	600.6												
MAX. HOUR		ND	40.1	52.2	61.3	70.4	76.7	79.8	81.2	78.2	67.3	58.3	48.8
MAX. DAY		ND	39.3	51.5	58.7	69.3	76.2	79.2	80.3	77.9	66.9	58.1	48.5
MO. AVE.		ND	35.4	45.6	54.4	65.5	72.5	76.5	77.6	72.4	60.6	52.4	43.5

* MAXIMUM ALLOWED TEMPERATURE FOR MONTH

TABLE A6 SUMMARY OF 1979 OHIO RIVER TEMPERATURES

OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT	JAN. (50)*	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (87)	JULY (89)	AUG. (89)	SEP. (87)	OCT. (78)	NOV. (70)	DEC. (57)
WESTPOINT	625.9												
MAX. HOUR		45.4	40.2	53.8	61.9	72.2	80.3	81.8	83.4	80.3	68.6	61.4	48.6
MAX. DAY		44.5	39.1	52.9	60.8	71.4	79.3	81.1	82.6	79.6	68.2	60.5	48.3
MO. AVE.		38.3	36.7	46.9	55.9	67.9	74.9	78.1	79.5	73.7	62.3	53.8	44.8
CANNELTON	720.7												
MAX. HOUR		42.2	40.4	49.8	60.0	71.0	79.6	82.8	81.4	79.8	67.3	59.8	48.5
MAX. DAY		41.9	39.0	49.6	59.2	70.6	78.9	80.5	80.8	78.6	67.0	59.3	47.9
MO. AVE.		36.2	35.3	46.0	54.2	67.0	74.6	77.8	78.6	73.6	61.6	53.3	43.9
EVANSVILLE	791.5												
MAX. HOUR		42.7	39.7	53.0	60.8	74.6	80.6	81.5	84.4	79.3	68.9	62.8	47.5
MAX. DAY		42.4	39.4	52.3	60.2	73.5	79.4	79.9	83.0	78.5	68.5	59.0	47.4
MO. AVE.		38.7	36.9	47.6	56.0	67.1	76.0	78.1	79.3	73.5	62.2	53.1	44.6
JOPPA	951.3												
MAX. HOUR		45.0	50.8	53.3	63.8	74.5	83.6	84.4	85.6	82.2	70.0	61.8	46.8
MAX. DAY		43.0	48.1	52.9	62.7	72.6	81.8	83.1	85.0	80.5	69.3	61.2	46.4
MO. AVE.		40.6	43.6	46.4	57.7	67.8	77.7	81.6	80.8	75.2	63.5	53.4	43.8

* MAXIMUM ALLOWED TEMPERATURE FOR MONTH

TABLE A7 SUMMARY OF 1978 TEMPERATURES

OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT+	JAN. (50)*	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (90)	JULY (90)	AUG. (90)	SEP. (90)	OCT. (78)	NOV. (70)	DEC. (57)
ALLEGHENY	13.3 (0.0)												
MAX. HOUR		33.4	35.7	43.9	56.8	73.6	79.7	84.1	84.5	79.7	73.0	54.6	42.1
MAX. DAY		33.1	35.2	43.7	55.9	72.5	78.7	83.3	83.8	78.7	72.1	54.1	41.8
MO. AVE.		32.7	32.8	36.5	49.3	60.2	74.7	78.4	80.3	76.1	60.5	50.3	38.4
MONONGAHELA	4.5 (0.0)												
MAX. HOUR		41.7	39.4	46.7	60.6	72.7	83.6	84.7	84.6	83.6	75.2	62.8	50.9
MAX. DAY		41.0	38.7	44.8	59.2	72.1	82.6	83.7	83.8	82.7	74.3	61.8	48.6
MO. AVE.		35.1	35.6	40.9	54.9	60.4	76.7	76.4	81.0	79.5	66.0	57.1	43.6
BEAVER	5.3 (25.4)												
MAX. HOUR		39.8	40.3	45.7	56.9	65.4	76.7	85.6	83.4	76.8	69.5	57.4	44.8
MAX. DAY		39.3	38.6	45.6	56.0	64.7	75.4	84.6	82.8	75.5	68.3	56.6	43.5
MO. AVE.		35.0	35.5	40.5	52.3	59.7	71.7	76.6	78.9	73.3	59.2	54.1	41.0
KANAWHA	31.1 (265.7)												
MAX. HOUR		39.0	37.9	51.1	65.0	72.0	86.8	90.0	84.1	85.1	76.2	70.8	52.0
MAX. DAY		38.8	37.5	50.7	63.5	71.9	83.7	89.6	83.5	83.5	75.5	60.3	51.6
MO. AVE.		35.1	34.7	42.3	58.7	61.6	76.8	83.8	80.0	80.7	67.3	57.4	44.6
BIG SANDY	20.3 (317.1)												
MAX. HOUR		41.5	43.2	41.5	67.8	73.7	67.5	89.3	89.0	83.5	72.5	70.0	55.7
MAX. DAY		40.2	42.6	40.8	67.3	73.6	81.5	86.0	85.7	80.7	70.9	66.1	54.2
MO. AVE.		35.9	39.4	38.9	60.6	60.8	77.4	81.3	80.2	75.3	64.7	56.5	45.3

* MAXIMUM ALLOWED TEMPERATURE FOR MONTH

\+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A7 SUMMARY OF 1978 TEMPERATURES

OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT+	JAN. (50)*	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (90)	JULY (90)	AUG. (90)	SEP. (90)	OCT. (78)	NOV. (70)	DEC. (57)
LICKING	4.5 (470.3)												
MAX. HOUR		33.6	33.8	49.9	59.8	71.8	82.2	83.6	80.5	80.2	67.3	53.8	56.4
MAX. DAY		33.2	33.7	48.8	59.4	70.0	81.6	82.8	79.7	79.4	66.8	53.1	54.3
MO. AVE.		32.6	32.5	40.3	55.8	59.8	72.9	80.4	75.9	75.0	56.9	49.7	44.6
GREAT MIAMI	5.5 (491.1)												
MAX. HOUR		37.4	42.8	44.4	61.8	75.7	82.7	81.5	81.7	83.4	69.5	61.1	51.2
MAX. DAY		36.7	42.0	43.0	60.3	74.2	80.4	80.2	79.9	81.6	68.0	59.8	50.7
MO. AVE.		34.4	38.5	41.7	56.0	63.3	75.2	77.8	77.0	75.8	60.5	54.4	47.9
WABASH	51.5 (848.0)												
MAX. HOUR		38.7	33.4	48.2	61.7	76.2	87.8	86.0	84.7	83.5	70.4	61.8	48.8
MAX. DAY		37.2	32.7	47.4	61.1	75.6	86.4	84.9	83.4	82.1	69.6	60.8	48.0
MO. AVE.		34.0	32.6	44.2	59.2	66.3	79.0	83.5	81.1	77.8	60.4	54.1	41.7

* MAXIMUM ALLOWED TEMPERATURE FOR MONTH

\+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A8 SUMMARY OF 1979 TEMPERATURES

OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT+	JAN. (50)*	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (90)	JULY (90)	AUG. (90)	SEP. (90)	OCT. (78)	NOV. (70)	DEC. (57)
ALLEGHENY	13.3 (0.0)												
MAX. HOUR		42.8	36.6	48.6	62.0	70.3	76.3	82.9	82.0	78.8	67.6	54.5	44.8
MAX. DAY		38.6	35.9	48.3	61.5	69.5	75.2	82.1	81.1	77.8	67.0	54.2	43.4
MO. AVE.		36.3	34.3	42.4	48.6	62.8	71.1	77.0	76.0	71.5	57.1	49.5	38.7
MONONGAHELA	4.5 (0.0)												
MAX. HOUR		42.0	43.1	55.1	66.7	73.2	83.0	87.0	86.0	80.8	69.5	60.2	49.8
MAX. DAY		41.2	41.3	53.8	65.0	71.6	81.6	85.7	84.8	77.3	68.5	59.1	48.4
MO. AVE.		36.7	36.0	46.8	55.0	65.5	76.0	81.0	78.2	73.5	59.2	53.7	44.5
BEAVER	5.3 (25.4)												
MAX. HOUR		40.1	45.6	50.0	64.9	76.6	79.1	83.4	83.9	82.3	69.2	61.6	48.2
MAX. DAY		38.7	43.7	48.6	64.1	74.6	78.2	82.7	83.5	81.7	68.1	60.5	47.5
MO. AVE.		34.5	36.9	42.3	53.6	65.8	73.1	77.9	78.6	72.4	58.8	51.7	41.6
KANAWHA	31.1 (265.7)												
MAX. HOUR		43.6	42.2	53.8	63.5	70.7	75.4	80.0	82.1	80.5	68.2	58.4	47.8
MAX. DAY		42.8	42.0	52.5	62.9	70.3	73.9	79.2	81.1	79.3	67.9	57.5	46.9
MO. AVE.		38.0	35.5	46.3	55.5	63.1	69.8	74.9	77.7	73.0	58.8	51.5	43.0
BIG SANDY	20.3 (317.1)												
MAX. HOUR		47.0	47.6	58.4	67.7	71.9	ND	78.2	86.2	81.7	71.3	60.6	53.8
MAX. DAY		44.8	47.1	58.0	66.1	70.9	ND	77.0	84.2	79.2	70.1	59.1	48.3
MO. AVE.		41.9	38.6	49.3	58.1	64.7	ND	73.1	77.3	73.9	58.3	51.6	41.7

* MAXIMUM ALLOWED TEMPERATURE FOR MONTH

\+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A8 SUMMARY OF 1979 TEMPERATURES

OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT+	JAN. (50)*	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (90)	JULY (90)	AUG. (90)	SEP. (90)	OCT. (78)	NOV. (70)	DEC. (57)
LICKING	4.5 (470.3)												
MAX. HOUR		44.5	41.6	53.5	65.3	71.4	72.1	77.5	78.2	76.1	64.8	57.2	44.9
MAX. DAY		44.1	40.8	52.2	64.9	70.7	71.5	77.0	77.2	75.5	64.6	56.8	44.6
MO. AVE.		35.7	34.3	45.9	56.8	65.7	69.4	72.2	73.2	68.4	57.4	48.4	39.6
GREAT MIAMI	5.5 (491.1)												
MAX. HOUR		ND	42.0	60.0	66.7	78.7	82.4	83.5	82.4	75.0	68.5	60.0	50.9
MAX. DAY		ND	40.9	59.2	66.0	77.0	81.0	81.6	81.7	74.2	67.3	59.3	50.0
MO. AVE.		ND	38.1	48.7	56.9	68.6	77.4	78.5	74.9	67.8	57.7	50.7	43.5
WABASH	51.5 (848.0)												
MAX. HOUR		43.1	40.7	60.0	66.1	74.6	82.1	83.5	89.2	80.8	73.4	65.0	49.6
MAX. DAY		42.7	39.4	59.5	62.5	73.1	81.3	82.4	84.8	79.7	72.3	60.2	47.3
MO. AVE.		34.9	36.2	47.2	56.7	67.9	77.4	79.6	79.8	73.6	62.5	51.8	43.3

* MAXIMUM ALLOWED TEMPERATURE FOR MONTH

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A9 SUMMARY OF 1978 OHIO RIVER SPECIFIC CONDUCTANCE
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
SOUTH HEIGHTS	15.2												
MAX. HOUR		328	361	442	329	364	484	414	438	475	518	486	373
MAX. DAY		308	351	426	318	355	445	409	435	474	507	443	343
MO. AVE.		256	292	284	243	278	368	309	366	437	420	379	240
EAST LIVERPOOL	40.2												
MAX. HOUR		296	377	509	319	378	350	400	457	497	533	438	442
MAX. DAY		285	372	497	314	372	345	383	453	485	527	429	424
MO. AVE.		248	312	389	237	278	319	312	407	448	438	394	261
SHADYSIDE	102.4												
MAX. HOUR		351	420	517	350	391	460	452	ND	ND	539	481	456
MAX. DAY		341	410	495	345	386	451	443	ND	ND	528	470	434
MO. AVE.		289	333	403	271	304	394	358	ND	ND	466	436	284
ADDISON	260.0												
MAX. HOUR		343	425	473	390	409	576	488	517	617	706	587	469
MAX. DAY		340	419	466	335	402	568	485	510	612	693	568	462
MO. AVE.		287	339	341	309	348	453	417	481	529	638	509	321
GALLIPOLIS	279.2												
MAX. HOUR		ND	ND	233	301	288	485	439	472	526	634	544	431
MAX. DAY		ND	ND	223	298	280	475	429	421	515	622	540	423
MO. AVE.		ND	ND	209	281	239	391	351	362	449	548	471	289

TABLE A9 SUMMARY OF 1978 OHIO RIVER SPECIFIC CONDUCTANCE
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
HUNTINGTON	306.9												
MAX. HOUR		287	342	349	328	278	499	494	415	547	610	529	283
MAX. DAY		273	335	345	318	271	487	475	409	543	602	529	271
MO. AVE.		224	317	277	228	211	406	373	367	462	533	462	229
CINCINNATI	462.8												
MAX. HOUR		314	354	386	323	320	412	450	382	518	577	551	461
MAX. DAY		311	354	384	320	315	400	441	379	502	574	551	433
MO. AVE.		286	316	326	294	255	325	385	351	414	490	498	281
NORTH BEND	490.0												
MAX. HOUR		337	360	410	346	332	416	467	404	529	577	587	452
MAX. DAY		327	357	399	343	327	406	456	401	516	572	581	443
MO. AVE.		305	306	335	298	276	348	421	385	420	498	504	275
MARKLAND	531.5												
MAX. HOUR		ND	ND	ND	ND	340	424	472	427	460	572	586	ND
MAX. DAY		ND	ND	ND	ND	333	418	462	415	456	569	582	ND
MO. AVE.		ND	ND	ND	ND	290	358	422	373	410	497	567	ND
LOUISVILLE	600.6												
MAX. HOUR		330	366	389	366	346	398	469	409	438	553	572	444
MAX. DAY		323	364	386	361	335	397	468	406	436	542	570	440
MO. AVE.		301	307	324	327	288	334	424	373	396	484	516	272

TABLE A9 SUMMARY OF 1978 OHIO RIVER SPECIFIC CONDUCTANCE
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
WESTPOINT	625.9												
MAX. HOUR		357	401	427	360	349	389	479	424	451	511	589	452
MAX. DAY		352	395	415	353	342	386	474	421	444	503	580	439
MO. AVE.		318	327	325	308	291	344	427	376	408	467	518	275
CANNELTON	720.7												
MAX. HOUR		389	ND	ND	408	400	551	520	450	479	596	757	468
MAX. DAY		376	ND	ND	405	392	467	507	450	450	560	691	456
MO. AVE.		337	ND	ND	357	324	395	486	420	437	529	562	307
EVANSVILLE	791.5												
MAX. HOUR		342	349	426	377	349	389	504	437	420	569	647	964
MAX. DAY		336	337	417	374	347	381	479	434	412	542	629	517
MO. AVE.		318	307	328	319	296	340	431	384	390	460	505	297
JOPPA	951.3												
MAX. HOUR		377	370	388	388	391	366	440	449	415	478	533	353
MAX. DAY		373	365	385	382	388	361	431	413	401	463	516	338
MO. AVE.		337	322	305	326	337	340	356	328	302	347	418	255

TABLE A10 SUMMARY OF 1979 OHIO RIVER SPECIFIC CONDUCTANCE
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
SOUTH HEIGHTS	15.2												
MAX. HOUR		361	478	344	332	420	533	589	559	370	336	371	349
MAX. DAY		330	434	314	322	387	520	585	490	352	322	350	327
MO. AVE.		269	320	260	261	338	401	527	399	311	250	302	280
EAST LIVERPOOL	40.2												
MAX. HOUR		325	457	302	343	402	493	565	570	413	337	344	329
MAX. DAY		311	430	293	328	388	489	556	535	364	332	337	314
MO. AVE.		265	353	243	257	332	388	517	424	322	271	312	259
SHADYSIDE	102.4												
MAX. HOUR		356	502	320	330	440	476	578	601	440	355	361	326
MAX. DAY		349	481	318	324	425	474	573	581	427	351	360	323
MO. AVE.		296	369	268	274	361	405	541	470	352	290	335	290
ADDISON	260.0												
MAX. HOUR		386	451	386	392	475	419	637	637	551	398	451	404
MAX. DAY		364	427	381	378	472	417	616	625	512	392	445	396
MO. AVE.		306	400	326	333	405	396	581	508	421	345	400	365
GALLIPOLIS	279.2												
MAX. HOUR		ND	386	317	331	402	403	522	514	517	331	358	366
MAX. DAY		ND	383	312	322	379	389	512	494	478	325	334	355
MO. AVE.		ND	266	246	280	300	332	447	414	341	258	278	299

TABLE A10 SUMMARY OF 1979 OHIO RIVER SPECIFIC CONDUCTANCE
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
HUNTINGTON	306.9												
MAX. HOUR		235	376	292	299	350	384	443	458	460	338	319	301
MAX. DAY		228	372	289	294	343	369	432	455	437	336	304	296
MO. AVE.		195	271	235	255	259	283	375	374	306	275	232	262
CINCINNATI	462.8												
MAX. HOUR		271	370	301	307	362	355	419	458	362	334	331	350
MAX. DAY		264	361	299	304	353	345	417	446	360	327	325	342
MO. AVE.		236	304	249	274	296	293	348	372	316	284	305	298
NORTH BEND	490.0												
MAX. HOUR		287	364	336	338	385	350	416	464	410	342	390	382
MAX. DAY		280	349	328	330	381	345	413	456	406	333	382	377
MO. AVE.		241	309	275	313	326	307	335	374	331	289	336	339
MARKLAND	531.5												
MAX. HOUR		ND	ND	ND	340	376	355	419	442	386	340	390	404
MAX. DAY		ND	ND	ND	337	366	350	415	435	384	335	383	395
MO. AVE.		ND	ND	ND	334	327	314	334	374	328	292	345	353
LOUISVILLE	600.6												
MAX. HOUR		ND	360	313	337	376	350	401	442	389	340	383	397
MAX. DAY		ND	348	311	336	367	340	398	439	387	336	381	396
MO. AVE.		ND	311	268	291	330	315	322	370	323	296	343	326

TABLE A10 SUMMARY OF 1979 OHIO RIVER SPECIFIC CONDUCTANCE
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
WESTPOINT	625.9												
MAX. HOUR		282	370	334	336	377	360	416	424	493	337	475	420
MAX. DAY		276	363	332	333	366	348	411	417	448	329	441	416
MO. AVE.		236	315	274	292	329	322	332	352	343	299	332	342
CANNELTON	720.7												
MAX. HOUR		467	491	397	444	416	386	389	476	392	392	398	577
MAX. DAY		333	421	366	375	386	379	384	453	387	351	375	449
MO. AVE.		281	351	317	334	343	329	298	375	316	301	333	348
EVANSVILLE	791.5												
MAX. HOUR		275	517	336	373	398	397	442	442	392	350	416	436
MAX. DAY		270	513	333	365	394	393	381	438	387	347	397	427
MO. AVE.		245	328	285	304	355	341	319	373	329	314	332	360
JUPPA	951.3												
MAX. HOUR		274	325	324	328	397	377	349	421	420	336	397	407
MAX. DAY		274	321	316	317	388	371	341	411	407	332	389	395
MO. AVE.		261	310	257	264	356	325	297	317	344	303	341	363

TABLE A11 SUMMARY OF 1978 SPECIFIC CONDUCTANCE
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
ALLEGHENY	13.3 (0.0)												
MAX. HOUR		255	277	335	283	335	412	397	444	450	415	328	276
MAX. DAY		244	267	331	273	326	393	385	427	443	411	323	271
MO. AVE.		191	245	229	188	255	302	339	372	381	341	290	222
MONONGAHELA	4.5 (0.0)												
MAX. HOUR		328	338	533	415	374	576	469	437	727	728	686	334
MAX. DAY		318	329	526	403	368	561	434	403	723	700	671	311
MO. AVE.		282	275	316	307	291	445	286	356	438	596	529	220
BEAVER	5.3 (25.4)												
MAX. HOUR		414	478	518	444	499	511	503	557	566	527	472	488
MAX. DAY		398	474	507	439	493	506	494	553	536	516	465	476
MO. AVE.		348	411	369	365	369	423	435	463	517	441	440	442
KANAWHA	31.1 (265.7)												
MAX. HOUR		226	243	240	272	184	282	324	384	360	463	508	464
MAX. DAY		216	232	228	265	181	267	308	378	337	458	494	442
MO. AVE.		167	197	146	200	143	226	243	233	282	338	431	192
BIG SANDY	20.3 (317.1)												
MAX. HOUR		356	377	267	448	302	535	599	539	626	583	652	556
MAX. DAY		353	374	264	444	302	526	552	503	610	581	647	552
MO. AVE.		224	322	236	401	229	429	474	400	555	534	601	312

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE AII SUMMARY OF 1978 SPECIFIC CONDUCTANCE
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
LICKING	4.5 (470.3)												
MAX. HOUR		349	328	350	349	313	368	388	318	482	402	431	331
MAX. DAY		347	322	347	341	299	323	380	309	296	366	395	316
MO. AVE.		279	228	275	253	244	248	302	270	250	274	362	261
GREAT MIAMI	5.5 (491.1)												
MAX. HOUR		788	877	893	766	786	767	754	750	802	817	821	792
MAX. DAY		760	872	889	759	784	759	749	721	765	809	808	783
MO. AVE.		718	778	873	676	688	694	691	636	680	769	770	695
WABASH	51.5 (848.0)												
MAX. HOUR		648	562	281	445	498	608	505	496	498	670	659	536
MAX. DAY		631	558	278	443	493	572	492	486	483	646	631	531
MO. AVE.		559	543	237	422	430	546	444	407	406	564	568	473

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A12 SUMMARY OF 1979 SPECIFIC CONDUCTANCE
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
ALLEGHENY	13.3 (0.0)												
MAX. HOUR		271	319	248	212	294	378	384	368	268	266	275	227
MAX. DAY		249	307	237	202	282	364	380	361	260	254	266	224
MO. AVE.		212	254	195	152	238	280	350	267	229	221	225	192
MONONGAHELA	4.5 (0.0)												
MAX. HOUR		312	530	437	446	506	714	780	629	416	364	460	401
MAX. DAY		294	453	405	430	456	657	708	596	398	346	424	374
MO. AVE.		251	348	295	331	345	476	617	436	322	250	340	322
BEAVER	5.3 (25.4)												
MAX. HOUR		589	690	481	392	504	557	557	568	572	522	506	449
MAX. DAY		553	666	471	384	486	544	547	557	564	510	504	434
MO. AVE.		398	480	336	330	400	428	489	525	440	416	421	361
KANAWHA	31.1 (265.7)												
MAX. HOUR		221	335	233	252	257	235	310	300	296	214	238	254
MAX. DAY		211	305	220	239	246	225	287	295	268	212	219	236
MO. AVE.		171	218	160	191	174	186	223	227	200	163	168	185
BIG SANDY	20.3 (317.1)												
MAX. HOUR		317	439	384	406	341	ND	398	485	612	486	493	391
MAX. DAY		305	411	380	398	336	ND	382	482	595	479	487	388
MO. AVE.		224	296	278	296	293	ND	305	366	438	390	294	275

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A12 SUMMARY OF 1979 SPECIFIC CONDUCTANCE
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
LICKING	4.5 (470.3)												
MAX. HOUR		269	245	323	380	407	310	354	313	344	370	379	416
MAX. DAY		254	224	302	374	387	289	288	300	340	366	376	414
MO. AVE.		230	192	224	313	305	231	235	253	256	280	311	307
GREAT MIAMI	5.5 (491.1)												
MAX. HOUR		ND	954	714	718	749	744	647	671	636	652	656	684
MAX. DAY		ND	889	710	709	742	724	627	666	631	648	648	674
MO. AVE.		ND	820	596	608	680	651	536	521	581	628	583	621
WABASH	51.5 (848.0)												
MAX. HOUR		533	656	476	523	598	608	634	527	553	650	647	568
MAX. DAY		526	649	469	516	591	604	613	525	543	638	636	565
MO. AVE.		475	505	369	439	544	527	473	391	524	585	515	450

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A13 SUMMARY OF 1979 OHIO RIVER PH LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN STANDARD UNITS

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
SOUTH HEIGHTS	15.2												
MAX. HOUR		7.3	7.1	7.6	7.2	7.6	7.7	7.5	7.3	7.5	7.6	7.6	7.4
MIN. HOUR		6.7	6.7	6.7	6.5	6.6	6.5	6.4	6.5	6.1	6.8	6.9	6.2
EAST LIVERPOOL	40.2												
MAX. HOUR		7.7	7.2	7.2	7.3	7.4	7.2	7.2	8.1	7.3	7.8	7.5	7.4
MIN. HOUR		7.2	6.7	6.9	6.8	6.9	6.9	6.7	6.7	6.5	6.9	6.8	6.7
SHADYSIDE	102.4												
MAX. HOUR		7.6	7.3	7.3	7.1	7.2	7.2	6.9	ND	ND	7.0	7.0	7.3
MIN. HOUR		6.5	6.5	6.6	6.7	6.6	6.4	6.3	ND	ND	6.4	6.5	6.6
ADDISON	260.0												
MAX. HOUR		7.4	7.3	7.5	7.6	7.7	7.5	7.2	7.4	7.6	7.9	7.5	7.5
MIN. HOUR		6.9	6.9	7.1	7.1	6.7	6.9	6.6	6.6	6.1	6.0	6.1	7.0
GALLIPOLIS	279.2												
MAX. HOUR		ND	ND	7.6	7.3	7.6	7.8	7.5	7.6	8.1	7.7	7.1	7.2
MIN. HOUR		ND	ND	7.0	7.1	7.1	7.1	6.6	7.0	7.0	7.0	6.9	6.8
HUNTINGTON	306.9												
MAX. HOUR		7.7	ND	ND	7.8	7.5	7.7	7.4	7.4	8.2	7.6	7.5	7.4
MIN. HOUR		7.3	ND	ND	6.9	7.2	7.2	7.0	6.9	7.0	7.0	7.0	6.8

TABLE A13 SUMMARY OF 1978 OHIO RIVER PH LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN STANDARD UNITS

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
CINCINNATI	462.8												
MAX. HOUR		7.2	7.1	7.2	7.5	7.6	7.9	7.9	8.0	8.9	8.0	8.0	7.4
MIN. HOUR		6.5	6.6	6.8	7.0	7.0	7.3	7.1	7.0	7.4	7.5	7.2	6.8
NORTH BEND	490.0												
MAX. HOUR		ND	ND	7.4	7.3	7.2	7.3	7.3	7.2	7.8	7.4	7.4	7.3
MIN. HOUR		ND	ND	7.1	6.9	6.7	6.7	6.7	6.8	6.7	6.7	6.7	6.3
MARKLAND	531.5												
MAX. HOUR		ND	ND	ND	ND	7.6	7.9	7.5	7.3	7.9	7.4	7.6	ND
MIN. HOUR		ND	ND	ND	ND	7.1	7.1	6.8	6.7	6.9	7.0	7.1	ND
LOUISVILLE	600.6												
MAX. HOUR		8.0	7.7	7.6	7.5	7.7	7.4	7.5	7.6	8.3	8.1	7.7	7.5
MIN. HOUR		7.2	7.2	7.1	7.0	6.9	6.7	6.9	6.8	6.9	7.1	6.0	6.7
WESTPOINT	625.9												
MAX. HOUR		7.6	7.4	7.3	7.5	7.5	7.5	7.7	7.4	8.5	7.9	7.6	7.4
MIN. HOUR		7.3	7.2	7.0	7.0	6.9	6.8	6.8	6.9	7.1	7.0	7.0	6.7
CANNELTON	720.7												
MAX. HOUR		7.7	ND	ND	7.5	7.6	7.9	7.8	7.5	8.4	7.7	8.0	8.1
MIN. HOUR		7.1	ND	ND	7.3	7.0	6.9	7.1	6.8	6.9	7.1	7.1	6.7

TABLE A13 SUMMARY OF 1978 OHIO RIVER PH LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN STANDARD UNITS

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
EVANSVILLE	791.5												
MAX. HOUR		7.7	ND	7.6	7.5	7.9	8.2	8.2	8.6	9.2	8.8	7.8	7.8
MIN. HOUR		7.2	ND	7.1	7.1	7.3	7.4	7.5	7.4	7.4	6.2	4.8	5.2
JUPPA	951.3												
MAX. HOUR		7.9	7.9	8.1	7.8	7.7	8.8	8.6	8.5	8.6	8.2	8.1	7.5
MIN. HOUR		7.1	7.3	7.4	7.4	7.4	7.4	7.4	6.7	6.5	7.4	7.4	7.0

TABLE A14 SUMMARY OF 1979 OHIO RIVER PH LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN STANDARD UNITS

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
SOUTH HEIGHTS	15.2												
MAX. HOUR		7.4	7.4	7.0	7.8	7.7	7.3	7.3	7.9	7.6	7.6	7.5	7.5
MIN. HOUR		6.3	6.4	6.4	6.4	6.7	6.7	6.3	6.6	6.7	6.9	6.7	6.9
EAST LIVERPOOL	40.2												
MAX. HOUR		7.3	7.4	7.4	7.2	7.2	7.3	7.1	7.2	7.6	7.4	7.5	7.6
MIN. HOUR		6.1	6.6	6.4	6.5	6.7	6.7	6.6	6.6	6.7	6.8	6.9	6.6
SHADYSIDE	102.4												
MAX. HOUR		7.2	7.5	7.1	7.2	7.1	7.6	7.4	7.3	7.1	7.7	7.5	7.7
MIN. HOUR		6.4	6.7	6.4	6.7	6.7	6.4	6.9	6.9	6.1	6.7	7.0	7.2
ADDISON	260.0												
MAX. HOUR		7.5	7.5	8.2	7.2	8.1	7.3	8.0	7.7	8.0	7.6	7.5	7.4
MIN. HOUR		7.0	6.7	6.3	6.9	6.7	6.9	6.9	6.7	6.8	6.9	7.1	7.0
GALLIPOLIS	279.2												
MAX. HOUR		ND	7.4	7.6	7.9	8.0	7.7	7.8	7.3	7.4	7.4	7.5	7.8
MIN. HOUR		ND	7.0	6.8	7.0	6.8	6.9	7.0	6.7	6.7	7.0	7.0	6.7
HUNTINGTON	306.9												
MAX. HOUR		7.5	7.7	7.6	7.4	7.3	7.7	7.8	7.4	7.7	7.7	7.6	7.6
MIN. HOUR		6.7	6.9	6.9	6.8	6.7	6.4	7.0	7.0	6.9	6.9	7.1	6.8

TABLE A14 SUMMARY OF 1979 OHIO RIVER PH LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN STANDARD UNITS

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
CINCINNATI	462.8												
MAX. HOUR		7.7	8.0	7.8	7.6	7.9	7.9	7.7	7.9	8.0	7.6	7.6	7.5
MIN. HOUR		6.5	5.9	6.8	6.8	6.9	6.9	6.9	6.8	7.2	7.0	6.2	7.0
NORTH BEND	490.0												
MAX. HOUR		7.3	7.3	7.5	7.4	7.3	7.3	7.3	7.3	7.5	7.6	7.5	7.4
MIN. HOUR		6.6	6.6	6.5	7.0	6.8	6.6	6.6	6.6	6.8	6.7	6.8	6.9
MARKLAND	531.5												
MAX. HOUR		ND	ND	ND	7.4	7.3	7.1	7.3	7.5	7.3	7.2	7.4	7.4
MIN. HOUR		ND	ND	ND	7.3	6.8	6.8	6.8	6.9	6.8	6.9	6.9	7.0
LOUISVILLE	600.6												
MAX. HOUR		ND	7.6	7.7	7.4	7.3	7.3	7.3	7.6	7.9	7.3	7.7	7.4
MIN. HOUR		ND	7.0	6.9	6.6	6.8	6.5	6.8	7.0	6.8	7.0	7.1	6.6
WESTPOINT	625.9												
MAX. HOUR		7.8	7.8	7.9	7.6	7.6	7.8	7.7	8.0	7.8	8.0	7.8	8.3
MIN. HOUR		6.7	6.7	6.7	7.0	7.0	6.8	6.8	6.6	6.5	6.3	6.7	6.8
CANNELTON	720.7												
MAX. HOUR		7.7	7.9	7.8	7.6	7.6	7.9	7.4	7.3	7.1	7.3	7.3	7.1
MIN. HOUR		6.9	6.6	6.9	7.2	7.1	6.6	6.7	6.4	6.5	6.6	6.3	6.4

TABLE A14 SUMMARY OF 1979 OHIO RIVER PH LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN STANDARD UNITS

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
EVANSVILLE	791.5												
MAX. HOUR		7.5	7.9	7.4	7.9	8.1	7.9	8.1	7.7	7.5	7.3	7.7	7.8
MIN. HOUR		7.2	7.1	7.2	7.0	6.8	6.3	6.6	6.7	6.6	6.6	6.6	7.1
JOPPA	951.3												
MAX. HOUR		7.6	7.6	7.5	7.4	8.2	7.8	8.1	7.7	8.0	7.8	7.9	7.9
MIN. HOUR		7.1	7.2	6.9	7.1	7.3	7.2	7.1	7.3	7.1	7.2	7.3	6.7

TABLE A15 SUMMARY OF 1978 PH LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN STANDARD UNITS

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
ALLEGHENY	13.3 (0.0)												
MAX. HOUR		7.0	7.0	7.2	6.8	7.3	7.3	7.2	7.3	7.3	7.5	7.4	7.5
MIN. HOUR		6.3	6.3	6.0	6.3	6.2	6.5	6.1	6.4	6.5	6.6	6.8	6.5
MONONGAHELA	4.5 (0.0)												
MAX. HOUR		7.1	7.1	7.5	7.3	7.3	8.5	8.1	7.8	7.6	8.1	8.3	7.8
MIN. HOUR		6.3	6.3	6.6	6.6	6.6	6.1	6.1	6.5	6.2	6.6	6.5	6.2
BEAVER	5.3 (25.4)												
MAX. HOUR		ND	ND	7.6	7.7	7.4	7.3	7.8	7.8	7.9	7.5	8.8	7.8
MIN. HOUR		ND	ND	7.0	7.2	6.9	6.7	7.0	6.9	6.6	6.0	6.7	6.8
KANAWHA	31.1 (265.7)												
MAX. HOUR		7.1	7.0	7.2	7.6	7.2	7.6	7.3	7.9	6.8	7.2	7.7	7.3
MIN. HOUR		6.2	6.7	6.6	6.5	6.7	6.5	6.5	6.5	6.2	6.1	6.5	5.9
BIG SANDY	20.3 (317.1)												
MAX. HOUR		7.4	7.2	7.4	7.7	7.2	7.6	7.7	7.4	7.8	7.7	7.7	8.0
MIN. HOUR		6.7	7.0	7.1	6.7	6.6	7.0	7.1	6.7	7.4	7.2	7.4	6.7
LICKING	4.5 (470.3)												
MAX. HOUR		8.4	8.1	8.3	8.2	8.0	8.4	7.9	7.8	8.3	8.0	8.2	8.2
MIN. HOUR		7.5	7.6	7.6	7.7	7.5	7.4	7.2	7.3	6.3	5.8	6.0	7.1

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A15 SUMMARY OF 1978 PH LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN STANDARD UNITS

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
GREAT MIAMI	5.5 (491.1)												
MAX. HOUR		7.9	7.8	7.9	8.4	8.5	8.5	8.4	8.5	8.6	8.6	8.4	7.9
MIN. HOUR		7.6	7.5	7.7	7.8	7.6	7.5	7.3	7.3	7.1	7.4	7.4	7.2
WABASH	51.5 (848.0)												
MAX. HOUR		8.2	8.0	8.0	8.2	8.0	8.4	8.2	8.6	8.5	8.5	8.6	7.9
MIN. HOUR		8.0	7.9	7.7	7.9	7.6	7.7	7.5	7.5	7.4	7.6	7.7	7.5

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A16 SUMMARY OF 1979 PH LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN STANDARD UNITS

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
ALLEGHENY	13.3 (0.0)												
MAX. HOUR		7.2	7.8	6.7	7.7	7.2	7.3	7.2	7.7	7.3	7.3	7.4	7.5
MIN. HOUR		6.2	6.4	6.0	6.2	6.1	6.4	6.2	6.5	6.2	6.5	6.3	6.4
MONONGAHELA	4.5 (0.0)												
MAX. HOUR		7.5	7.8	7.4	7.5	ND	8.0	7.6	7.5	7.6	7.8	7.9	7.1
MIN. HOUR		6.1	6.0	6.1	6.0	ND	7.0	6.8	6.8	6.7	6.6	6.8	6.2
BEAVER	5.3 (25.4)												
MAX. HOUR		7.9	7.9	8.4	7.8	7.6	7.7	8.4	7.8	7.9	7.6	7.5	7.9
MIN. HOUR		7.1	7.3	6.5	7.3	6.1	6.6	7.1	7.2	6.9	6.1	6.8	6.5
KANAWHA	31.1 (265.7)												
MAX. HOUR		7.1	7.1	7.5	7.5	7.4	7.3	7.1	7.4	7.2	7.1	7.2	7.7
MIN. HOUR		6.6	6.0	6.2	7.1	6.7	6.5	5.2	6.8	6.7	6.6	6.8	6.8
BIG SANDY	20.3 (317.1)												
MAX. HOUR		7.1	7.7	7.9	7.5	7.6	ND	7.6	7.4	7.9	7.9	7.7	7.9
MIN. HOUR		6.6	6.1	6.1	6.5	6.9	ND	6.1	6.0	6.0	6.2	7.2	6.9
LICKING	4.5 (470.3)												
MAX. HOUR		7.8	7.7	7.8	8.3	8.4	7.8	8.6	8.2	8.1	8.2	8.4	8.8
MIN. HOUR		7.0	7.1	7.1	7.3	7.2	7.2	7.1	6.9	7.1	7.2	6.3	7.3

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A16 SUMMARY OF 1979 PH LEVELS

OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN STANDARD UNITS

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
GREAT MIAMI	5.5 (491.1)												
MAX. HOUR		ND	8.0	8.4	8.4	8.1	8.6	8.7	8.4	8.1	8.4	8.2	8.3
MIN. HOUR		ND	7.4	7.1	7.3	7.3	7.2	6.8	7.1	7.4	7.7	7.3	7.7
WABASH	51.5 (848.0)												
MAX. HOUR		7.8	7.9	7.9	7.9	8.1	8.2	8.4	8.4	8.4	8.5	8.4	8.0
MIN. HOUR		7.1	7.3	7.2	7.3	7.3	7.1	7.1	7.0	7.8	8.0	7.3	6.6

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A17 SUMMARY OF 1978 OHIO RIVER DISSOLVED OXYGEN LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
SOUTH HEIGHTS	15.2												
MO. AVE.		14.2	15.4	14.1	12.9	10.1	8.4	8.7	7.7	7.2	8.7	11.4	13.7
MIN. DAY		12.6	14.9	12.3	10.9	7.4	7.5	6.9	6.3	5.2	7.6	10.8	10.4
MIN. HOUR		12.5	14.8	12.0	10.6	7.4	6.4	6.3	5.9	4.7	7.1	10.5	8.8
EAST LIVERPOOL	40.2												
MO. AVE.		14.8	16.3	14.4	12.9	10.9	9.0	7.2	7.8	7.7	9.8	13.0	12.6
MIN. DAY		13.3	15.7	13.6	12.2	8.9	8.5	6.9	6.7	6.6	6.4	11.0	10.1
MIN. HOUR		12.6	15.5	13.2	11.7	8.4	8.2	6.2	6.1	5.8	6.2	10.7	9.0
SHADYSIDE	102.4												
MO. AVE.		14.5	15.6	13.3	12.4	9.4	7.0	6.3	ND	ND	7.4	8.8	12.1
MIN. DAY		12.4	14.7	12.5	9.6	8.2	6.3	4.6	ND	ND	5.3	7.0	9.8
MIN. HOUR		12.0	14.3	12.2	9.4	8.2	6.1	4.6	ND	ND	5.0	6.6	9.3
ADDISON	260.0												
MO. AVE.		13.9	14.3	12.9	10.2	9.4	7.4	6.5	6.6	8.4	7.5	9.3	11.8
MIN. DAY		12.8	13.9	11.2	9.1	8.2	6.6	5.7	5.4	5.2	5.9	8.4	9.8
MIN. HOUR		12.6	13.8	11.1	9.1	8.0	6.3	5.5	5.0	5.1	5.7	8.2	9.1
GALLIPOLIS	279.2												
MO. AVE.		ND	ND	11.1	10.3	10.6	7.8	7.5	7.4	6.5	8.2	9.5	10.9
MIN. DAY		ND	ND	10.5	9.2	9.0	5.8	6.5	6.1	5.5	7.5	9.1	7.7
MIN. HOUR		ND	ND	10.2	9.1	8.9	5.5	6.2	5.7	5.1	7.2	8.1	7.4

TABLE A17 SUMMARY OF 1978 OHIO RIVER DISSOLVED OXYGEN LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
HUNTINGTON	306.9												
MO. AVE.		11.3	14.1	12.8	10.4	9.6	7.7	7.0	6.4	6.8	10.8	10.1	12.5
MIN. DAY		10.1	13.1	12.2	8.9	8.8	6.6	6.1	5.5	5.4	8.8	8.9	10.0
MIN. HOUR		9.5	13.0	12.0	8.6	8.8	6.2	5.9	5.4	5.2	8.3	8.1	9.6
CINCINNATI	462.8												
MO. AVE.		14.3	14.7	13.7	11.6	8.6	8.1	7.9	7.0	6.6	8.9	10.4	11.1
MIN. DAY		13.6	13.2	12.2	9.4	7.8	7.7	6.5	6.4	5.4	8.4	9.5	8.3
MIN. HOUR		13.0	13.1	12.0	9.2	7.7	7.4	6.3	6.1	5.2	8.3	9.3	8.2
NORTH BEND	490.0												
MO. AVE.		14.2	15.3	13.2	10.1	9.2	7.6	6.7	5.9	5.9	6.7	7.2	10.6
MIN. DAY		12.9	14.3	11.8	8.7	8.1	6.8	5.9	3.7	4.2	4.4	5.2	8.5
MIN. HOUR		12.5	14.0	11.7	8.5	8.0	6.4	4.9	3.2	4.0	4.0	4.8	8.2
MARKLAND	531.5												
MO. AVE.		ND	ND	ND	ND	9.0	7.3	5.9	5.4	5.4	6.2	7.4	ND
MIN. DAY		ND	ND	ND	ND	8.0	5.9	4.3	3.5	4.2	4.4	6.4	ND
MIN. HOUR		ND	ND	ND	ND	7.8	5.5	4.2	3.0	4.0	4.0	6.2	ND
LOUISVILLE	600.6												
MO. AVE.		12.7	14.2	12.5	10.3	8.4	7.3	6.6	6.4	7.6	7.5	8.8	10.0
MIN. DAY		11.8	13.0	10.6	8.7	6.8	5.5	5.6	4.3	4.9	5.9	7.9	8.2
MIN. HOUR		11.5	13.0	10.3	8.1	6.7	5.2	5.2	4.2	4.4	5.7	7.8	8.0

TABLE A17 SUMMARY OF 1978 OHIO RIVER DISSOLVED OXYGEN LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
WESTPOINT	625.9												
MO. AVE.		13.1	13.5	11.5	10.0	9.1	7.3	6.4	5.8	7.0	6.9	9.0	10.4
MIN. DAY		12.0	12.8	10.7	9.2	7.8	6.3	5.1	4.1	3.4	5.1	7.0	7.0
MIN. HOUR		11.1	12.6	10.5	9.0	7.8	5.9	4.7	4.1	3.0	5.0	6.8	6.3
CANNELTON	720.7												
MO. AVE.		12.9	ND	ND	10.1	9.0	7.7	6.2	5.3	5.9	7.7	7.8	10.2
MIN. DAY		12.3	ND	ND	9.1	8.0	6.4	4.7	4.3	4.3	6.8	6.3	6.9
MIN. HOUR		12.0	ND	ND	9.1	8.0	6.2	4.3	3.9	4.1	6.5	6.1	6.7
EVANSVILLE	791.5												
MO. AVE.		12.0	13.7	11.8	9.8	8.5	8.1	8.1	7.8	8.7	8.5	8.7	10.3
MIN. DAY		11.1	12.6	10.6	8.9	8.1	7.1	6.2	6.4	6.5	7.0	6.6	7.9
MIN. HOUR		11.0	12.6	10.2	8.3	8.0	6.9	6.1	6.1	6.1	6.0	6.5	7.6
JOPPA	951.3												
MO. AVE.		13.9	12.9	12.0	9.9	8.7	8.4	7.3	7.2	6.3	8.4	9.0	10.6
MIN. DAY		13.2	12.6	10.8	9.0	7.7	6.7	5.1	4.4	5.1	6.9	7.9	9.9
MIN. HOUR		13.0	12.6	10.7	8.8	7.6	6.5	5.0	4.1	4.2	6.4	6.6	9.7

TABLE A18 SUMMARY OF 1979 OHIO RIVER DISSOLVED OXYGEN LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
SOUTH HEIGHTS	15.2												
MO. AVE.		14.6	15.1	15.3	11.7	9.8	8.6	7.6	6.7	8.3	10.4	11.2	11.2
MIN. DAY		12.5	11.7	12.0	10.0	7.9	7.7	6.1	5.2	6.8	8.5	9.6	8.9
MIN. HOUR		11.9	11.6	11.3	9.9	7.8	7.3	5.7	4.8	6.7	8.4	9.1	8.8
EAST LIVERPOOL	40.2												
MO. AVE.		13.6	15.2	12.8	11.8	9.9	8.4	7.5	8.6	8.0	10.3	9.2	10.6
MIN. DAY		9.6	13.3	9.1	9.6	7.6	6.4	6.6	7.5	5.5	9.2	8.3	9.5
MIN. HOUR		8.0	11.1	7.2	9.1	7.1	6.2	6.2	7.1	5.4	9.0	7.8	8.9
SHADYSIDE	102.4												
MO. AVE.		14.3	13.7	14.3	11.7	7.8	9.0	6.5	6.8	7.2	8.8	10.2	12.2
MIN. DAY		12.9	11.2	11.7	9.0	6.4	7.6	4.5	5.5	6.2	7.5	9.0	11.0
MIN. HOUR		11.6	10.8	11.2	8.0	6.4	7.3	4.0	5.5	5.7	7.2	8.2	10.3
ADDISON	260.0												
MO. AVE.		13.0	13.1	10.7	10.6	9.0	9.3	7.4	6.2	7.5	9.5	9.7	11.7
MIN. DAY		11.6	11.5	8.7	8.7	6.7	8.7	6.3	5.2	6.8	6.5	7.5	10.3
MIN. HOUR		10.4	10.9	8.5	8.2	6.4	8.1	5.9	5.0	6.0	6.1	7.3	9.9
GALLIPOLIS	279.2												
MO. AVE.		ND	12.1	12.4	11.2	9.2	9.7	7.9	6.8	6.6	9.3	11.2	11.1
MIN. DAY		ND	11.4	9.0	10.0	7.4	8.8	7.2	6.1	5.8	7.5	10.0	9.4
MIN. HOUR		ND	10.7	8.7	9.1	7.3	8.5	6.9	6.0	5.7	7.3	9.4	8.5

TABLE A18 SUMMARY OF 1979 OHIO RIVER DISSOLVED OXYGEN LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
HUNTINGTON	306.9												
MO. AVE.		13.9	12.9	13.4	10.3	9.4	9.5	7.1	7.0	8.5	7.4	8.9	10.1
MIN. DAY		11.1	9.2	9.6	8.4	8.2	7.8	5.9	5.6	5.2	5.9	7.4	7.5
MIN. HOUR		10.8	9.1	9.0	7.6	7.0	7.1	5.5	5.0	5.0	5.6	7.0	7.1
CINCINNATI	462.8												
MO. AVE.		12.8	14.1	11.7	11.7	9.6	8.0	8.1	7.3	6.7	9.3	10.4	11.8
MIN. DAY		11.0	11.3	9.0	10.4	7.3	6.7	6.5	6.2	5.5	7.3	9.5	9.7
MIN. HOUR		10.9	10.1	9.0	10.3	7.0	6.1	6.3	6.1	5.3	7.1	9.1	9.5
NORTH BEND	490.0												
MO. AVE.		13.6	13.9	12.2	10.2	8.6	7.6	6.3	6.7	6.5	8.6	10.0	11.9
MIN. DAY		11.8	12.2	10.0	9.7	7.5	7.1	5.5	6.0	5.4	7.1	8.0	10.2
MIN. HOUR		11.6	10.4	9.6	9.4	7.0	6.4	5.3	5.6	5.0	6.8	7.7	9.5
MARKLAND	531.5												
MO. AVE.		ND	ND	ND	8.7	8.3	6.8	5.6	6.6	6.2	8.1	9.5	10.9
MIN. DAY		ND	ND	ND	8.6	6.8	5.2	4.1	5.1	4.3	5.8	7.7	9.3
MIN. HOUR		ND	ND	ND	8.5	6.5	5.0	4.0	4.5	4.0	5.6	7.5	9.1
LOUISVILLE	600.6												
MO. AVE.		ND	12.3	11.5	10.4	8.7	7.3	6.6	6.0	6.7	7.8	9.9	11.3
MIN. DAY		ND	11.5	9.9	9.6	7.3	6.2	4.8	4.3	5.4	6.8	8.3	8.3
MIN. HOUR		ND	10.7	9.3	9.0	6.8	6.0	4.6	4.2	5.1	6.6	7.9	8.1

TABLE A18 SUMMARY OF 1979 OHIO RIVER DISSOLVED OXYGEN LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
WESTPOINT	625.9												
MO. AVE.		13.8	13.2	11.9	10.4	8.4	6.7	5.4	5.6	6.5	9.3	10.3	11.0
MIN. DAY		9.8	12.6	10.7	9.4	7.2	5.4	4.0	3.9	4.1	8.2	8.7	8.6
MIN. HOUR		8.6	12.4	10.3	9.3	7.0	5.0	4.0	3.9	4.0	7.8	8.5	8.3
CANNELTON	720.7												
MO. AVE.		13.6	12.9	11.4	9.9	8.4	7.4	5.8	6.2	6.2	8.7	9.7	11.0
MIN. DAY		11.1	11.8	11.0	9.0	7.7	6.2	4.6	5.1	5.3	7.7	8.7	9.9
MIN. HOUR		10.2	11.7	10.9	8.9	7.5	5.4	4.5	4.5	5.1	7.4	8.4	9.8
EVANSVILLE	791.5												
MO. AVE.		14.6	13.2	11.1	9.5	8.4	7.2	7.1	6.4	6.2	8.6	11.0	11.0
MIN. DAY		12.1	12.1	9.4	8.8	7.7	6.2	5.5	5.6	4.5	7.4	6.7	9.4
MIN. HOUR		12.0	11.4	9.0	8.1	7.3	6.1	5.4	5.4	4.1	7.0	6.0	9.2
JOPPA	951.3												
MO. AVE.		13.3	12.6	10.8	8.9	7.4	6.8	6.4	4.8	5.9	7.7	9.4	10.7
MIN. DAY		10.0	8.6	9.1	7.6	6.0	5.2	4.0	4.1	4.1	5.6	8.1	9.2
MIN. HOUR		9.9	7.8	9.1	7.6	6.0	5.0	4.0	4.0	4.0	5.6	7.3	9.0

TABLE A19 SUMMARY OF 1978 DISSOLVED OXYGEN LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
ALLEGHENY	13.3 (0.0)												
MO. AVE.		14.9	15.3	14.5	12.0	10.1	9.6	8.6	8.1	8.1	9.2	11.0	11.7
MIN. DAY		12.3	14.7	13.4	11.2	8.9	8.9	7.7	6.7	6.9	7.7	10.2	8.8
MIN. HOUR		11.7	14.5	13.1	11.0	8.8	8.5	7.4	6.6	6.5	7.5	10.0	8.3
MONONGAHELA	4.5 (0.0)												
MO. AVE.		13.5	16.1	12.3	9.9	9.7	7.2	6.9	6.9	5.9	7.1	10.2	11.8
MIN. DAY		12.2	15.1	11.4	9.0	8.2	5.5	5.4	5.5	4.8	5.5	7.9	9.0
MIN. HOUR		12.1	14.3	11.0	9.0	8.2	4.5	5.2	5.1	4.6	5.2	7.4	8.7
BEAVER	5.3 (25.4)												
MO. AVE.		12.9	11.3	9.9	9.5	7.0	4.8	4.5	4.8	5.0	6.2	5.4	7.3
MIN. DAY		12.1	10.0	8.5	7.9	5.5	2.8	3.6	3.1	4.3	4.8	4.3	6.4
MIN. HOUR		12.0	9.8	8.3	7.2	5.1	2.2	3.0	2.5	4.0	4.3	3.9	5.7
KANAWHA	31.1 (265.7)												
MO. AVE.		13.7	13.2	12.0	10.0	9.8	7.4	6.5	7.0	5.0	6.9	10.3	11.9
MIN. DAY		12.8	12.0	10.5	8.9	8.1	5.4	5.8	6.4	4.1	5.2	8.6	10.0
MIN. HOUR		12.6	11.9	10.3	8.7	8.0	5.1	5.3	6.0	3.6	5.0	8.1	9.2
BIG SANDY	20.3 (317.1)												
MO. AVE.		13.1	13.0	12.6	9.3	9.2	7.2	6.7	6.5	6.6	7.2	9.4	11.0
MIN. DAY		11.3	12.4	10.9	8.1	7.7	6.5	6.0	5.7	5.6	6.0	6.8	9.7
MIN. HOUR		11.1	12.1	10.8	7.9	7.7	6.2	5.6	4.9	4.8	6.0	6.5	9.0

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A19 SUMMARY OF 1978 DISSOLVED OXYGEN LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
LICKING	4.5 (470.3)												
MO. AVE.		11.6	13.6	12.0	10.8	8.8	8.0	5.8	6.4	7.0	9.3	9.6	9.6
MIN. DAY		11.0	13.2	11.3	9.3	7.9	5.7	4.4	5.3	6.2	7.5	8.4	6.0
MIN. HOUR		10.9	13.2	11.1	9.2	7.7	5.2	3.6	5.0	5.2	7.3	8.1	5.1
GREAT MIAMI	5.5 (491.1)												
MO. AVE.		11.5	10.2	11.9	9.7	8.0	8.2	8.3	9.0	10.1	10.3	9.0	8.7
MIN. DAY		10.8	9.3	11.5	8.5	6.4	6.0	6.4	5.6	4.4	6.7	6.7	7.5
MIN. HOUR		10.8	9.1	11.0	8.3	5.9	4.8	4.3	5.0	4.0	6.4	6.6	6.8
WABASH	51.5 (848.0)												
MO. AVE.		11.7	12.2	10.7	8.9	7.8	9.0	5.1	7.7	8.8	9.0	9.6	11.0
MIN. DAY		10.5	12.0	10.4	8.2	7.2	6.6	4.4	5.2	4.8	7.3	7.2	9.3
MIN. HOUR		10.0	12.0	10.2	8.1	7.0	6.1	4.1	5.0	4.4	7.0	6.9	9.1

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A20 SUMMARY OF 1979 DISSOLVED OXYGEN LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
ALLEGHENY	13.3 (0.0)												
MO. AVE.		13.0	14.5	15.5	11.9	10.0	9.2	8.6	7.0	8.1	10.7	10.4	13.7
MIN. DAY		12.4	12.5	12.9	9.6	8.5	8.6	7.1	5.9	7.1	8.9	8.5	11.8
MIN. HOUR		10.2	10.1	12.0	9.1	7.8	8.0	7.0	5.5	6.9	8.7	7.8	11.6
MONONGAHELA	4.5 (0.0)												
MO. AVE.		12.3	13.5	12.6	10.8	9.5	7.5	6.3	6.5	6.8	9.8	10.7	12.1
MIN. DAY		9.8	10.1	10.5	9.0	8.0	5.4	5.1	5.4	6.4	8.5	9.7	11.0
MIN. HOUR		9.2	8.7	10.3	8.2	7.5	5.0	4.5	5.0	6.1	8.0	9.5	10.7
BEAVER	5.3 (25.4)												
MO. AVE.		11.7	10.9	14.1	8.6	6.7	5.4	5.2	5.0	4.4	5.8	7.1	8.9
MIN. DAY		10.3	8.9	9.2	6.5	4.9	4.1	4.0	3.6	3.8	4.3	5.1	7.1
MIN. HOUR		9.6	8.0	9.0	6.1	4.3	4.0	4.0	3.0	3.5	4.1	5.0	7.0
KANAWHA	31.1 (265.7)												
MO. AVE.		13.2	12.8	13.1	11.4	9.4	8.8	7.6	6.6	8.0	8.5	7.7	9.3
MIN. DAY		10.0	10.8	11.1	9.1	7.8	7.5	6.4	5.4	6.1	7.5	6.3	8.7
MIN. HOUR		8.3	10.5	10.9	8.7	7.6	7.1	6.2	5.0	5.5	6.5	6.1	8.5
BIG SANDY	20.3 (317.1)												
MO. AVE.		11.9	13.5	12.4	10.7	9.1	ND	7.2	6.8	6.8	8.1	10.7	11.8
MIN. DAY		10.7	11.7	9.4	9.1	8.7	ND	6.3	5.5	6.0	6.3	9.1	9.9
MIN. HOUR		10.4	10.5	9.0	8.8	7.1	ND	6.1	5.2	5.4	6.1	8.7	9.5

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A20 SUMMARY OF 1979 DISSOLVED OXYGEN LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
LICKING	4.5 (470.3)												
MO. AVE.		13.1	13.5	11.3	9.7	8.4	6.6	6.7	6.7	7.7	9.8	10.8	11.8
MIN. DAY		11.1	11.9	10.0	8.3	6.8	4.7	6.3	5.1	5.5	8.3	9.9	9.8
MIN. HOUR		11.0	11.7	9.7	8.0	6.3	4.5	5.5	4.9	5.0	7.7	9.5	9.3
GREAT MIAMI	5.5 (491.1)												
MO. AVE.		ND	11.4	10.0	8.6	7.0	7.5	8.3	6.7	7.2	9.2	9.4	11.0
MIN. DAY		ND	10.0	8.1	6.9	5.1	5.6	5.4	4.6	6.5	8.5	8.2	9.4
MIN. HOUR		ND	9.5	7.8	6.5	5.0	5.0	4.8	4.0	5.6	7.9	7.9	9.1
WABASH	51.5 (848.0)												
MO. AVE.		12.0	11.9	11.2	8.5	7.2	6.8	5.6	4.3	7.8	9.6	8.9	10.2
MIN. DAY		10.7	10.3	8.6	7.4	5.7	5.1	4.0	3.0	5.9	8.0	6.8	9.4
MIN. HOUR		10.3	9.1	7.6	6.7	5.1	5.0	4.0	3.0	5.7	7.4	6.6	8.8

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A21 SUMMARY OF 1978 OHIO RIVER DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
SOUTH HEIGHTS	15.2												
MAX. HOUR		116	114	124	129	116	109	145	112	99	97	112	126
MAX. DAY		114	113	122	123	112	102	127	109	96	95	107	124
MIN. DAY		88	106	99	99	83	88	88	78	63	72	97	89
MIN. HOUR		87	104	91	96	81	73	73	73	58	70	92	77
EAST LIVERPOOL	40.2												
MAX. HOUR		122	120	114	124	123	112	96	112	126	111	138	106
MAX. DAY		114	118	113	122	119	106	94	110	108	108	135	106
MIN. DAY		93	109	101	103	88	98	79	85	81	73	104	83
MIN. HOUR		89	108	96	99	82	95	72	77	72	71	101	74
SHADYSIDE	102.4												
MAX. HOUR		ND	134	126	132	116	112	103	ND	ND	106	112	128
MAX. DAY		ND	129	124	130	114	105	99	ND	ND	101	108	121
MIN. DAY		ND	117	92	101	88	79	60	ND	ND	61	65	86
MIN. HOUR		ND	109	92	99	85	78	58	ND	ND	5	62	81
ADDISON	260.0												
MAX. HOUR		110	104	105	102	105	96	94	99	129	101	98	111
MAX. DAY		106	103	101	100	104	92	91	95	122	100	97	106
MIN. DAY		89	98	88	84	84	77	68	69	65	61	80	85
MIN. HOUR		88	97	86	83	82	73	66	63	64	59	79	78

TABLE A21 SUMMARY OF 1978 OHIO RIVER DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
GALLIPOLIS	279.2												
MAX. HOUR		ND	ND	97	102	112	123	124	112	122	109	96	101
MAX. DAY		ND	ND	94	101	111	110	107	106	97	99	94	98
MIN. DAY		ND	ND	89	83	89	66	81	79	70	84	84	66
MIN. HOUR		ND	ND	87	63	87	63	78	73	65	81	73	64
HUNTINGTON	306.9												
MAX. HOUR		92	109	110	107	99	108	100	94	115	154	105	120
MAX. DAY		90	107	101	106	94	102	97	89	96	130	103	118
MIN. DAY		71	96	95	81	88	81	75	68	69	95	86	81
MIN. HOUR		66	94	93	80	85	77	72	66	63	93	80	78
CINCINNATI	462.8												
MAX. HOUR		110	115	113	132	95	107	132	103	110	97	114	95
MAX. DAY		108	113	112	130	93	101	123	100	106	95	110	95
MIN. DAY		96	95	95	89	77	93	81	79	67	87	90	71
MIN. HOUR		91	94	93	87	75	89	78	77	64	86	88	70
NORTH BEND	490.0												
MAX. HOUR		115	112	107	105	103	101	103	93	116	99	88	108
MAX. DAY		113	111	105	102	100	97	97	88	104	94	85	104
MIN. DAY		94	102	91	84	85	81	75	46	54	51	52	77
MIN. HOUR		90	99	89	83	81	74	62	42	50	45	48	74

TABLE A21 SUMMARY OF 1978 OHIO RIVER DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MARKLAND	531.5												
MAX. HOUR		ND	ND	ND	ND	101	107	95	96	101	84	90	ND
MAX. DAY		ND	ND	ND	ND	97	100	92	86	87	80	85	ND
MIN. DAY		ND	ND	ND	ND	81	74	54	43	51	51	64	ND
MIN. HOUR		ND	ND	ND	ND	79	67	52	38	48	43	62	ND
LOUISVILLE	600.6												
MAX. HOUR		117	110	107	108	101	115	107	107	141	118	92	100
MAX. DAY		115	108	107	106	95	108	99	99	136	115	91	99
MIN. DAY		85	91	86	84	75	67	71	55	61	64	80	73
MIN. HOUR		82	91	83	79	70	62	66	54	55	61	77	72
WESTPOINT	625.9												
MAX. HOUR		106	109	100	104	105	125	113	97	140	111	110	104
MAX. DAY		105	108	98	100	98	108	102	89	134	106	103	99
MIN. DAY		87	91	78	87	80	75	67	54	43	58	72	61
MIN. HOUR		82	88	78	86	78	71	61	53	39	56	70	55
CANNELTON	720.7												
MAX. HOUR		100	ND	ND	99	105	117	117	92	124	95	89	98
MAX. DAY		98	ND	ND	98	98	108	113	83	108	90	86	96
MIN. DAY		87	ND	ND	88	79	80	62	56	54	73	58	61
MIN. HOUR		84	ND	ND	87	79	77	56	50	51	72	56	60

TABLE A21 SUMMARY OF 1978 OHIO RIVER DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
EVANSVILLE	791.5												
MAX. HOUR		96	99	97	108	96	120	129	160	176	125	119	103
MAX. DAY		93	99	95	97	94	110	117	135	151	113	106	99
MIN. DAY		77	88	84	85	79	83	82	80	81	75	64	71
MIN. HOUR		76	88	80	79	79	80	80	76	76	64	62	69
JOPPA	951.3												
MAX. HOUR		111	95	104	107	107	123	146	136	102	110	113	101
MAX. DAY		109	95	103	103	105	121	131	120	96	108	111	99
MIN. DAY		96	89	85	88	80	77	68	56	66	74	72	81
MIN. HOUR		95	89	84	86	79	75	67	52	54	67	66	80

TABLE A22 SUMMARY OF 1979 OHIO RIVER DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
SOUTH HEIGHTS	15.2												
MAX. HOUR		118	119	144	113	115	118	119	110	109	111	116	108
MAX. DAY		117	115	143	110	110	110	113	107	103	109	112	105
MIN. DAY		95	89	104	99	86	92	77	62	84	88	87	68
MIN. HOUR		86	88	95	97	84	36	72	58	82	83	81	68
EAST LIVERPOOL	40.2												
MAX. HOUR		123	119	148	122	118	109	117	127	118	116	100	95
MAX. DAY		109	117	145	118	116	107	113	121	111	113	98	87
MIN. DAY		73	93	68	83	81	76	79	92	67	92	72	73
MIN. HOUR		66	77	54	79	75	73	74	90	65	85	66	69
SHADYSIDE	102.4												
MAX. HOUR		128	120	148	120	106	131	110	96	118	113	108	113
MAX. DAY		124	118	145	119	102	125	105	91	109	102	104	109
MIN. DAY		110	94	102	94	75	90	58	72	69	77	88	89
MIN. HOUR		96	90	97	86	71	85	51	69	66	74	83	83
ADDISON	260.0												
MAX. HOUR		100	105	108	117	130	110	107	90	103	115	104	105
MAX. DAY		99	102	106	114	124	106	97	84	99	109	100	100
MIN. DAY		88	84	68	94	74	94	74	66	74	73	71	87
MIN. HOUR		79	79	66	78	71	88	70	63	67	68	69	84

TABLE A22 SUMMARY OF 1979 OHIO RIVER DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
GALLIPOLIS	279.2												
MAX. HOUR		ND	101	118	120	115	128	122	93	95	112	109	105
MAX. DAY		ND	98	117	116	110	118	106	90	92	109	109	101
MIN. DAY		ND	85	72	95	77	101	89	77	64	71	91	76
MIN. HOUR		ND	81	69	84	76	99	86	75	63	70	87	69
HUNTINGTON	306.9												
MAX. HOUR		117	104	132	122	109	120	103	104	124	103	96	90
MAX. DAY		116	103	131	120	108	116	97	101	119	95	91	86
MIN. DAY		81	65	90	81	83	93	72	67	63	56	65	66
MIN. HOUR		80	64	76	74	71	85	68	61	61	54	61	63
CINCINNATI	462.8												
MAX. HOUR		107	106	105	124	126	111	115	109	95	104	104	99
MAX. DAY		102	104	104	122	122	108	110	106	93	103	102	98
MIN. DAY		80	87	73	93	79	70	79	72	60	77	82	83
MIN. HOUR		78	80	73	93	76	64	77	71	57	74	81	81
NORTH BEND	490.0												
MAX. HOUR		116	121	123	105	105	101	100	104	88	102	107	128
MAX. DAY		113	116	119	102	101	96	92	96	86	97	105	114
MIN. DAY		94	91	93	95	82	82	67	74	66	79	71	87
MIN. HOUR		93	77	89	93	77	76	64	69	61	76	69	85

TABLE A22 SUMMARY OF 1979 OHIO RIVER DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MARKLAND	531.5												
MAX. HOUR		ND	ND	ND	89	106	94	84	99	96	95	102	96
MAX. DAY		ND	ND	ND	87	96	92	78	93	89	94	97	95
MIN. DAY		ND	ND	ND	85	75	62	52	60	52	64	70	81
MIN. HOUR		ND	ND	ND	84	71	59	47	54	48	62	68	75
LOUISVILLE	600.6												
MAX. HOUR		ND	101	109	106	108	107	101	109	95	91	97	97
MAX. DAY		ND	99	106	104	104	104	95	98	90	90	93	96
MIN. DAY		ND	83	83	92	79	71	59	53	62	65	73	71
MIN. HOUR		ND	76	77	88	73	68	57	51	59	64	69	70
WESTPOINT	625.9												
MAX. HOUR		123	111	113	110	106	96	89	105	98	109	110	109
MAX. DAY		120	109	111	108	100	89	85	91	92	103	107	106
MIN. DAY		75	92	95	93	82	65	48	50	51	89	76	73
MIN. HOUR		66	91	94	91	78	60	48	49	49	85	74	69
CANNELTON	720.7												
MAX. HOUR		109	103	102	97	101	102	91	98	86	94	94	95
MAX. DAY		107	101	99	95	99	99	88	95	84	93	93	95
MIN. DAY		83	88	91	88	86	75	55	62	60	83	81	85
MIN. HOUR		73	87	88	87	84	67	53	55	59	81	77	83

TABLE A22 SUMMARY OF 1979 OHIO RIVER DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
EVANSVILLE	791.5												
MAX. HOUR		121	106	101	101	111	103	124	109	101	97	114	97
MAX. DAY		119	104	98	98	103	97	110	98	95	93	112	96
MIN. DAY		96	87	83	86	83	76	68	69	50	78	67	79
MIN. HOUR		95	84	81	77	80	75	65	67	45	75	57	78
JOPPA	951.3												
MAX. HOUR		112	113	100	90	107	104	108	81	97	90	96	96
MAX. DAY		109	108	98	90	104	100	101	75	88	88	94	96
MIN. DAY		79	74	80	77	67	63	51	51	50	63	76	76
MIN. HOUR		79	69	79	77	66	62	50	49	50	62	74	75

TABLE A23 SUMMARY OF 1978 DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
ALLEGHENY	13.3 (0.0)												
MAX. HOUR		119	112	124	116	111	127	126	123	113	99	104	111
MAX. DAY		117	111	118	109	107	124	121	114	104	97	100	99
MIN. DAY		86	102	95	99	87	105	98	82	85	84	91	66
MIN. HOUR		82	101	93	96	86	100	94	81	80	82	88	62
MONONGAHELA	4.5 (0.0)												
MAX. HOUR		108	125	108	106	110	116	119	108	89	94	118	116
MAX. DAY		103	122	104	105	103	106	116	106	86	91	115	111
MIN. DAY		85	107	92	85	90	70	64	70	60	55	79	76
MIN. HOUR		84	106	90	84	86	57	61	66	56	53	73	73
BEAVER	5.3 (25.4)												
MAX. HOUR		99	91	96	101	94	73	83	101	74	92	70	84
MAX. DAY		97	90	95	100	92	63	75	82	62	74	62	81
MIN. DAY		86	74	65	73	55	33	45	38	52	45	41	56
MIN. HOUR		83	73	64	66	51	26	37	32	47	45	38	46
KANAWHA	31.1 (265.7)												
MAX. HOUR		105	104	113	110	111	113	106	116	80	107	129	107
MAX. DAY		104	103	111	109	110	102	96	99	73	104	122	106
MIN. DAY		95	87	79	89	88	65	75	78	52	54	83	85
MIN. HOUR		95	86	78	86	86	61	69	73	45	52	78	71

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A23 SUMMARY OF 1978 DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
BIG SANDY	20.3 (317.1)												
MAX. HOUR		102	108	106	108	97	124	114	94	95	97	105	100
MAX. DAY		100	106	104	103	95	101	96	90	86	91	101	99
MIN. DAY		86	93	97	89	86	79	76	73	70	60	70	86
MIN. HOUR		85	92	97	88	84	73	70	60	59	59	67	83
LICKING	4.5 (470.3)												
MAX. HOUR		86	99	107	114	112	135	101	89	98	118	95	97
MAX. DAY		84	98	102	112	99	117	91	84	94	110	92	96
MIN. DAY		77	92	84	89	80	66	55	63	70	77	74	55
MIN. HOUR		76	92	83	88	76	61	44	59	66	74	72	48
GREAT MIAMI	5.5 (491.1)												
MAX. HOUR		91	93	107	130	116	190	193	187	230	183	139	83
MAX. DAY		90	90	97	113	99	149	132	168	181	155	119	79
MIN. DAY		80	72	91	78	70	72	76	67	51	71	62	66
MIN. HOUR		79	70	88	75	63	58	54	57	46	67	60	60
WABASH	51.5 (848.0)												
MAX. HOUR		91	88	91	101	105	159	111	187	181	148	124	94
MAX. DAY		88	86	89	99	105	134	108	157	148	131	110	92
MIN. DAY		78	83	85	83	74	79	58	66	58	71	64	77
MIN. HOUR		78	83	78	81	70	73	54	63	54	69	61	75

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A24 SUMMARY OF 1979 DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
ALLEGHENY	13.3 (0.0)												
MAX. HOUR		101	128	154	114	112	118	121	103	106	121	108	108
MAX. DAY		100	120	151	109	108	111	114	98	103	119	106	107
MIN. DAY		92	88	95	94	95	100	88	67	81	88	73	91
MIN. HOUR		78	71	88	87	86	95	86	63	79	86	67	89
MONONGAHELA	4.5 (0.0)												
MAX. HOUR		101	117	121	111	116	116	100	100	110	104	109	108
MAX. DAY		99	113	117	108	111	109	91	93	93	101	101	104
MIN. DAY		72	74	86	89	85	68	63	64	74	84	95	94
MIN. HOUR		69	64	82	81	76	63	56	59	70	81	90	91
BEAVER	5.3 (25.4)												
MAX. HOUR		96	99	140	91	83	107	100	99	88	68	85	85
MAX. DAY		93	98	140	84	83	79	89	81	66	66	78	81
MIN. DAY		73	65	79	63	54	49	49	47	41	45	48	58
MIN. HOUR		71	61	78	61	50	45	46	38	39	43	46	54
KANAWHA	31.1 (265.7)												
MAX. HOUR		111	118	121	114	117	115	103	98	119	114	92	87
MAX. DAY		109	116	120	113	111	110	97	94	113	109	88	84
MIN. DAY		79	77	96	94	85	86	76	66	71	70	56	71
MIN. HOUR		67	75	95	91	84	83	73	60	65	61	55	70

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A24 SUMMARY OF 1979 DISSOLVED OXYGEN SATURATION LEVELS
OHIO RIVER TRIBUTARY ELECTRONIC MONITOR LOCATIONS

RESULTS IN PERCENT OF SATURATION

STATION	MILE POINT+	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
BIG SANDY	20.3 (317.1)												
MAX. HOUR		100	121	137	117	98	ND	96	107	95	99	107	104
MAX. DAY		99	107	125	114	96	ND	94	98	92	97	107	103
MIN. DAY		90	95	80	95	89	ND	74	66	66	65	82	81
MIN. HOUR		86	79	77	92	73	ND	70	61	59	65	79	78
LICKING	4.5 (470.3)												
MAX. HOUR		113	108	104	118	122	89	92	96	113	104	101	100
MAX. DAY		100	101	103	113	111	88	84	89	94	99	99	98
MIN. DAY		88	92	88	74	71	54	71	59	64	87	85	77
MIN. HOUR		88	91	86	69	67	51	62	56	59	80	83	73
GREAT MIAMI	5.5 (491.1)												
MAX. HOUR		ND	95	103	98	134	164	162	105	89	118	98	96
MAX. DAY		ND	89	98	91	121	123	141	96	80	100	92	94
MIN. DAY		ND	77	73	66	54	68	68	57	71	82	77	82
MIN. HOUR		ND	74	71	63	52	61	60	49	61	78	75	80
WABASH	51.5 (848.0)												
MAX. HOUR		107	100	114	93	110	133	104	81	122	119	106	95
MAX. DAY		100	100	113	92	90	123	90	79	112	107	97	94
MIN. DAY		83	76	78	73	65	62	49	39	74	89	62	73
MIN. HOUR		79	68	76	68	53	61	48	37	70	81	60	72

+ ( ) MILEPOINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A25 SUMMARY OF 1978 OHIO RIVER FLOW
MANUAL SAMPLING LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
PIKE ISLAND	84.2												
MAX. DAY		179.4	65.3	185.1	103.0	172.7	53.8	81.2	46.5	22.8	38.0	49.8	29.4
MO. AVE.		62.1	29.7	78.0	65.5	64.4	26.9	26.3	19.4	12.4	16.4	21.3	24.9
MIN. DAY		26.8	16.2	12.9	25.3	17.9	15.5	12.1	7.8	7.7	7.5	12.7	21.4
HANNIBAL	126.4												
MAX. DAY		178.2	66.5	188.9	111.1	178.5	56.6	87.6	47.2	22.2	40.5	49.3	32.5
MO. AVE.		63.5	30.9	80.0	67.7	65.8	27.7	27.1	19.9	12.7	16.7	21.7	26.8
MIN. DAY		28.0	16.7	13.2	25.8	18.7	15.6	12.3	8.0	7.8	7.6	12.9	22.6
WILLOW ISLAND	161.8												
MAX. DAY		185.9	67.9	199.9	118.3	192.2	60.1	90.7	46.9	22.6	42.9	53.1	32.3
MO. AVE.		66.9	31.3	86.4	69.7	68.8	29.6	28.3	20.0	12.7	17.2	22.6	27.0
MIN. DAY		28.8	17.3	14.7	26.9	19.3	16.1	12.6	8.0	7.9	7.6	13.2	23.1
BELLEVILLE	203.9												
MAX. DAY		268.0	99.1	270.5	158.7	212.1	91.9	110.4	66.6	40.1	54.5	80.6	45.5
MO. AVE.		93.0	42.7	122.0	100.7	91.5	44.5	37.2	27.6	17.3	21.8	29.2	37.2
MIN. DAY		40.3	20.3	21.2	46.3	29.8	19.7	15.0	9.3	9.3	9.6	14.4	30.9
KENOVA	315.8												
MAX. DAY		350.1	200.5	365.6	189.4	235.2	102.4	128.1	89.6	60.6	65.3	95.4	58.9
MO. AVE.		131.1	64.7	181.3	127.9	129.4	54.6	46.3	40.1	22.4	27.6	35.6	47.7
MIN. DAY		57.4	31.6	30.7	67.2	51.3	25.9	19.4	13.8	11.3	13.9	16.5	38.4

TABLE A25 SUMMARY OF 1978 OHIO RIVER FLOW
MANUAL SAMPLING LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
GREENUP	341.0												
MAX. DAY		428.4	226.0	382.9	232.2	248.1	102.6	131.0	92.8	72.3	66.0	97.6	63.8
MO. AVE.		147.8	72.6	200.1	137.5	144.7	57.2	48.5	43.0	24.8	29.1	38.6	51.4
MIN. DAY		60.2	38.4	38.5	72.1	60.6	28.0	21.3	16.1	12.0	15.1	18.1	40.9
MELDAHL	436.2												
MAX. DAY		420.9	275.9	430.6	268.8	244.2	111.6	141.1	98.2	80.1	80.9	103.3	79.0
MO. AVE.		159.5	82.6	231.5	157.4	160.4	62.9	52.8	47.0	27.7	32.2	43.8	62.5
MIN. DAY		65.2	41.6	41.7	77.5	76.0	34.9	22.3	16.2	13.5	14.8	18.0	49.0
UNIONTOWN	846.0												
MAX. DAY		462.3	500.0	593.1	429.8	344.6	130.3	142.3	121.2	160.6	92.6	192.3	169.6
MO. AVE.		212.3	182.3	343.4	228.2	265.2	83.5	72.6	73.6	49.0	42.2	78.8	140.3
MIN. DAY		112.2	70.1	84.8	116.8	141.2	51.6	37.1	29.2	22.1	20.7	34.9	112.3

+( ) MILE POINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A26 SUMMARY OF 1979 OHIO RIVER FLOW
MANUAL SAMPLING LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
PIKE ISLAND	84.2												
MAX. DAY		190.6	234.0	211.0	133.9	99.6	52.0	25.3	39.4	64.6	107.2	90.1	106.7
MO. AVE.		84.1	59.0	97.2	73.1	43.8	20.1	14.4	22.1	32.3	53.2	39.4	47.8
MIN. DAY		55.1	16.7	40.6	35.4	20.0	6.3	8.4	12.3	16.9	20.9	25.2	30.0
HANNIBAL	126.4												
MAX. DAY		198.2	240.2	205.5	140.9	101.0	52.7	27.4	41.7	63.6	107.5	98.1	113.4
MO. AVE.		87.3	61.2	99.4	76.1	45.4	20.8	14.6	22.5	32.7	54.1	40.6	49.2
MIN. DAY		57.4	17.1	43.2	38.3	21.2	5.0	8.8	12.8	17.4	20.0	25.3	31.0
WILLOW ISLAND	161.8												
MAX. DAY		196.3	263.2	210.0	147.7	111.1	53.3	27.4	45.4	70.1	112.4	100.4	117.9
MO. AVE.		93.4	66.4	102.0	79.9	48.1	21.2	15.2	24.0	33.8	56.2	42.4	51.5
MIN. DAY		60.3	18.7	45.0	40.3	21.9	5.9	9.0	13.0	17.8	21.3	26.1	32.2
BELLEVILLE	203.9												
MAX. DAY		267.6	373.3	262.8	190.7	143.4	78.0	52.7	91.7	112.0	149.7	135.1	149.6
MO. AVE.		129.1	93.4	139.7	111.0	66.1	34.1	23.7	44.2	56.1	76.1	58.0	70.1
MIN. DAY		81.7	24.4	67.4	56.5	29.5	13.6	13.2	18.8	23.0	27.7	33.1	43.0
KENOVA	315.8												
MAX. DAY		321.0	459.6	429.3	237.8	195.0	119.0	95.2	154.9	184.5	212.7	221.2	205.5
MO. AVE.		197.1	124.7	209.0	147.5	98.1	61.7	43.2	62.4	81.8	107.9	95.5	97.2
MIN. DAY		116.9	36.3	92.8	73.7	43.5	24.9	23.7	23.2	30.3	41.7	47.3	53.7

TABLE A26 SUMMARY OF 1979 OHIO RIVER FLOW
MANUAL SAMPLING LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
GREENUP	341.0												
MAX. DAY		357.0	481.3	454.0	255.9	235.9	143.9	118.0	162.5	202.5	225.8	232.4	214.4
MO. AVE.		223.9	142.4	225.7	163.0	109.6	74.4	50.8	68.0	86.6	113.2	103.6	106.9
MIN. DAY		128.8	41.4	99.0	76.0	47.6	31.0	30.7	25.6	33.5	44.2	48.8	58.3
MELDAHL	436.2												
MAX. DAY		359.9	494.0	515.1	269.1	240.0	150.0	143.7	188.2	234.8	238.4	250.9	225.4
MO. AVE.		234.2	145.1	259.3	183.6	117.6	86.5	59.0	83.1	110.5	124.6	113.9	121.0
MIN. DAY		146.3	40.2	111.8	82.4	52.3	34.7	31.8	31.2	35.4	47.7	53.9	67.1
UNIONTOWN	846.0												
MAX. DAY		497.8	541.8	669.4	492.5	240.5	253.9	275.6	254.0	441.2	303.1	369.4	376.1
MO. AVE.		385.1	220.0	426.0	363.8	151.2	144.9	104.7	136.1	215.7	194.6	192.9	239.6
MIN. DAY		236.1	82.7	209.7	152.7	71.4	57.2	46.0	48.9	55.4	70.1	73.5	110.4

+( ) MILE POINT WHERE TRIBUTARY ENTERS OHIO RIVER

TABLE A27 SUMMARY OF 1978 FLOW

OHIO RIVER TRIBUTARY MANUAL SAMPLING LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MUSKINGUM RIVER	5.8												
MAX. DAY		20.9	14.0	40.6	31.6	20.6	18.5	9.9	9.9	10.6	8.7	5.6	5.5
MO. AVE.		11.5	8.2	20.3	21.4	14.0	10.2	4.8	4.1	3.3	3.7	3.6	5.1
MIN. DAY		5.9	4.0	3.5	9.4	7.8	5.3	2.3	1.8	1.5	1.6	2.3	4.8
SCIOTO RIVER	15.0												
MAX. DAY		25.6	10.5	57.1	22.6	18.6	7.8	5.2	5.6	6.0	11.1	8.4	4.4
MO. AVE.		7.5	4.1	25.2	12.2	9.3	4.0	2.0	2.0	1.6	2.5	2.9	3.9
MIN. DAY		2.5	1.8	1.7	4.3	4.4	2.1	1.0	1.0	0.7	0.7	1.3	3.3
LITTLE MIAMI R.	7.5												
MAX. DAY		8.7	1.2	23.8	4.7	8.2	1.7	6.0	8.4	3.7	7.9	1.8	0.9
MO. AVE.		1.5	0.7	4.7	1.6	2.4	0.7	0.8	0.9	1.0	1.2	0.7	0.9
MIN. DAY		0.3	0.3	0.3	0.6	0.6	0.3	0.1	0.1	0.2	0.2	0.2	0.8
GREEN RIVER	41.3												
MAX. DAY		42.1	40.1	42.5	11.6	38.6	9.4	19.4	10.2	7.4	7.1	28.9	22.4
MO. AVE.		27.8	23.2	27.6	6.1	20.1	5.8	5.5	4.8	3.7	2.7	11.6	17.8
MIN. DAY		19.1	12.5	13.8	4.1	4.7	1.7	1.6	1.5	2.2	1.0	7.6	14.5

TABLE A24 SUMMARY OF 1979 FLOW

OHIO RIVER TRIBUTARY MANUAL SAMPLING LOCATIONS

RESULTS IN THOUSAND CUBIC FEET PER SECOND

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MUSKINGUM RIVER	5.8 EN												
MAX. DAY		37.9	51.2	35.2	29.7	20.3	16.1	16.1	32.3	28.4	25.2	21.2	20.0
MO. AVE.		17.7	11.7	26.9	21.3	8.8	9.1	6.3	13.0	17.0	12.2	9.5	11.2
MIN. DAY		8.9	4.5	11.3	10.1	4.7	4.0	2.7	4.1	4.9	4.7	5.0	6.3
SCIOTO RIVER	15.0 EN												
MAX. DAY		34.2	83.0	42.0	31.7	9.2	11.6	17.2	26.9	44.4	19.0	29.3	23.3
MO. AVE.		10.9	14.1	19.2	15.2	4.6	5.4	4.0	9.5	17.5	7.2	9.6	9.4
MIN. DAY		4.6	2.1	3.9	4.2	1.7	2.0	1.3	2.6	2.2	3.0	3.4	3.5
LITTLE MIAMI R.	7.5 EN												
MAX. DAY		19.7	23.2	9.5	15.9	31.7	2.5	2.4	8.9	47.7	7.0	14.2	13.6
MO. AVE.		4.5	4.2	4.1	4.2	2.1	1.2	1.1	3.9	6.0	1.9	2.9	3.0
MIN. DAY		1.0	0.6	0.6	0.6	0.3	0.3	0.3	0.9	0.5	0.6	0.1	0.9
GREEN RIVER	41.3 EN												
MAX. DAY		49.8	53.7	58.8	68.7	31.5	25.1	17.8	18.3	57.8	50.6	52.2	53.9
MO. AVE.		42.5	32.2	35.3	50.5	15.9	10.3	7.6	8.0	28.4	24.4	26.3	38.0
MIN. DAY		35.3	22.8	17.0	20.6	9.5	3.2	3.2	1.9	4.3	8.3	8.3	16.1

TABLE A29 SUMMARY OF 1978 TEMPERATURE AT MANUAL LOCATIONS
OHIO RIVER MAIN STEM

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT		JAN. (50)	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (87)	JULY (89)	AUG. (89)	SEP. (87)	OCT. (78)	NOV. (70)	DEC. (57)
PIKE ISLAND	84.2													
		MAX	32.0	33.8	41.9	51.8	60.8	76.1	81.5	79.7	84.2*	74.3	56.3*	45.5
		MIN	32.0	33.8	37.4	47.3	57.2	72.5	73.4	78.8		56.3		41.0
		AVG	32.0	33.8	39.2	50.0	59.0	74.3	77.0	79.4		65.3		43.2
HANNIBAL	126.4													
		MAX	32.9	32.9	43.7	50.9	62.6	78.0	79.7	82.4	76.1*	73.4	55.4*	40.1*
		MIN	32.0	32.0	35.6	50.9	53.6	70.7	75.2	79.7		60.8		
		AVG	32.2	32.4	39.6	50.9	59.2	73.7	78.2	81.2		67.1		
WILLOW ISLAND	161.0													
		MAX	32.0	32.9	42.8	51.8	60.8	80.6	78.8	81.5	79.7*	72.5	54.5*	42.8*
		MIN	32.0	32.0	33.8	50.0	58.1	70.7	75.2	79.7		60.8		
		AVG	32.0	32.4	38.5	50.9	59.3	75.2	77.0	80.6		66.6		
BELLEVILLE	203.9													
		MAX	32.9	32.9	42.8	52.7	63.5	80.9	79.7	81.5	78.8*	72.5*	54.5*	42.8*
		MIN	32.0	32.0	33.8	51.8	54.5	71.6	77.0	78.8				
		AVG	32.2	32.4	38.1	52.2	58.8	74.7	78.8	80.0				
KENOVA	315.8													
		MAX	34.1*	33.8	42.4	55.4	62.9	78.6	78.4	79.7	80.2*	66.2*	57.2*	49.1*
		MIN		32.3	41.0	48.2	58.6	71.6	76.2	78.8				
		AVG		33.0	41.7	52.3	60.9	74.8	77.5	79.2				
GREENUP	341.0													
		MAX	35.2	32.9	46.4	56.3	69.4	80.2	79.7	78.8	78.8*	73.4*	57.2*	49.1*
		MIN	32.5	32.1	43.1	48.7	57.5	76.6	78.0	77.0				
		AVG	33.8	32.5	44.7	53.5	62.3	78.4	79.1	77.9				
MELDAHL	436.2													
		MAX	32.3*	32.3	43.1*	56.6	66.2	79.7	80.6	81.6	78.2*	74.3*	58.1*	43.7*
		MIN		32.0		52.1	54.1	75.7	78.8	80.6				
		AVG		32.1		54.3	59.8	77.7	79.7	80.9				
MARKLAND	531.5													
		MAX	32.9	33.4	41.7*	54.5	58.1	79.7	81.5	78.8	76.1*	60.8*	52.7*	48.5*
		MIN	32.0	32.3		50.9	56.3	70.7	78.8	77.9				
		AVG	32.4	32.9		53.0	57.2	75.2	79.7	78.5				
UNIONTOWN	846.0													
		MAX	35.6*	33.8	50.0	60.9	71.2	84.2	82.4	84.2	80.9	60.2*	59.1*	46.7*
		MIN		32.9	36.5	58.8	59.9	77.9	80.6	78.6	73.7			
		AVG		33.3	45.2	59.8	64.5	80.8	81.3	80.9	78.4			

( ) MAXIMUM ALLOWABLE TEMPERATURE FOR MONTH
* SINGLE VALUE FOR THE MONTH

TABLE A30 SUMMARY OF 1979 TEMPERATURE AT MANUAL LOCATIONS
OHIO RIVER MAIN STEM

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT	JAN. (50)	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (87)	JULY (89)	AUG. (89)	SEP. (87)	OCT. (78)	NOV. (70)	DEC. (57)
PIKE ISLAND	84.2												
MAX		39.2	35.6	41.0	50.0	62.6	76.1	78.8	81.5	77.9	66.2	58.1	44.6
MIN		32.0	32.0	40.1	50.0	57.2	60.8	75.2	76.1	68.9	51.8	50.0	41.0
AVG		34.7	33.8	40.4	50.0	60.5	70.7	76.4	78.2	74.6	59.0	53.0	42.2
HANNIBAL	126.4												
MAX		34.7	32.0	41.9	51.8	70.7	77.0	79.7	82.4	77.9	67.1	57.2	44.6
MIN		32.0	32.0	40.1	47.3	58.1	62.6	75.2	76.1	68.0	50.9	50.9	40.1
AVG		33.2	32.0	40.7	49.4	65.0	71.6	76.7	78.5	72.9	59.0	53.0	42.2
WILLOW ISLAND	161.8												
MAX		36.1	33.4*	46.9	55.4	70.7	71.6	82.5	80.6	77.0	55.4	53.6	44.2
MIN		32.9		41.3	50.0	51.8	67.1	74.3	74.6	68.0	52.7	49.1	41.0
AVG		34.7		43.2	52.7	59.9	69.3	78.6	76.8	72.5	54.5	50.9	42.6
BELLEVILLE	203.9												
MAX		32.5*	33.8*	43.1*	50.9*	50.0*	67.1*	73.4*	81.5*	78.8*	55.4*	53.6*	44.4*
MIN													
AVG													
KENOVA	315.8												
MAX		37.4*	38.3*		51.8*	50.0*	63.5*	75.2*	78.8*		61.7*	55.4*	43.3*
MIN													
AVG													
GREENUP	341.0												
MAX		35.6*	34.7*	41.9*	48.2*	51.8*	66.2*	75.7*	77.9*	75.2*	61.3*	55.0*	43.7*
MIN													
AVG													
MELDAHL	436.2												
MAX		36.5*	32.0*	46.4*	50.0*	65.3*	73.4*	76.1*	71.6*	76.1*	62.9*	51.8*	45.5*
MIN													
AVG													
MARKLAND	531.5												
MAX		33.4*	32.3*	44.4*	54.8*	60.4*	72.5*	77.9	80.2	77.3	62.6	51.6*	46.4*
MIN								77.0	78.9	66.2	57.2		
AVG								77.4	79.5	72.3	59.9		
UNIONTOWN	846.0												
MAX		36.8*	33.6*	46.9*	51.9*	63.1*	74.6*	77.0*	83.4*	71.6*	59.0*	52.7*	46.7*
MIN													
AVG													

( ) MAXIMUM ALLOWABLE TEMPERATURE FOR MONTH
* SINGLE VALUE FOR THE MONTH

TABLE A31 SUMMARY OF 1978 TEMPERATURE AT MANUAL LOCATIONS
OHIO RIVER TRIBUTARIES

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT	JAN. (50)	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (90)	JULY (90)	AUG. (90)	SEP. (90)	OCT. (78)	NOV. (70)	DEC. (57)
MUSKINGUM RIVER	5.8												
ENTERS OHIO AT	172.2												
MAX		34.7	32.9	42.8	54.5	65.3	76.1	86.0	85.1	76.1*	70.8	54.5*	37.9*
MIN		32.0	32.9	33.8	53.6	56.3	69.8	76.1	77.0		56.3		
AVG		32.7	32.9	38.1	54.0	59.4	72.5	80.3	80.3		63.5		
SCIOTO RIVER	15.0												
ENTERS OHIO AT	356.5												
MAX				43.5	56.8	72.8	79.1	75.2	76.1	77.9*	66.2*	53.6*	38.8*
MIN				38.3	53.6	57.2	71.2	72.1	73.4				
AVG				40.9	54.8	62.5	75.2	73.6	74.5				
LITTLE MIAMI R.	7.5												
ENTERS OHIO AT	464.1												
MAX		32.0*		43.7*	64.4	62.6	77.1	80.2	77.5	70.3*	63.5*	53.6*	44.6*
MIN					54.5	55.4	77.0	73.4	76.1				
AVG					59.4	59.9	77.0	77.5	76.9				
GREEN RIVER	41.3												
ENTERS OHIO AT	784.7												
MAX		36.5*	34.7	48.9*	62.7	65.8	76.2	86.0	82.0	78.9	63.6*	65.1*	48.0*
MIN			33.8		59.7	60.0	71.6	78.8	79.7	77.9			
AVG			34.2		61.2	62.7	73.7	81.5	80.9	78.4			
CUMBERLAND RIVER	30.6												
ENTERS OHIO AT	920.4												
MAX		35.6*	41.0	53.6	62.7	70.8	80.6	84.2	84.7	80.0	71.0*	62.6*	47.8*
MIN			35.6	41.9	57.2	58.2	75.2	83.3	82.7	78.6			
AVG			37.4	47.7	59.9	64.2	77.6	83.7	83.4	79.3			
TENNESSEE RIVER	6.0												
ENTERS OHIO AT	934.5												
MAX			39.2	50.5*	63.6	72.5	82.5	84.2	84.9	79.7	71.4*	66.3*	46.7*
MIN			34.1		57.2	58.2	73.5	82.5	82.5	77.1			
AVG			36.3		59.8	64.8	77.2	83.5	83.4	78.4			

( ) MAXIMUM ALLOWABLE TEMPERATURE FOR MONTH
* SINGLE VALUE FOR THE MONTH

TABLE A32 SUMMARY OF 1979 TEMPERATURE AT MANUAL LOCATIONS
OHIO RIVER TRIBUTARIES

RESULTS IN DEGREES FAHRENHEIT

STATION	MILE POINT	JAN. (50)	FEB. (50)	MAR. (60)	APR. (70)	MAY (80)	JUNE (90)	JULY (90)	AUG. (90)	SEP. (90)	OCT. (78)	NOV. (70)	DEC. (57)
MUSKINGUM RIVER ENTERS OHIO AT	5.8 172.2												
MAX		35.0	34.3*	48.9	51.8	71.6	72.1	82.2	77.0	74.3	56.3	51.8	42.9
MIN		32.9		41.9	49.1	50.0	69.8	70.7	70.3	64.4	53.6	49.1	39.3
AVG		34.2		45.0	50.4	63.8	70.9	77.5	72.7	69.3	55.0	50.0	41.1
SCIOTO RIVER ENTERS OHIO AT	15.0 356.5												
MAX		33.8*	34.3*	42.0*	46.4*	57.2*	71.2*	74.3*	78.8*	68.0*	66.2*	52.7*	39.2*
MIN													
AVG													
LITTLE MIAMI R. ENTERS OHIO AT	7.5 464.1												
MAX		32.1*	32.0*	41.0*	43.7*	71.6*	72.5*	71.6*	71.6*	72.5*	53.6*	44.6*	41.0*
MIN													
AVG													
GREEN RIVER ENTERS OHIO AT	41.3 784.7												
MAX		36.8*	35.4*	46.7*	55.0*	62.6*	71.9*	77.5*	80.9*	76.8*	60.4*	52.5*	44.2*
MIN													
AVG													
CUMBERLAND RIVER ENTERS OHIO AT	30.6 920.4												
MAX		40.4*	37.0*	48.0*	57.3*	67.1*	73.9*	79.5*	84.9*	79.1*	70.8*	56.6*	46.5*
MIN													
AVG													
TENNESSEE RIVER ENTERS OHIO AT	6.0 934.5												
MAX		39.3*	35.9*	48.2*	55.4*	68.9*	74.8*	78.9*	83.8*	79.7*	68.7*	59.3*	47.3*
MIN													
AVG													

( ) MAXIMUM ALLOWABLE TEMPERATURE FOR MONTH
* SINGLE VALUE FOR THE MONTH

TABLE A33 SUMMARY OF SPECIFIC NDUCTANCE AT MANUAL LOCATIONS
OHIO RIVER MAIN STEM 1978

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
PIKE ISLAND	84.2												
	MAX	360	420	470	330	380	455	420	480	500*	535	450*	290
	MIN	295	390	255	250	235	410	355	420		385		260
	AVG	318	405	365	280	320	437	385	455		460		275
TWWNIBAL	126.4												
	MAX	325	410	490	265	430	460	425	510	490*	595	495*	250*
	MIN	255	300	260	250	250	345	295	450		570		
	AVG	298	355	369	268	340	403	370	482		583		
WILLOW ISLAND	161.8												
	MAX	280	390	470	260	360	475	395	460	495*	565	450*	240*
	MIN	200	220	255	250	250	310	335	440		550		
	AVG	250	305	359	255	332	395	367	450		558		
BELLEVILLE	203.9												
	MAX	390	390	485	340	405	490	470	505	490*	545*	510*	280*
	MIN	295	305	290	320	220	380	340	460				
	AVG	333	348	383	330	355	438	417	487				
KENOVA	315.8												
	MAX	320*	390	333	310	345	465	395	360	405*	450*	455*	310*
	MIN		300	250	265	270	320	320	300				
	AVG		345	292	283	315	382	348	330				
GREENUP	341.0												
	MAX	300	365	250	300	320	455	415	320	480*	410*	500*	295*
	MIN	290	283	220	265	250	400	320	320				
	AVG	295	324	235	277	287	428	357	320				
MELDAHL	436.2												
	MAX	320*	400	260*	320	320	398	420	370	390*	460*	500*	280*
	MIN		270		270	225	335	400	320				
	AVG		335		295	277	367	407	343				
MARKLAND	531.5												
	MAX	345	440	300*	360	310	420	465	400	380*	500*	500*	390*
	MIN	330	315		293	280	320	420	380				
	AVG	338	358		324	295	357	437	393				
UNIONTOWN	846.0												
	MAX	325*	320*	390	355	330	365	480	400	420	465*	505*	320*
	MIN			260	340	280	330	420	380	395			
	AVG			323	348	307	350	447	393	408			

* SINGLE VALUE FOR THE MONTH

TABLE A34 SUMMARY OF SPECIFIC CONDUCTANCE AT MANUAL LOCATIONS
OHIO RIVER MAIN STEM 1979

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
PIKE ISLAND	84.2													
		MAX	360	350	290	265	390	430	580	560	400	360	365	320
		MIN	260	220	190	240	340	340	380	440	260	250	340	275
		AVG	300	270	237	253	368	397	493	498	333	305	355	302
HANNIBAL	126.4													
		MAX	360	400	300	270	370	505	610	560	445	360	400	340
		MIN	255	355	235	260	365	340	480	475	320	260	365	260
		AVG	320	378	272	263	368	433	547	515	383	310	380	307
WILLOW ISLAND	161.8													
		MAX	310	390*	290	320	400	375	580	580	390	310	380	330
		MIN	270		235	280	250	335	450	420	320	275	320	300
		AVG	293		258	300	317	355	529	483	355	298	347	315
BELLEVILLE	203.9													
		MAX	250*	415*	275*	300*	310*	395*	520*	460*	435*	380*	380*	365*
		MIN												
		AVG												
KENOVA	315.8													
		MAX	180*	320*		300*	250*	350*	365*	410*		375*	310*	320*
		MIN												
		AVG												
GREENUP	341.0													
		MAX	190*	340*	260*	300*	310*	300*	400*	400*	335*	340*	310*	310*
		MIN												
		AVG												
MELDAHL	436.2													
		MAX	255*	300*	260*		280*	300*	380*	365*	300*	300*	275*	310*
		MIN												
		AVG												
MARKLAND	531.5													
		MAX	280*	360*	290*	295*	340*	320*	395	425	345	330	345*	340*
		MIN							315	415	275	275		
		AVG							355	420	322	303		
UNIONTOWN	846.0													
		MAX	280*	250*		270*	345*	365*	270*	365*	350*	355*	350*	375*
		MIN												
		AVG												

* SINGLE VALUE FOR THE MONTH

TABLE A35 SUMMARY OF SPECIFIC CONDUCTANCE AT MANUAL LOCATIONS
OHIO RIVER TRIBUTARIES 1978

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MUSKINGUM RIVER	5.8												
ENTERS OHIO AT	172.2												
MAX		510	755	805	525	615	610	750	800	565*	730	840*	375*
MIN		395	530	290	450	340	375	620	655		700		
AVG		471	643	519	488	496	530	692	748		715		
SCIOTO RIVER	15.0												
ENTERS OHIO AT	356.5												
MAX				325	590	560	680	700	675	640*	460*	550*	280*
MIN				315	440	345	600	555	485				
AVG				320	502	450	635	628	572				
LITTLE MIAMI R.	7.5												
ENTERS OHIO AT	464.1												
MAX		645*		450*	645	600	620	700	675	455*	585*	600*	400*
MIN					400	405	560	620	410				
AVG					523	522	590	648	508				
GREEN RIVER	41.3												
ENTERS OHIO AT	784.7												
MAX		200*	250	240*	440	420	325	465	360	350	380*	280*	175*
MIN			230		390	260	295	260	280	325			
AVG			240		415	327	310	362	318	338			
CUMBERLAND RIVER	30.6												
ENTERS OHIO AT	920.4												
MAX		180*	220	230	260	230	220	200	200	190	195*	205*	180*
MIN			200	220	240	220	185	175	180	180			
AVG			213	225	250	227	205	185	190	185			
TENNESSEE RIVER	6.0												
ENTERS OHIO AT	934.5												
MAX			180	160*	180	175	255	170	180	185	200*	205*	165*
MIN			170		170	160	155	145	175	180			
AVG			175		177	165	188	158	178	183			

* SINGLE VALUE FOR THE MONTH

TABLE A36 SUMMARY OF SPECIFIC CONDUCTANCE AT MANUAL LOCATIONS
OHIO RIVER TRIBUTARILS 1979

RESULTS IN MICROMHOS PER CENTIMETER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MUSKINGUM RIVER	5.8												
ENTERS OHIO AT	172.2												
MAX		590	700*	440	220	400	600	650	500	650	660	670	650
MIN		415		350	200	280	530	600	400	480	280	490	600
AVG		485		397	210	333	565	633	453	565	450	590	625
SCIOTO RIVER	15.0												
ENTERS OHIO AT	356.5												
MAX		525*	660*	360*	580*	540*	615*	690*	475*	600*	510*	640*	480*
MIN													
AVG													
LITTLE MIAMI R.	7.5												
ENTERS OHIO AT	464.1												
MAX		390*	380*	380*			650*		470*		620*	570*	340*
MIN													
AVG													
GREEN RIVER	41.3												
ENTERS OHIO AT	784.7												
MAX		240*	235*	260*	200*	245*	315*	320*	280*	250*	245*	320*	260*
MIN													
AVG													
CUMBERLAND RIVER	30.6												
ENTERS OHIO AT	920.4												
MAX		220*	190*	205*	155*	165*	195*	170*	190*	180*	175*	210*	245*
MIN													
AVG													
TENNESSEE RIVER	6.0												
ENTERS OHIO AT	934.5												
MAX		185*	120*	150*	145*	130*	145*	155*	160*	180*	155*	195*	160*
MIN													
AVG													

* SINGLE VALUE FOR THE MONTH

TABLE A37 SUMMARY OF 1978 PH D[illegible] AT MANUAL LOCATIONS
OHIO RIVER MAIN STEM

RESULTS IN STANDARD UNITS

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
PIKE ISLAND	84.2												
	MAX	7.2	7.1	7.1	7.1	7.9	7.0	7.1	7.1	7.0*	7.1	7.0*	7.1
	MIN	7.0	7.0	7.0	7.0	7.2	7.0	7.0	7.0		7.0		7.0
	AVG	7.1	7.0	7.1	7.0	7.5	7.0	7.0	7.0		7.0		7.0
HANNIBAL	126.4												
	MAX	7.1	7.0	7.1	7.3	7.5	7.0	7.1	7.1	6.8*	7.1	7.0*	7.0*
	MIN	7.0	7.0	7.0	7.0	7.0	6.9	7.0	7.0		7.0		
	AVG	7.1	7.0	7.0	7.1	7.2	7.0	7.1	7.0		7.0		
WILLOW ISLAND	161.8												
	MAX	7.1	7.0	7.2	7.2	7.4	7.1	7.1	7.1	6.9*	7.1	7.0*	
	MIN	7.0	7.0	7.0	7.0	7.1	7.0	7.0	7.0		7.0		
	AVG	7.1	7.0	7.1	7.1	7.3	7.1	7.1	7.0		7.0		
BELLEVILLE	203.9												
	MAX	7.1	7.1	7.1	7.0	7.8	7.2	7.0	7.0	6.9*	7.1*	7.0*	
	MIN	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0				
	AVG	7.1	7.0	7.0	7.0	7.4	7.1	7.0	7.0				
KENOVA	315.8												
	MAX	7.4*	7.3	7.3	7.4	7.3	7.2	7.2	7.2	7.3*	7.3*	7.2*	7.1*
	MIN		7.1	7.2	7.2	7.2	7.1	7.2	7.2				
	AVG		7.2	7.2	7.3	7.3	7.2	7.2	7.2				
GREENUP	341.0												
	MAX	7.6	7.3	7.3	7.4	7.3	7.3	7.2	7.3	7.2*	7.3*	7.2*	7.1*
	MIN	7.1	7.1	7.2	7.3	7.2	7.2	7.1	7.2				
	AVG	7.3	7.2	7.2	7.3	7.2	7.2	7.1	7.2				
MELDAHL	436.2												
	MAX	7.4*	7.2	7.3*	7.3	7.3	7.3	7.4	7.2	7.3*	7.3*	7.4*	7.1*
	MIN		7.2		7.3	7.3	7.1	7.0	7.0				
	AVG		7.2		7.3	7.3	7.2	7.2	7.1				
MARKLAND	531.5												
	MAX	7.7	7.5	7.3*	7.3	7.4	7.4	7.5	7.4	7.2*	7.0*	7.1*	7.7*
	MIN	7.6	7.3		7.2	7.2	7.3	7.2	7.1				
	AVG	7.6	7.4		7.3	7.3	7.3	7.4	7.2				
UNIONTOWN	846.0												
	MAX	7.3*	7.6	7.6	7.7	7.8	8.3	8.4	8.3	8.6	8.0*	7.8*	7.5*
	MIN		7.4	7.4	7.7	7.7	8.0	8.1	8.0	8.2			
	AVG		7.5	7.5	7.7	7.7	8.2	8.3	8.2	8.4			

* SINGLE VALUE FOR THE MONTH

TABLE A38 SUMMARY OF 1979 PH DATA AT MANUAL LOCATIONS
OHIO RIVER MAIN STEM

RESULTS IN STANDARD UNITS

STATION	MILE POINT		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
PIKE ISLAND	84.2													
		MAX	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.1
		MIN	7.0	6.9	6.9	7.0	7.0	7.0	7.0	6.9	6.9	6.9	6.6	6.9
		AVG	7.0	7.0	6.9	7.0	7.0	7.0	7.0	7.0	6.9	6.9	6.8	7.0
HANNIBAL	126.4													
		MAX	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.2	7.1
		MIN	7.0	7.0	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	6.7	7.0
		AVG	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.9	7.1
WILLOW ISLAND	161.8													
		MAX	7.1	7.2*	7.0	7.1	7.2	7.1	7.1	7.1	7.0	7.0	7.1	7.1
		MIN	7.0		7.0	7.0	7.1	7.1	7.0	7.0	7.0	6.9	7.0	7.0
		AVG	7.0		7.0	7.0	7.1	7.1	7.0	7.0	7.0	7.0	7.0	7.0
BELLEVILLE	203.9													
		MAX	7.0*	7.1*	7.0*	7.1*	7.2*	7.1*	7.2*	7.1*	7.0*	7.0*	7.2*	7.1*
		MIN												
		AVG												
KENOVA	315.8													
		MAX	6.8*	7.2*		7.2*	7.2*	7.3*	7.4*	7.2*		7.3*	7.3*	7.2*
		MIN												
		AVG												
GREENUP	341.0													
		MAX	7.1*	7.3*	7.0*	7.3*	7.2*	7.3*	7.2*	7.2*	7.1*	7.3*	7.2*	7.2*
		MIN												
		AVG												
MELDAHL	436.2													
		MAX	7.4*	7.3*	6.8*	7.2*	7.3*	7.1*	7.3*	7.4*	7.3*	7.3*	7.3*	7.4*
		MIN												
		AVG												
MARKLAND	531.5													
		MAX	7.9*	7.3*	7.8*	7.3*	7.2*	7.2*	7.2	7.3	7.1	7.1	7.2*	7.3*
		MIN							7.1	7.2	7.1	7.1		
		AVG							7.1	7.2	7.1	7.1		
UNIONTOWN	846.0													
		MAX	7.7*	7.7*	7.5*	7.7*	7.8*	7.7*	7.2*	7.6*	7.5*	7.9*	7.8*	7.5*
		MIN												
		AVG												

* SINGLE VALUE FOR THE MONTH

TABLE A39 SUMMARY OF 1978 PH DATA AT MANUAL LOCATIONS
OHIO RIVER TRIBUTARIES

RESULTS IN STANDARD UNITS

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MUSKINGUM RIVER	5.8												
ENTERS OHIO AT	172.2												
MAX		7.3	7.2	7.3	7.8	8.0	7.1	7.1	7.0	6.9*	7.1	7.1*	
MIN		7.2	7.1	6.9	7.2	7.3	7.0	7.0	7.0		7.1		
AVG		7.3	7.1	7.1	7.5	7.6	7.1	7.1	7.0		7.1		
SCIOTO RIVER	15.0												
ENTERS OHIO AT	356.5												
MAX				7.7	7.4	7.3	7.3	7.2	7.0	7.0*	7.0*	6.9*	6.9*
MIN				7.4	7.2	7.1	7.0	7.0	6.9				
AVG				7.5	7.3	7.2	7.1	7.1	7.0				
LITTLE MIAMI R.	7.5												
ENTERS OHIO AT	464.1												
MAX		7.6*			7.4	7.4	7.8	8.2	7.0	7.0*	7.2*	7.1*	7.2*
MIN					7.3	7.4	7.2	7.1	7.0				
AVG					7.3	7.4	7.5	7.6	7.0				
GREEN RIVER	41.3												
ENTERS OHIO AT	784.7												
MAX		7.6*	7.8	7.2*	7.6	7.7	8.0	7.8	7.9	8.2	7.9*	8.0*	7.9*
MIN			6.8		7.4	7.3	7.8	7.7	7.8	8.0			
AVG			7.3		7.5	7.5	7.9	7.8	7.9	8.1			
CUMBERLAND RIVER	30.6												
ENTERS OHIO AT	920.4												
MAX		7.4*	7.8	8.3	8.5	7.8	8.7	8.9	8.6	8.1	8.2*	8.0*	7.7*
MIN			6.9	7.3	7.8	7.6	8.2	8.4	8.3	8.1			
AVG			7.4	7.8	8.1	7.7	8.4	8.6	8.5	8.1			
TENNESSEE RIVER	6.0												
ENTERS OHIO AT	934.5												
MAX			7.6	7.2*	8.4	7.7	8.5	8.3	8.3	8.1	8.0*	8.1*	7.7*
MIN			7.2		7.4	7.5	7.9	8.0	8.0	7.9			
AVG			7.4		7.9	7.6	8.2	8.1	8.1	8.0			

* SINGLE VALUE FOR THE MONTH

TABLE A40 SUMMARY OF 1979 PH DATA AT MANUAL LOCATIONS
OHIO RIVER TRIBUTARIES

RESULTS IN STANDARD UNITS

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MUSKINGUM RIVER	5.8												
ENTERS OHIO AT	172.2												
MAX		7.2	7.0*	7.0	7.1	7.2	7.0	7.0	7.1	7.1	7.0	7.0	7.0
MIN		7.0		7.0	7.0	7.0	7.0	6.9	7.0	6.9	6.9	6.8	6.9
AVG		7.1		7.0	7.0	7.1	7.0	7.0	7.0	7.0	6.9	6.9	6.9
SCIOTO RIVER	15.0												
ENTERS OHIO AT	356.5												
MAX		7.4*	7.4*	6.9*	7.0*	7.1*	7.0*		6.9*	6.9*	6.9*	6.9*	7.0*
MIN													
AVG													
LITTLE MIAMI R.	7.5												
ENTERS OHIO AT	464.1												
MAX		7.7*	7.7*	6.3*	6.6*	7.8*	6.5*	7.8*	7.5*	7.8*	8.0*	7.8*	7.8*
MIN													
AVG													
GREEN RIVER	41.3												
ENTERS OHIO AT	784.7												
MAX		7.8*	7.6*	7.6*	7.8*	7.4*	7.8*	8.0*	7.5*	7.4*	7.5*	7.8*	6.7*
MIN													
AVG													
CUMBERLAND RIVER	30.6												
ENTERS OHIO AT	920.4												
MAX		8.1*	7.6*	7.9*	7.8*	7.7*	8.4*	8.2*	8.5*	8.4*	7.5*	8.1*	8.1*
MIN													
AVG													
TENNESSEE RIVER	6.0												
ENTERS OHIO AT	934.5												
MAX		8.0*	7.4*	7.6*	7.6*	7.7*	8.3*	7.8*	8.4*	7.8*	7.7*	7.4*	7.6*
MIN													
AVG													

* SINGLE VALUE FOR THE MONTH

TABLE A41 SUMMARY OF DISSOLVED OXYGEN AT MANUAL LOCATIONS
OHIO RIVER MAIN STEM 1978

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
PIKE ISLAND	84.2													
		MAX	14.7	14.0	15.1	11.7	10.8	8.6	8.4	7.4	7.1*	8.6	10.6*	11.1
		MIN	14.2	13.2	13.2	11.1	9.8	7.2	6.2	7.4		7.3		10.8
		AVG	14.5	13.6	14.0	11.3	10.3	7.9	7.3	7.4		7.9		10.9
HANNIBAL	126.4													
		MAX	14.4	15.5	14.2	11.6	12.6	9.3	8.5	7.0	7.1*	8.6	8.8*	11.2*
		MIN	13.2	14.3	11.8	11.2	9.6	7.7	6.3	6.4		6.6		
		AVG	13.8	14.9	12.9	11.4	10.9	8.4	7.5	6.7		7.6		
WILLOW ISLAND	161.8													
		MAX	14.9	14.3	14.9	11.6	10.6	9.5	8.6	7.5	6.6*	8.5	11.0*	12.3*
		MIN	13.7	13.4	13.2	11.2	9.6	7.5	7.5	6.7		6.8		
		AVG	14.5	13.8	14.0	11.4	10.1	8.4	8.1	7.1		7.6		
BELLEVILLE	203.9													
		MAX	14.3	14.2	14.5	11.0	11.6	8.1	8.3	6.8	6.3*	6.3*	8.5*	12.0*
		MIN	13.1	13.6	12.6	10.7	9.5	7.4	7.1	6.1				
		AVG	13.6	13.9	13.6	10.8	10.4	7.7	7.8	6.4				
KENOVA	315.8													
		MAX	14.1*	13.3	13.5	12.3	10.2	8.7	7.3	7.5	8.9*	8.0*	9.0*	11.0*
		MIN		12.8	12.6	10.3	9.1	8.0	6.9	6.9				
		AVG		13.0	13.0	11.1	9.6	8.3	7.1	7.2				
GREENUP	341.0													
		MAX	14.0	13.8	12.9	11.6	9.9	8.5	8.1	7.0	7.0*	6.8*	9.5*	10.9*
		MIN	13.5	13.0	12.2	9.8	9.0	8.1	6.9	6.3				
		AVG	13.7	13.4	12.5	10.7	9.5	8.3	7.3	6.6				
MELDAHL	436.2													
		MAX	14.5*	14.4	12.2*	11.1	9.8	9.0	8.2	7.7	7.8*	6.7*	9.4*	11.3*
		MIN		13.2		10.0	8.3	7.3	7.7	6.7				
		AVG		13.8		10.5	9.2	8.1	8.0	7.2				
MARKLAND	531.5													
		MAX	12.8	15.6	12.7*	11.3	9.4	7.7	6.9	5.8	6.4*	7.5*	9.2*	9.4*
		MIN	12.0	13.4		9.8	9.2	7.3	5.8	5.3				
		AVG	12.4	14.6		10.4	9.3	7.5	6.4	5.6				
UNIONTOWN	846.0													
		MAX	12.6*	14.4*	13.9	10.0	10.4	9.4	9.2	8.9	10.7	8.7*	9.1*	9.7*
		MIN			10.5	9.6	7.5	8.6	7.9	7.5	9.0			
		AVG			12.0	9.8	8.8	9.1	8.7	8.4	9.7			

* SINGLE VALUE FOR THE MONTH

TABLE A42 SUMMARY OF DISSOLVED OXYGEN AT MANUAL LOCATIONS
OHIO RIVER MAIN STEM 1979

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
PIKE ISLAND	84.2													
		MAX	14.2	16.1	15.8	12.2	10.3	10.2	7.2	7.7	8.0	10.4	10.4	12.4
		MIN	12.2	13.5	13.5	11.6	9.1	7.9	7.1	6.7	7.4	8.3	9.2	10.4
		AVG	13.4	14.7	14.4	11.9	9.7	8.8	7.1	7.2	7.7	9.3	10.0	11.6
HANNIBAL	126.4													
		MAX	13.3	12.8	13.3	12.3	10.2	9.1	7.8	8.1	8.2	10.6	10.1	12.5
		MIN	11.1	12.7	12.3	11.0	8.6	7.2	7.4	6.6	7.2	8.6	9.6	10.6
		AVG	12.2	12.7	12.9	11.7	9.3	8.1	7.6	7.3	7.7	9.6	9.9	11.8
WILLOW ISLAND	161.8													
		MAX	15.4	14.2*	13.4	10.8	12.0	10.1	7.9	7.8	8.2	10.3	10.9	12.0
		MIN	13.4		12.7	10.5	9.5	8.9	7.1	6.7	8.0	9.5	10.6	11.7
		AVG	14.7		13.1	10.6	10.7	9.5	7.6	7.2	8.1	10.0	10.7	11.8
BELLEVILLE	203.9													
		MAX	14.8*	14.3*	12.8*	10.6*	11.0*	9.1*	8.8*	7.5*	7.8*	9.7*	10.3*	11.6*
		MIN												
		AVG												
KENOVA	315.8													
		MAX	12.8*	13.4*		12.9*	10.6*	9.6*	8.1*	7.5*		8.8*	10.0*	10.4*
		MIN												
		AVG												
GREENUP	341.0													
		MAX	13.5*	14.2*	12.8*	10.5*	10.2*	8.5*	8.8*	7.0*	7.9*	9.2*	10.0*	10.0*
		MIN												
		AVG												
MELDAHL	436.2													
		MAX	11.6*	14.2*	12.2*	11.1*	9.2*	8.3*	7.5*	7.7*	7.3*	9.4*	11.3*	11.8*
		MIN												
		AVG												
MARKLAND	531.5													
		MAX	13.7*	14.4*	12.3*	10.5*	9.6*	7.2*	6.7	7.3	8.8	9.0	10.0*	10.7*
		MIN							6.6	6.8	6.0	7.8		
		AVG							6.6	7.0	7.1	8.4		
UNIONTOWN	846.0													
		MAX	14.3*	13.6*	11.6*	10.2*	8.7*	8.3*	7.6*	6.6*	5.3*	9.1*	9.8*	10.3*
		MIN												
		AVG												

* SINGLE VALUE FOR THE MONTH

TABLE A43 SUMMARY OF DISSOLVED OXYGEN AT MANUAL LOCATIONS
OHIO RIVER TRIBUTARIES 1978

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MUSKINGUM RIVER	5.8												
ENTERS OHIO AT	172.2												
MAX		14.7	13.8	15.2	11.2	11.0	8.4	7.8	7.3	7.4*	9.1	7.9*	13.3*
MIN		12.0	13.0	12.5	10.4	9.0	7.9	7.4	6.5		7.5		
AVG		13.5	13.4	14.1	10.8	9.9	8.2	7.6	6.8		8.3		
SCIOTO RIVER	15.0												
ENTERS OHIO AT	356.5												
MAX				13.0	9.6	9.4	9.1	10.2	8.3	6.8*	8.1*	9.3*	10.7*
MIN				12.2	8.7	7.5	8.0	7.1	6.5				
AVG				12.6	9.2	8.6	8.4	8.6	7.7				
LITTLE MIAMI R.	7.5												
ENTERS OHIO AT	464.1												
MAX		12.8*		12.3*	10.7	11.2	7.7	8.2	9.8	7.5*	8.5*	9.9*	12.3*
MIN					9.5	8.3	7.0	7.8	7.4				
AVG					10.1	9.8	7.3	8.1	8.3				
GREEN RIVER	41.3												
ENTERS OHIO AT	784.7												
MAX		12.7*	14.0	9.8*	9.5	10.5	8.5	8.1	7.7	8.0	8.5*	10.2*	10.2*
MIN			13.2		8.2	8.6	7.8	6.0	6.8	7.2			
AVG			13.6		8.8	9.5	8.2	7.2	7.3	7.6			
CUMBERLAND RIVER	30.6												
ENTERS OHIO AT	920.4												
MAX		13.9*	13.9	12.6	10.1	9.9	8.6	10.2	9.2	7.4	7.4*	7.0*	10.5*
MIN			12.9	11.4	9.4	8.9	8.0	7.3	6.2	7.0			
AVG			13.3	12.0	9.7	9.3	8.2	8.3	7.8	7.2			
TENNESSEE RIVER	6.0												
ENTERS OHIO AT	934.5												
MAX			15.0	14.2*	11.4	14.5	8.2	8.0	7.3	6.5	7.5*	7.9*	15.5*
MIN			12.4		9.9	8.7	7.2	5.8	7.1	6.1			
AVG			14.1		10.7	10.9	7.7	7.0	7.2	6.3			

* SINGLE VALUE FOR THE MONTH

TABLE A44 SUMMARY OF DISSOLVED OXYGEN AT MANUAL LOCATIONS
OHIO RIVER TRIBUTARIES 1979

RESULTS IN MILLIGRAMS PER LITER

STATION	MILE POINT	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MUSKINGUM RIVER	5.8												
ENTERS OHIO AT	172.2												
MAX		15.1	14.7*	13.6	10.4	10.7	9.6	8.2	8.2	8.5	10.4	11.1	12.0
MIN		14.0		12.2	10.3	9.0	9.1	7.7	7.3	8.0	9.8	10.7	11.8
AVG		14.7		13.0	10.3	10.0	9.3	7.9	7.8	8.2	10.1	10.9	11.9
SCIOTO RIVER	15.0												
ENTERS OHIO AT	356.5												
MAX		13.3*		12.7*	11.0*	9.5*	8.0*	9.7*	7.0*	7.7*	8.7*	10.4*	10.8*
MIN													
AVG													
LITTLE MIAMI R.	7.5												
ENTERS OHIO AT	464.1												
MAX		11.2*	14.3*	13.3*	11.6*	10.0*	7.8*	7.2*	7.1*	6.2*	9.0*	10.7*	11.8*
MIN													
AVG													
GREEN RIVER	41.3												
ENTERS OHIO AT	784.7												
MAX		13.0*	12.3*	11.1*	10.1*	10.0*	8.9*	8.0*	7.6*	8.1*	9.5*	10.1*	10.5*
MIN													
AVG													
CUMBERLAND RIVER	30.6												
ENTERS OHIO AT	920.4												
MAX		12.8*	13.1*	11.9*	9.2*	10.6*	8.6*	7.4*	7.7*	8.0*	7.4*	9.3*	11.3*
MIN													
AVG													
TENNESSEE RIVER	6.0												
ENTERS OHIO AT	934.5												
MAX		16.8*	13.2*	15.5*	14.0*	9.4*	12.0*	7.3*	8.3*	8.0*	11.2*	13.3*	16.1*
MIN													
AVG													

* SINGLE VALUE FOR THE MONTH

TABLE A45 SUMMARY OF 1978 SUSPENDED SOLIDS, BIOC ICAL OXYGEN DEMAND AND CHEMICAL OXYGEN DEMAND
OHIO RIVER MAIN STEM

RESULTS IN MILLIGRAMS PER LITER

		SUSPENDED SOLIDS				5 DAY BOD				COD			
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
SOUTH HEIGHTS	15.2	26	218	3	45	12	5.0	<3.0	3.2				
EAST LIVERPOOL	40.2	27	176	1	33	11	6.0	2.0	3.2				
PIKE ISLAND	84.2	27	294	4	39	12	8.0	1.4	3.9				
SHADYSIDE	102.4	28	96	2	19	11	7.0	2.0	3.7				
HANNIBAL L D	126.4	29	50	1	16	12	8.0	1.2	3.8				
WILLOW ISLAND	161.8	27	242	3	30	11	7.0	1.3	3.5				
BELLEVILLE	203.9	29	323	1	45	12	6.0	1.3	3.4				
ADDISON	260.0	23	616	12	103	9	3.7	.6	2.3				
GALLIPOLIS	279.2	24	216	6	63	8	6.8	1.2	2.7				
HUNTINGTON	306.9	23	554	3	111	7	6.9	.7	2.3				
KENOVA	315.8	23	1306	12	117	6	<3.0	1.4	2.1				
GREENUP	341.0	23	800	6	92	11	4.4	.5	2.5				
MELDAHL	436.2	21	159	9	46	9	9.5	1.2	2.9				
CINCINNATI	462.8	24	388	5	107	12	8.7	.4	2.4				
NORTH BEND	490.0	25	494	9	101	12	7.5	.8	2.3				
MARKLAND	531.5	24	340	2	51	11	3.3	1.4	2.0				
LOUISVILLE	600.6	21	313	8	71	7	2.7	.2	1.0	9	25.0	4.0	13.7
WEST POINT	625.9	21	1460	32	211	7	2.8	.1	1.6	8	54	6.0	23.2
CANNELTON	720.7	25	579	<10	93	9	2.6	1.2	1.9	6	14	4	9
EVANSVILLE	791.5	21	3640	21	356	8	4.7	.3	2.5	8	38.0	1.2	20.1
UNIONTOWN	846.0	24	376	10	73	10	5.0	1.7	3.0	5	20	5	10
JUPPA	951.3	25	241	32	85	10	4.4	1.4	2.4	9	44.0	6	15

TABLE A46 SUMMARY OF 1979 SUSPENDED SOLIDS, BIOCHEMICAL OXYGEN DEMAND AND CHEMICAL OXYGEN DEMAND
OHIO RIVER MAIN STEM

RESULTS IN MILLIGRAMS PER LITER

		SUSPENDED SOLIDS				5 DAY BOD				COD			
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
SOUTH HEIGHTS	15.2	12	126	7	42	12	6.0	<2.0	2.6	12	20.0	<4.0	12.1
EAST LIVERPOOL	40.2	12	424	5	75	12	8.0	<2.0	3.3	12	46.0	<4.0	15.0
PIKE ISLAND	84.2	12	352	6	69	11	<3.0	<2.0	2.6	12	34.0	5.0	15.7
SHADYSIDE	102.4	12	94	9	28	11	6.0	<2.0	2.8	9	25.0	<4.0	11.8
HANNIBAL L D	126.4	12	101	5	21	12	3.0	<2.0	2.4	12	28.0	<4.0	12.4
WILLOW ISLAND	161.8	12	318	6	43	10	6.7	.1	3.2	10	26.0	<4.0	13.8
BELLEVILLE	203.9	12	192	8	50	8	5.2	1.8	3.4	10	43.0	<4.0	16.8
ADDISON	260.0	12	150	14	65	11	5.4	1.0	3.0	10	50.0	7.0	23.1
GALLIPOLIS	279.2	12	476	17	92	8	5.4	2.2	3.6	9	44.0	7.0	22.3
HUNTINGTON	306.9	11	450	16	136	10	4.5	.8	2.1	10	32.0	<4.0	18.5
KENOVA	315.8	10	184	23	70	8	4.6	.3	2.4				
GREENUP	341.0	11	190	7	47	10	5.6	.9	3.3	10	33.0	4.0	18.3
MELDAHL	436.2	12	255	14	54	9	1.9	.2	1.0				
CINCINNATI	462.8	13	292	18	92	11	4.3	.0	1.2				
NORTH BEND	490.0	12	154	10	69	11	2.2	.2	1.3				
MARKLAND	531.5	12	148	4	48	11	2.1	.3	1.4				
LOUISVILLE	600.6	12	331	12	88	9	7.4	1.6	4.5	11	18.0	<4.0	9.7
WEST POINT	625.9	12	1630	24	298	9	8.4	.5	4.2	11	30.0	8.0	18.5
CANNELTON	720.7	12	387	12	85	11	4.6	1.7	2.8				
EVANSVILLE	791.5	12	972	36	405	9	5.0	1.6	2.8	10	44.0	<4.0	16.8
UNIONTOWN	846.0	12	386	17	143	11	5.7	1.2	3.1				
JOPPA	951.3	11	356	43	139	10	3.8	1.2	2.1	12	44.0	4.0	14.7

TABLE A47 SUMMARY OF 1978 SUSPENDED SOLIDS, BIOCHEMICAL OXYGEN DEMAND AND CHEMICAL OXYGEN DEMAND
OHIO RIVER TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	SUSPENDED SOLIDS				5 DAY BOD				COD			
		SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
ALLEGHENY	0.0	27	422	1	28	13	4.0	1.0	2.8				
MONONGAHELA	0.0	25	422	1	41	12	<5.0	1.0	3.0				
BEAVER	25.4	26	427	1	34	12	14.0	<3.0	4.7				
MUSKINGUM	172.2	28	198	1	65	12	9.0	1.6	3.4				
KANAWHA	265.7	23	262	1	49	9	6.9	1.2	3.4				
BIG SANDY	317.1	23	1652	7	273	9	<3.0	.4	1.5				
SCIOTO	356.5	20	578	15	126	6	6.8	.8	3.4				
LITTLE MIAMI	464.1	19	892	1	95	11	9.5	.8	3.3				
LICKING	470.3	21	530	12	130	11	7.7	.8	2.3				
GREAT MIAMI	491.1	24	438	2	100	11	7.8	2.8	4.8				
GREEN	784.7	20	486	26	97	10	3.5	1.2	2.4	8	46.0	1.6	14.8
WABASH	842.0	25	873	13	175	11	8.0	2.0	3.9	5	25.0	<4	18
CUMBERLAND	920.4	25	119	<10	27	10	7.3	.6	2.7	8	42.0	<4	11
TENNESSEE	934.5	23	49	<10	18	10	4.0	1.0	2.5	8	22.0	4.0	8.1

TABLE A48 SUMMARY OF 1979 SUSPENDED SOLIDS, BIOCHEMICAL OXYGEN DEMAND AND CHEMICAL OXYGEN DEMAND
OHIO RIVER TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	SUSPENDED SOLIDS				5 DAY BOD				COD			
		SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
ALLEGHENY	0.0	12	344	3	61	12	<3.0	<2.0	2.4	12	24.0	<4.0	11.5
MONONGAHELA	0.0	12	204	3	38	12	3.0	<2.0	2.6	11	19.0	<4.0	8.9
BEAVER	25.4	12	215	3	36	12	8.0	<2.0	3.4	12	33.0	4.0	17.1
MUSKINGUM	172.2	12	155	16	68	7	7.6	.2	3.3				
KANAWHA	265.7	11	326	8	115	8	6.8	.9	3.6	9	44.0	4.0	19.7
BIG SANDY	317.1	10	382	16	164	8	3.3	1.3	2.2	8	51.0	13.0	28.4
SCIOTO	356.5	12	158	5	59	9	6.1	1.3	3.2	2	31.0	31.0	31.0
LITTLE MIAMI	464.1	12	72	4	30	11	6.8	.2	1.8				
LICKING	470.3	13	366	10	72	11	4.6	.4	1.4	12	28.0	<4.0	12.7
GREAT MIAMI	491.1	12	262	2	71	11	6.7	1.8	3.3				
GREEN	784.7	12	492	22	86	11	4.4	1.0	2.5	12	28.0	<4.0	11.4
WABASH	842.0	12	935	66	230	9	5.0	2.0	3.5				
CUMBERLAND	920.4	12	249	11	37	10	4.2	.7	2.4				
TENNESSEE	934.5	12	143	12	28	10	6.3	1.0	2.5	11	26.0	<4.0	8.5

TABLE A49 SUMMARY OF 1978 PH HORUS AND NITROGEN
OHIO RIVER MAIN STEM

RESULTS IN MILLIGRAMS PER LITER

		TOTAL PHOSPHORUS				TOTAL KJELDAHL NITROGEN			
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
SOUTH HEIGHTS	15.2	26	.46	.06	.19	26	1.88	.4	.8
EAST LIVERPOOL	40.2	27	.60	.08	.17	27	1.67	.4	.8
PIKE ISLAND	84.2	27	.76	.06	.17	27	1.70	.3	.8
SHADYSIDE	102.4	27	.32	.06	.13	27	1.4	.17	.61
HANNIBAL L D	126.4	29	.36	.03	.13	29	1.1	.3	.7
WILLOW ISLAND	161.8	27	.46	.04	.14	27	1.2	.2	.7
BELLEVILLE	203.9	29	3.10	.06	.31	29	1.4	.40	.69
ADDISON	260.0	23	1.35	.05	.26	23	1.6	.2	.7
GALLIPOLIS	279.2	24	.61	.04	.23	24	1.20	.30	.61
HUNTINGTON	306.9	23	1.95	.06	.31	23	1.50	.1	.6
KENOVA	315.8	23	1.25	<.02	.24	23	2.70	.4	.8
GREENUP	341.0	23	11.00	.06	.80	23	5.20	.3	.9
MELDAHL	436.2	21	.52	.03	.22	21	5.30	.39	.92
CINCINNATI	462.8	24	.88	<.02	.24	24	1.4	.2	.6
NORTH BEND	490.0	25	.74	.04	.23	25	1.56	.36	.72
MARKLAND	531.5	24	.63	<.02	.21	24	1.34	.1	.6
LOUISVILLE	600.6	23	2.98	<.05	.40	23	1.45	.18	.64
WEST POINT	625.9	23	2.73	<.05	.68	23	2.53	.4	1.1
CANNELTON	720.7	26	2.16	<.05	.46	26	2.2	.2	.7
EVANSVILLE	791.5	22	3.07	<.05	.66	22	4.6	.15	1.05
UNIONTOWN	846.0	25	2.37	<.05	.51	25	1.9	.3	.7
JOPPA	951.3	26	3.08	<.05	.64	26	7.8	<.05	1.01

TABLE A49 SUMMARY OF 1978 PHOSPHORUS AND NITROGEN
OHIO RIVER MAIN STEM

RESULTS IN MILLIGRAMS PER LITER

		AMMONIA NITROGEN				UNIONIZED AMMONIA*				NITRATE NITROGEN			
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
SOUTH HEIGHTS	15.2	26	1.15	.05	.36	12	.007	.001	.002	26	1.28	.65	.93
EAST LIVERPOOL	40.2	27	1.08	<.05	.40	14	.007	.001	.002	27	2.20	.83	1.20
PIKE ISLAND	84.2	27	.98	<.10	.41	18	.007	.001	.003	27	2.60	.74	1.23
SHADYSIDE	102.4	28	.78	<.05	.28	13	.002	.001	.001	28	2.50	.74	1.19
HANNIBAL L D	126.4	29	.88	<.05	.31	13	.003	.001	.001	29	7.20	.80	1.33
WILLOW ISLAND	161.8	27	.80	<.05	.27	10	.002	.001	.001	27	2.00	.78	1.15
BELLEVILLE	203.9	29	.65	<.05	.26	10	.005	.001	.002	29	1.66	.93	1.17
ADDISON	260.0	24	.45	<.05	.18	9	.001	.001	.001	24	1.48	.86	1.14
GALLIPOLIS	279.2	24	.40	<.05	.16	8	.002	.001	.001	24	1.54	.76	1.02
HUNTINGTON	306.9	23	.30	<.05	.10	6	.001	.001	.001	23	1.25	.57	.92
KENOVA	315.8	23	.43	<.05	.16	6	.001	.001	.001	23	1.48	.53	1.07
GREENUP	341.0	23	.35	<.05	.14	4	.001	.001	.001	23	2.00	.38	1.00
MELDAHL	436.2	21	.30	.05	.14	6	.002	.001	.001	21	1.81	.89	1.23
CINCINNATI	462.8	24	.35	<.05	.11	5	.004	.001	.002	24	1.86	.85	1.18
NORTH BEND	490.0	25	.55	<.05	.18	9	.002	.001	.001	25	1.78	.99	1.27
MARKLAND	531.5	24	.85	<.05	.18	10	.003	.001	.002	24	3.41	.37	1.44
LOUISVILLE	600.6	23	1.03	<.05	.18	8	.017	.001	.003	23	1.66	.06	1.20
WEST POINT	625.9	23	.56	.05	.23	15	.003	.001	.002	23	1.71	.88	1.27
CANNELTON	720.7	26	.51	<.05	.15	14	.003	.001	.001	26	1.73	.89	1.27
EVANSVILLE	791.5	22	.33	<.05	.12	11	.010	.001	.003	22	1.52	.96	1.27
UNIONTOWN	846.0	25	.58	<.05	.14	14	.033	.001	.005	25	2.63	.90	1.33
JUPPA	951.3	26	.49	<.05	.15	16	.017	.001	.003	26	2.68	.41	1.48

* CALCULATED VALUES LESS THAN .001 NOT INCLUDED IN DATA SUMMARY

TABLE A50 SUMMARY OF 1979 PHOSPHORUS AND NITROGEN
OHIO RIVER MAIN STEM

RESULTS IN MILLIGRAMS PER LITER

		TOTAL PHOSPHORUS				TOTAL KJELDAHL NITROGEN			
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
SOUTH HEIGHTS	15.2	24	.59	.08	.16	24	1.19	.24	.69
EAST LIVERPOOL	40.2	24	.64	.08	.21	24	2.30	.38	.80
PIKE ISLAND	84.2	13	.43	.06	.14	13	1.60	.51	.76
SHADYSIDE	102.4	22	.26	.07	.14	22	.92	.26	.61
HANNIBAL L D	126.4	13	.21	.08	.12	13	1.19	.40	.68
WILLOW ISLAND	161.8	13	.87	.05	.31	13	2.60	.62	1.05
BELLEVILLE	203.9	12	1.00	.06	.25	12	1.60	.59	.98
ADDISON	260.0	17	1.00	.10	.34	17	1.44	.64	.91
GALLIPOLIS	279.2	17	3.25	.08	.43	17	1.61	.00	.80
HUNTINGTON	306.9	20	.65	.06	.22	20	1.53	.36	.66
KENOVA	315.8	10	.58	.08	.27	10	1.41	.41	.83
GREENUP	341.0	11	1.15	.06	.30	11	1.26	.49	.83
MELDAHL	436.2	11	.24	.06	.12	11	.90	.23	.54
CINCINNATI	462.8	14	.32	.09	.16	14	1.02	.35	.58
NORTH BEND	490.0	17	.43	.09	.18	17	1.19	.28	.74
MARKLAND	531.5	17	.38	.06	.16	17	1.32	.23	.63
LOUISVILLE	600.6	18	1.18	.06	.28	18	1.71	.21	.62
WEST POINT	625.9	18	1.14	.12	.38	18	2.02	.43	.95
CANNELTON	720.7	19	.54	.06	.19	19	1.27	.27	.71
EVANSVILLE	791.5	19	.81	.08	.30	19	1.99	.07	.80
UNIONTOWN	846.0	12	.96	.05	.27	12	1.33	.25	.67
JOPPA	951.3	18	.51	<.05	.20	18	1.43	.17	.68

TABLE A50 SUMMARY OF 1979 PHOSPHORUS AND NITROGEN
OHIO RIVER MAIN STEM

RESULTS IN MILLIGRAMS PER LITER

		AMMONIA NITROGEN				UNIONIZED AMMONIA*				NITRATE NITROGEN			
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
SOUTH HEIGHTS	15.2	24	.55	<.05	.26	9	.006	.001	.002	24	2.50	.60	.96
EAST LIVERPOOL	40.2	24	.54	<.05	.28	13	.003	.001	.002	24	2.60	.74	1.12
PIKE ISLAND	84.2	13	.50	.12	.28	6	.002	.001	.001	13	1.30	.71	1.02
SHADYSIDE	102.4	22	.45	.12	.24	12	.003	.001	.001	22	2.50	.70	1.12
HANNIBAL L D	126.4	13	.48	.12	.29	6	.003	.001	.001	13	2.50	.73	1.15
WILLOW ISLAND	161.8	13	.65	.08	.29	6	.003	.001	.002	13	2.40	.74	1.17
BELLEVILLE	203.9	12	.68	.05	.24	4	.002	.001	.001	12	1.53	.80	1.12
ADDISON	260.0	17	.35	<.05	.17	11	.002	.001	.001	17	1.61	.83	1.16
GALLIPOLIS	279.2	17	.38	<.04	.17	7	.003	.001	.002	17	2.50	.65	1.01
HUNTINGTON	306.9	20	.22	<.05	.09	5	.001	.001	.001	20	1.17	.55	.86
KENOVA	315.8	10	.38	.05	.19	4	.003	.001	.001	10	1.37	.60	.93
GREENUP	341.0	11	.35	<.05	.17	1	.002	.002	.002	11	1.16	.77	.98
MELDAHL	436.2	11	.28	<.05	.14	2	.001	.001	.001	11	1.76	.79	1.12
CINCINNATI	462.8	14	.25	<.05	.11	1	.002	.002	.002	14	1.64	.62	1.01
NORTH BEND	490.0	17	.75	<.05	.17	6	.003	.001	.001	17	4.60	.92	1.38
MARKLAND	531.5	17	.22	<.05	.12	7	.002	.001	.001	17	1.74	.88	1.31
LOUISVILLE	600.6	18	.53	<.05	.12	3	.010	.001	.004	18	1.51	.85	1.19
WEST POINT	625.9	18	.86	<.05	.19	6	.010	.001	.004	18	1.74	.84	1.22
CANNELTON	720.7	19	.25	<.05	.09	3	.001	.001	.001	19	1.63	.85	1.18
EVANSVILLE	791.5	19	.21	<.05	.09	3	.002	.001	.002	19	1.85	1.02	1.23
UNIONTOWN	846.0	12	.25	<.05	.09	4	.002	.001	.001	12	3.91	.15	1.35
JOPPA	951.3	18	.39	<.05	.11	8	.010	.001	.003	18	1.91	.88	1.41

* CALCULATED VALUES LESS THAN .001 NOT INCLUDED IN DATA SUMMARY

TABLE A51 SUMMARY OF 1978 P. PHORUS AND NITROGEN
OHIO RIVER TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	TOTAL PHOSPHORUS				TOTAL KJELDAHL NITROGEN			
		SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
ALLEGHENY	0.0	27	.79	.02	.11	27	.7	.2	.5
MONONGAHELA	0.0	25	.69	<.02	.14	25	1.7	.30	.75
BEAVER	25.4	27	1.10	.08	.26	27	2.3	.4	1.2
MUSKINGUM	172.2	29	.36	<.02	.19	29	1.13	.4	.8
KANAWHA	265.7	23	1.80	.06	.25	22	1.8	.1	.8
BIG SANDY	317.1	23	1.40	.04	.33	23	5.5	.20	.92
SCIOTO	356.5	20	1.70	.06	.50	20	1.90	.5	1.1
LITTLE MIAMI	464.1	19	1.65	.20	.55	19	3.9	.70	1.19
LICKING	470.3	23	1.90	.06	.42	23	1.7	.1	.8
GREAT MIAMI	491.1	24	.80	.05	.46	24	4.30	.49	1.47
GREEN	784.7	22	1.48	<.05	.29	22	2.9	.19	.66
WABASH	842.0	27	1.65	<.05	.55	27	2.77	.5	1.2
CUMBERLAND	920.4	26	2.09	<.05	.46	26	1.09	<.05	.44
TENNESSEE	934.5	24	1.41	<.05	.36	24	1.09	.1	.5

TABLE A51 SUMMARY OF 1978 PHOSPHORUS AND NITROGEN
OHIO RIVER TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	AMMONIA NITROGEN				UNIONIZED AMMONIA*				NITRATE NITROGEN			
		SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
ALLEGHENY	0.0	27	.40	.08	.19	7	.002	.001	.001	27	1.36	.43	.77
MONONGAHELA	0.0	25	.90	.05	.34	10	.005	.001	.002	25	1.52	.71	.96
BEAVER	25.4	27	1.58	.05	.57	20	.006	.001	.003	27	2.40	.95	1.37
MUSKINGUM	172.2	29	.43	<.05	.17	6	.001	.001	.001	29	1.99	.45	1.35
KANAWHA	265.7	22	.55	.05	.19	5	.002	.001	.001	23	1.50	.45	.68
BIG SANDY	317.1	24	.90	<.05	.14	5	.008	.001	.005	24	1.50	.11	.52
SCIOTO	356.5	20	.48	<.05	.16	6	.003	.001	.002	20	4.00	.24	2.08
LITTLE MIAMI	464.1	19	.48	.05	.19	11	.007	.001	.003	19	5.80	.44	2.24
LICKING	470.3	23	.40	<.05	.10	12	.005	.001	.002	23	2.40	.31	.98
GREAT MIAMI	491.1	24	1.60	<.05	.33	21	.026	.001	.008	24	6.69	.44	3.32
GREEN	784.7	22	.21	.02	.09	11	.011	.001	.003	22	1.41	.40	.96
WABASH	842.0	27	.54	<.05	.15	17	.023	.001	.006	27	5.03	.21	2.20
CUMBERLAND	920.4	26	.30	<.05	.09	12	.142	.001	.017	26	1.25	<.01	.43
TENNESSEE	934.5	24	.39	<.05	.10	12	.047	.001	.011	24	1.19	<.05	.35

* CALCULATED VALUES LESS THAN .001 NOT INCLUDED IN DATA SUMMARY

TABLE A52 SUMMARY OF 1979 P PHORUS AND NITROGEN
OHIO RIVER TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	TOTAL PHOSPHORUS				TOTAL KJELDAHL NITROGEN			
		SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
ALLEGHENY	0.0	22	.44	.03	.13	22	1.51	.25	.50
MONONGAHELA	0.0	22	.64	.05	.14	22	1.43	.33	.67
BEAVER	25.4	23	.66	.10	.24	24	2.30	.54	1.22
MUSKINGUM	172.2	13	7.60	.06	.87	13	1.67	.59	1.08
KANAWHA	265.7	18	6.95	.08	.63	18	1.99	.34	.97
BIG SANDY	317.1	13	.89	.08	.31	13	3.20	.28	.92
SCIOTO	356.5	12	1.70	.14	.50	12	1.70	.69	1.19
LITTLE MIAMI	464.1	11	.54	.26	.35	11	1.15	.42	.81
LICKING	470.3	15	13.00	.10	1.09	15	1.27	.27	.58
GREAT MIAMI	491.1	16	.68	.08	.33	16	2.20	.34	1.10
GREEN	784.7	12	.52	<.05	.12	12	1.16	.19	.51
WABASH	842.0	17	.84	.10	.24	17	1.63	.66	1.09
CUMBERLAND	920.4	11	.82	<.05	.22	11	.82	.23	.45
TENNESSEE	934.5	12	1.33	.07	.21	12	.59	.27	.40

TABLE A52 SUMMARY OF 1979 PHOSPHORUS AND NITROGEN
OHIO RIVER TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	AMMONIA NITROGEN				UNIONIZED AMMONIA*				NITRATE NITROGEN			
		SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
ALLEGHENY	0.0	22	.25	<.05	.14	5	.001	.001	.001	22	1.02	.45	.65
MONONGAHELA	0.0	22	.52	.05	.24	11	.018	.001	.004	22	1.09	.59	.84
BEAVER	25.4	24	1.30	.05	.49	19	.022	.001	.006	24	3.08	.67	1.56
MUSKINGUM	172.2	13	.42	.08	.16	2	.001	.001	.001	13	2.60	.77	1.51
KANAWHA	265.7	18	.28	<.05	.13	3	.001	.001	.001	18	1.31	.42	.61
BIG SANDY	317.1	13	.70	<.05	.17	5	.007	.001	.003	13	.60	.08	.35
SCIOTO	356.5	12	.65	<.05	.21	2	.002	.001	.001	12	6.95	1.97	3.54
LITTLE MIAMI	464.1	11	.55	.05	.19	8	.008	.001	.003	11	5.00	2.20	2.99
LICKING	470.3	15	.28	<.05	.10	8	.006	.001	.002	15	1.29	.30	.71
GREAT MIAMI	491.1	16	1.22	.08	.34	15	.017	.001	.006	16	7.00	1.28	3.77
GREEN	784.7	12	.19	<.05	.10	6	.004	.001	.002	12	1.44	.60	.87
WABASH	842.0	17	.96	<.05	.18	10	.062	.001	.010	17	3.99	.16	1.97
CUMBERLAND	920.4	11	.16	<.05	.07	4	.021	.002	.010	11	.86	.05	.45
TENNESSEE	934.5	12	.26	<.05	.10	7	.008	.001	.003	12	.72	.08	.41

* CALCULATED VALUES LESS THAN .001 NOT INCLUDED IN DATA SUMMARY

TABLE A53 SUMMARY OF 1978 TRAC METALS AND CHEMICALS
OHIO RIVER MAIN STEM

RESULTS IN MICROGRAMS PER LITER

		ARSENIC			BARIUM			CADMIUM			CHROMIUM		
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
SOUTH HEIGHTS	15.2	4	<10.0	<10.0	12	<200	40	12	5	<1	12	28	<4
EAST LIVERPOOL	40.2	4	<10.0	<10.0	12	<200	10	12	8	1	12	12	<4
PIKE ISLAND	84.2	4	15.0	<10.0	12	<200	20	12	4	1	12	70	<4
SHADYSIDE	102.4	4	<10.0	<10.0	12	<200	30	12	4	1	12	24	<4
HANNIBAL L D	126.4	4	<10.0	<10.0	12	<200	20	12	4	1	12	8	<4
WILLOW ISLAND	161.8	4	<10.0	<10.0	12	<200	20	12	13	<1	12	12	<4
BELLEVILLE	203.9	4	<10.0	<10.0	12	<200	30	12	6	1	12	12	<4
ADDISON	260.0	5	<10.0	<10.0	13	<200	30	13	9	<1	13	24	<4
GALLIPOLIS	279.2	5	<10.0	<10.0	13	<200	17	13	8	<1	13	20	<4
HUNTINGTON	306.9	4	<10.0	<10.0	12	<200	4	12	5	<1	12	30	<4
KENOVA	315.8	3	<10.0	<10.0	11	<200	20	11	6	<1	11	28	<4
GREENUP	341.0	4	<10.0	<10.0	12	<200	20	12	8	<1	12	28	<4
MELDAHL	436.2	4	<10.0	<10.0	10	<200	30	10	13	<1	10	20	<4
CINCINNATI	462.8	4	<10.0	<10.0	12	<200	30	12	4	<1	12	12	<4
NORTH BEND	490.0	4	<10.0	<10.0	12	200	20	12	2	<1	12	28	<4
MARKLAND	531.5	4	<10.0	<10.0	12	<200	10	12	3	1	12	20	<4
LOUISVILLE	600.6	4	<10.0	<10.0	10	300	<200	11	<5	1	11	<30	<4
WEST POINT	625.9	4	<10.0	<10.0	10	300	<200	11	7	2	11	<30	<4
CANNELTON	720.7	5	<10.0	<10.0	10	<200	<200	10	<5	3	10	<30	<4
EVANSVILLE	791.5	4	<10.0	<10.0	9	<200	<200	9	<5	3	9	<30	16
UNIONTOWN	846.0	4	<10.0	<10.0	10	300	<200	10	<5	2	10	<30	<4
JOPPA	951.3	4	<10.0	<10.0	10	<200	<200	10	<5	1	10	<30	4

TABLE A53 SUMMARY OF 1978 TRACE METALS AND CHEMICALS
OHIO RIVER MAIN STEM

RESULTS IN MICROGRAMS PER LITER

		COPPER			CYANIDE			IRON			LEAD		
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
SOUTH HEIGHTS	15.2	12	52	6	31	60	<10	12	15000	550	12	60	10
EAST LIVERPOOL	40.2	12	40	6	31	60	<10	12	8500	300	12	40	15
PIKE ISLAND	84.2	12	60	8	32	60	<10	12	17000	550	12	100	15
SHADYSIDE	102.4	12	32	6	33	50	<10	12	5500	250	12	50	15
HANNIBAL L D	126.4	12	20	6	33	60	<10	12	3000	250	12	45	10
WILLOW ISLAND	161.8	12	28	4	31	50	<10	12	6000	400	12	30	15
BELLEVILLE	203.9	12	98	8	29	30	<10	12	7000	300	12	30	10
ADDISON	260.0	13	120	8	24	20	<10	13	12500	400	13	180	10
GALLIPOLIS	279.2	13	174	6	24	60	<10	13	8000	250	13	130	15
HUNTINGTON	306.9	12	800	10	23	<10	<10	12	19000	200	12	60	10
KENOVA	315.8	11	192	10	23	20	<10	11	24000	500	11	50	10
GREENUP	341.0	12	164	2	23	20	<10	12	22500	300	12	110	<10
MELDAHL	436.2	11	52	10	21	10	<10	11	3200	500	10	90	10
CINCINNATI	462.8	13	86	10	24	10	<10	13	10000	300	13	70	<10
NORTH BEND	490.0	12	180	8	25	20	<10	12	19000	650	12	50	10
MARKLAND	531.5	12	28	<2	24	20	<10	12	11500	400	12	55	<10
LOUISVILLE	600.6	12	90	28	23	<10	<10	12	10000	150	12	30	<5
WEST POINT	625.9	12	100	8	23	<10	<10	12	24500	1400	12	60	<5
CANNELTON	720.7	12	<30	6	27	<50	<10	12	15000	200	12	50	<5
EVANSVILLE	791.5	11	440	12	22	<20	<10	11	13000	1100	11	45	<5
UNIONTOWN	846.0	12	50	6	25	<20	<10	12	10500	350	17	50	<5
JUPPA	951.3	12	66	8	26	<20	<10	12	9200	900	12	48	<5

TABLE A53 SUMMARY OF 1978 TRA_ METALS AND CHEMICALS
OHIO RIVER MAIN STEM

RESULTS IN MICROGRAMS PER LITER

		MANGANESE			MERCURY			NICKEL			PHENOL		
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
SOUTH HEIGHTS	15.2	12	900	420	12	1.1	.1	12	30	<20	31	43	<2
EAST LIVERPOOL	40.2	12	800	200	12	.5	<.1	12	22	<20	31	19	<2
PIKE ISLAND	84.2	12	1400	160	11	5.5	.1	12	40	12	32	32	<2
SHADYSIDE	102.4	12	780	180	12	1.7	.1	12	20	16	33	24	<2
HANNIBAL L D	126.4	12	3400	60	12	.5	.1	12	<20	14	32	17	<2
WILLOW ISLAND	161.8	12	560	40	12	.7	.1	12	<20	16	31	11	<2
BELLEVILLE	203.9	12	2400	60	12	.7	.1	12	<20	16	29	18	<2
ADDISON	260.0	13	1000	160	13	<.5	<.1	13	30	12	24	16	<2
GALLIPOLIS	279.2	13	1040	60	13	<.5	<.1	13	30	12	24	28	<2
HUNTINGTON	306.9	12	1860	80	12	.5	<.1	12	30	<20	23	50	<2
KENOVA	315.8	11	1400	80	11	<.5	<.1	11	30	18	23	29	<2
GREENUP	341.0	12	1720	40	12	<.5	<.1	12	30	10	23	14	<2
MELDAHL	436.2	10	400	80	10	<.5	<.1	10	40	14	21	54	<2
CINCINNATI	462.8	12	580	20	13	<.5	<.1	12	<20	10	24	68	<2
NORTH BEND	490.0	12	1660	80	12	<.5	<.1	12	30	12	25	47	<2
MARKLAND	531.5	12	880	60	12	<.5	<.1	12	30	12	24	75	<2
LOUISVILLE	600.6	11	580	30	12	<.5	.1	9	<100	<20	23	8	<2
WEST POINT	625.9	11	1840	140	12	1.0	.1	9	<100	<20	23	11	<2
CANNELTON	720.7	10	380	30	12	6.0	.1	10	100	<20	27	9	<2
EVANSVILLE	791.5	10	780	100	11	1.2	.1	9	<100	<20	22	11	<2
UNIONTOWN	846.0	10	420	30	17	8.8	<.1	10	<100	<20	25	9	<2
JUPPA	951.3	10	450	120	12	<.5	.1	10	<100	<20	25	9	<2

TABLE A53 SUMMARY OF 1978 TRACE METALS AND CHEMICALS
OHIO RIVER MAIN STEM

RESULTS IN MICROGRAMS PER LITER

		SELENIUM			SILVER			ZINC		
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
SOUTH HEIGHTS	15.2	4	<10	<5	4	<1	<1	12	260	30
EAST LIVERPOOL	40.2	4	<10	<5	4	<1	<1	12	120	20
PIKE ISLAND	84.2	4	<10	<5	4	<1	<1	12	530	10
SHADYSIDE	102.4	4	<10	<5	4	<1	<1	12	280	30
HANNIBAL L D	126.4	4	<10	<5	4	<1	<1	12	130	20
WILLOW ISLAND	161.6	4	<10	<5	4	<1	<1	12	70	10
BELLEVILLE	203.9	4	<10	<5	4	<1	<1	12	160	10
ADDISON	260.0	5	<10	<5	5	1	<1	13	180	10
GALLIPOLIS	279.2	5	<10	<5	5	<1	<1	13	110	<10
HUNTINGTON	306.9	4	<10	<5	4	<1	<1	12	170	10
KENOVA	315.8	3	<5	<5	3	<1	<1	11	260	20
GREENUP	341.0	4	<10	<5	4	<1	<1	12	230	<10
MELDAHL	436.2	4	<10	<5	4	<1	<1	11	80	<10
CINCINNATI	462.8	4	<10	<5	4	<1	<1	13	110	<10
NORTH BEND	490.0	4	<10	<5	4	<1	<1	12	160	<10
MARKLAND	531.5	4	<10	<5	4	<1	<1	12	90	<10
LOUISVILLE	600.6	4	<5	<5	4	<30	<1	12	100	20
WEST POINT	625.9	4	<5	<5	4	<30	<1	12	1540	40
CANNELTON	720.7	4	<5	<5	4	<30	<1	12	120	20
EVANSVILLE	791.5	4	<5	<5	4	<30	<1	11	250	20
UNIONTOWN	846.0	4	<5	<5	4	<30	<1	18	90	<10
JOPPA	951.3	4	<5	<5	4	<30	<1	12	850	<10

TABLE A54 SUMMARY OF 1979 TRA METALS AND CHEMICALS
OHIO RIVER MAIN STEM

RESULTS IN MICROGRAMS PER LITER

		ARSENIC			BARIUM			CADMIUM			CHROMIUM		
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
SOUTH HEIGHTS	15.2	4	16.0	<5.0	1	<200	<200	8	29	<1	4	8	<4
EAST LIVERPOOL	40.2	3	<10.0	<5.0	2	<200	100	8	2	<1	4	32	<4
PIKE ISLAND	84.2	4	<10.0	<5.0	4	<200	100	8	2	<1	4	54	<4
SHADYSIDE	102.4	4	<10.0	<5.0	4	<200	100	8	4	<1	4	4	<4
HANNIBAL L D	126.4	4	<10.0	<5.0	4	<200	100	8	9	<1	4	<4	<4
WILLOW ISLAND	161.8	4	<10.0	<5.0	5	<200	<100	10	2	<1	5	6	<4
BELLEVILLE	203.9	4	11.0	<5.0	5	<200	100	10	10	<1	5	12	4
ADDISON	260.0	3	<10.0	<5.0	5	<200	<100	10	8	<1	5	12	4
GALLIPOLIS	279.2	3	<10.0	<5.0	5	<200	100	9	3	<1	4	8	<4
HUNTINGTON	306.9	3	<10.0	<5.0	4	<200	100	9	2	<1	4	24	<4
KENOVA	315.8	4	<10.0	<5.0	5	<200	<100	9	6	<1	5	16	<4
GREENUP	341.0	3	<10.0	<5.0	5	<200	<100	10	3	1	4	12	4
MELDAHL	436.2	4	<10.0	<5.0	3	<200	100	11	3	<1	4	8	4
CINCINNATI	462.8	4	<10.0	<5.0	3	<200	100	10	2	<1	4	8	<4
NORTH BEND	490.0	4	<10.0	<5.0	4	<200	<100	12	5	<1	4	16	7
MARKLAND	531.5	4	<10.0	<5.0	4	<200	<100	12	16	<1	4	16	4
LOUISVILLE	600.6	4	<10.0	<5.0	4	<200	100	11	10	<1	5	12	2
WEST POINT	625.9	4	<10.0	<5.0	4	<200	100	12	5	1	4	20	4
CANNELTON	720.7	4	<10.0	<5.0	4	200	<100	12	28	<1	6	16	<4
EVANSVILLE	791.5	4	<10.0	6.1	3	<200	<200	12	13	<1	5	18	4
UNIONTOWN	846.0	4	<10.0	<5.0	4	<200	100	12	10	<1	5	8	<4
JUPPA	951.3	4	<10.0	<5.0	4	<200	100	12	13	<1	4	8	<4

TABLE A54 SUMMARY OF 1979 TRACE METALS AND CHEMICALS
OHIO RIVER MAIN STEM

RESULTS IN MICROGRAMS PER LITER

		COPPER			CYANIDE			IRON			LEAD		
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
SOUTH HEIGHTS	15.2	12	24	8	35	30	<10	12	4800	650	12	22	<10
EAST LIVERPOOL	40.2	12	40	8	36	50	<10	12	13500	350	12	50	10
PIKE ISLAND	84.2	12	38	8	33	40	<10	12	12000	450	12	30	<10
SHADYSIDE	102.4	12	318	4	34	40	<10	12	6000	350	12	30	<10
HANNIBAL L D	126.4	12	92	8	33	30	<10	12	4250	450	12	20	<10
WILLOW ISLAND	161.8	12	42	10	31	30	<10	12	10500	420	12	40	<10
BELLEVILLE	203.9	12	60	6	12	20	<10	12	7980	540	12	32	<10
ADDISON	260.0	12	424	26	12	<10	<10	12	6000	1020	12	28	<10
GALLIPOLIS	279.2	12	62	10	12	<10	<10	12	7580	700	12	30	<10
HUNTINGTON	306.9	11	134	36	10	<10	<10	11	10000	510	11	35	<10
KENOVA	315.8	10	110	16	10	<10	<10	10	5500	800	10	80	<10
GREENUP	341.0	12	150	6	12	<20	<10	12	5500	550	12	30	<10
MELDAHL	436.2	12	16	2	12	<10	<10	12	6000	610	12	44	<10
CINCINNATI	462.8	12	1160	10	12	<10	<10	12	7000	1060	12	28	<10
NORTH BEND	490.0	12	36	6	12	<10	<10	12	7000	860	12	40	<10
MARKLAND	531.5	12	18	4	12	<10	<10	12	6500	720	12	300	10
LOUISVILLE	600.6	12	340	4	12	<10	<10	12	6000	550	12	220	8
WEST POINT	625.9	12	28	6	12	<10	<10	12	11500	1010	12	70	20
CANNELTON	720.7	12	160	4	12	<10	<10	12	7500	610	12	410	<10
EVANSVILLE	791.5	12	80	8	12	<10	<10	12	29600	2150	12	180	10
UNIONTOWN	846.0	12	38	6	12	<10	<10	12	14000	750	11	80	10
JOPPA	951.3	12	70	4	11	<10	<10	12	8000	1520	12	210	<10

TABLE A54 SUMMARY OF 1979 TRACE METALS AND CHEMICALS
OHIO RIVER MAIN STEM

RESULTS IN MICROGRAMS PER LITER

		MANGANESE			MERCURY			NICKEL			PHENOL		
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
SOUTH HEIGHTS	15.2	4	580	310	12	.3	<.1	4	30	<20	35	31	2
EAST LIVERPOOL	40.2	4	1260	260	12	.3	<.1	4	24	<20	36	20	<2
PIKE ISLAND	84.2	4	560	100	12	.2	<.1	4	<20	<10	33	11	<2
SHADYSIDE	102.4	4	520	100	12	.3	<.1	4	<20	<10	34	11	<2
HANNIBAL L D	126.4	4	370	220	12	.4	<.1	4	<20	<10	33	11	<2
WILLOW ISLAND	161.8	4	660	70	12	1.5	<.1	4	<20	10	31	30	<2
BELLEVILLE	203.9	4	700	80	12	3.0	<.1	4	20	<20	12	7	<2
ADDISON	260.0	4	500	150	12	3.2	<.1	4	24	20	12	80	2
GALLIPOLIS	279.2	4	620	70	12	3.4	<.1	4	20	<20	12	41	<2
HUNTINGTON	306.9	4	780	160	11	.3	<.1	4	30	<20	11	11	<2
KENOVA	315.8	5	500	150	10	3.5	<.1	5	40	<10	10	18	2
GREENUP	341.0	4	400	120	12	2.3	<.1	4	<20	<10	12	13	<2
MELDAHL	436.2	4	420	60	12	.3	<.1	4	<20	<10	12	28	2
CINCINNATI	462.8	4	540	180	12	.3	<.1	4	<20	10	12	6	<2
NORTH BEND	490.0	4	400	140	12	.4	<.1	4	30	<10	12	6	<2
MARKLAND	531.5	4	360	90	12	.5	<.1	4	30	<10	12	4	<2
LOUISVILLE	600.6	4	240	120	12	1.0	<.1	4	<20	<10	12	5	<2
WEST POINT	625.9	4	800	240	12	.4	<.1	4	40	10	12	4	<2
CANNELTON	720.7	4	380	70	12	1.8	<.1	4	<20	10	12	3	<2
EVANSVILLE	791.5	4	740	240	12	.8	.1	4	24	<20	12	4	<2
UNIONTOWN	846.0	4	320	50	12	.7	<.1	4	<20	10	12	3	<2
JUPPA	951.3	4	420	140	12	1.0	<.1	4	<20	14	12	2	<2

TABLE A54 SUMMARY OF 1979 TRACE METALS AND CHEMICALS
OHIO RIVER MAIN STEM

RESULTS IN MICROGRAMS PER LITER

		SELENIUM			SILVER			ZINC		
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
SOUTH HEIGHTS	15.2	4	< 5	< 5	4	< 1	< 1	12	140	<10
EAST LIVERPOOL	40.2	4	< 5	< 5	4	< 1	< 1	12	220	<10
PIKE ISLAND	84.2	4	< 5	< 5	4	< 1	< 1	12	160	10
SHADYSIDE	102.4	4	< 5	< 5	4	< 1	< 1	12	100	10
HANNIBAL L D	126.4	4	< 5	< 5	4	< 1	< 1	12	80	20
WILLOW ISLAND	161.8	3	< 5	< 5	3	< 1	< 1	12	160	10
BELLEVILLE	203.9	3	< 5	< 5	3	< 1	< 1	12	120	20
ADDISON	260.0	3	< 5	< 5	3	< 1	< 1	12	330	40
GALLIPOLIS	279.2	3	< 5	< 5	3	< 1	< 1	12	1200	10
HUNTINGTON	306.9	3	< 5	< 5	3	< 1	< 1	11	110	10
KENOVA	315.8	4	< 5	< 5	4	< 2	< 1	10	70	20
GREENUP	341.0	3	< 5	< 5	3	< 1	< 1	12	70	20
MELDAHL	436.2	4	< 5	< 5	4	< 1	< 1	12	70	10
CINCINNATI	462.8	4	< 5	< 5	4	< 1	< 1	12	90	10
NORTH BEND	490.0	4	< 5	< 5	4	< 2	< 1	12	100	10
MARKLAND	531.5	4	< 5	< 5	4	< 2	< 1	12	90	10
LOUISVILLE	600.6	4	< 5	< 5	4	< 1	< 1	12	60	10
WEST POINT	625.9	4	< 5	< 5	4	< 1	< 1	12	350	20
CANNELTON	720.7	4	< 5	< 5	4	< 2	< 1	12	260	20
EVANSVILLE	791.5	4	< 10	< 5	5	70	< 1	11	420	20
UNIONTOWN	846.0	4	< 10	< 5	4	< 2	< 1	12	150	< 10
JUPPA	951.3	4	< 5	< 5	4	< 2	< 1	12	50	< 10

TABLE A55 SUMMARY OF 1978 TRACE METALS AND CHEMICALS
OHIO RIVER TRIBUTARIES

RESULTS IN MICROGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	ARSENIC			BARIUM			CADMIUM			CHROMIUM		
		SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
ALLEGHENY	0.0	4	<10.0	<10.0	13	<200	40	13	4	1	13	8	<4
MONONGAHELA	0.0	4	<10.0	<10.0	11	<200	30	11	3	1	11	12	<4
BEAVER	25.4	4	<10.0	<10.0	12	<200	30	12	4	1	12	90	<4
MUSKINGUM	172.2	4	<10.0	<10.0	12	<200	<10	12	6	1	12	<20	<4
KANAWHA	265.7	4	15.0	<10.0	12	<200	20	12	7	<1	12	8	<4
BIG SANDY	317.1	4	<10.0	<10.0	12	270	20	12	9	<1	12	27	<4
SCIOTO	356.5	3	<10.0	<10.0	11	<200	40	11	8	2	11	16	<4
LITTLE MIAMI	464.1	4	<10.0	<10.0	10	<200	50	10	7	1	10	8	<4
LICKING	470.3	4	<10.0	<10.0	11	<200	10	11	7	1	11	8	<4
GREAT MIAMI	491.1	4	<10.0	<10.0	11	200	20	11	4	<1	11	20	4
GREEN	784.7	5	<10.0	<10.0	10	<200	30	9	<5	2	9	<30	<4
WABASH	842.0	4	<10.0	<10.0	9	<200	<200	9	<5	3	9	<30	4
CUMBERLAND	920.4	4	<10.0	<10.0	10	<200	<200	10	6	1	10	<30	<4
TENNESSEE	934.5	3	<10.0	<10.0	8	<200	<200	8	<5	3	8	50	4

TABLE A55 SUMMARY OF 1978 TRACE METALS AND CHEMICALS
OHIO RIVER TRIBUTARIES

RESULTS IN MICROGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	COPPER			CYANIDE			IRON			LEAD		
		SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
ALLEGHENY	0.0	13	180	6	32	<10	<10	13	4100	300	13	30	10
MONONGAHELA	0.0	11	38	8	30	230	10	11	10000	550	11	40	20
BEAVER	25.4	12	64	8	32	90	<10	12	19000	750	12	130	15
MUSKINGUM	172.2	12	24	10	32	30	<10	12	5000	800	12	40	15
KANAWHA	265.7	12	86	4	23	<10	<10	12	6500	300	12	150	<10
BIG SANDY	317.1	12	820	6	24	<10	<10	12	31000	250	12	85	10
SCIOTO	356.5	11	158	10	20	<10	<10	11	11000	450	11	70	20
LITTLE MIAMI	464.1	11	48	8	19	<10	<10	11	2350	500	11	110	15
LICKING	470.3	12	38	5	23	<10	<10	12	14000	1100	12	80	10
GREAT MIAMI	491.1	11	46	6	24	60	<10	11	9000	500	11	75	20
GREEN	784.7	11	70	6	22	<10	<10	11	18000	90	15	50	7
WABASH	842.0	11	34	8	27	<20	<10	11	11600	500	11	30	<5
CUMBERLAND	920.4	12	70	8	26	<20	<10	12	3600	150	12	66	<5
TENNESSEE	934.5	10	40	8	24	<50	<10	10	2150	200	10	30	<5

TABLE A55 SUMMARY OF 1978 TRAC METALS AND CHEMICALS
OHIO RIVER TRIBUTARIES

RESULTS IN MICROGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	MANGANESE			MERCURY			NICKEL			PHENOL		
		SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
ALLEGHENY	0.0	13	920	480	13	.6	< .1	13	40	< 20	32	9	< 2
MONONGAHELA	0.0	11	1450	180	11	8.0	< .1	11	30	< 20	30	14	0
BEAVER	25.4	12	1100	180	12	.5	< .1	12	40	< 20	32	60	< 2
MUSKINGUM	172.2	12	620	180	12	< .5	< .1	12	20	< 20	32	20	< 2
KANAWHA	265.7	12	820	60	12	< .5	< .1	12	< 20	12	22	33	< 2
BIG SANDY	317.1	12	1300	60	12	.6	.1	12	50	< 20	24	30	< 2
SCIOTO	356.5	11	520	100	11	.4	< .1	11	30	14	20	21	< 2
LITTLE MIAMI	464.1	10	320	40	11	< .5	< .1	10	< 20	16	19	39	< 2
LICKING	470.3	11	760	80	12	< .5	< .1	11	24	< 20	23	81	< 2
GREAT MIAMI	491.1	11	280	60	11	< .5	< .1	11	22	< 20	24	28	< 2
GREEN	784.7	9	720	110	15	22.5	.1	9	< 100	< 20	21	4	< 2
WABASH	842.0	9	430	120	11	< .5	< .1	9	100	< 20	27	12	< 2
CUMBERLAND	920.4	10	110	40	12	< .5	.1	10	< 100	< 20	25	5	< 2
TENNESSEE	934.5	8	150	40	9	.6	.1	8	< 100	< 20	24	5	< 2

TABLE A55 SUMMARY OF 1978 TRACE METALS AND CHEMICALS
OHIO RIVER TRIBUTARIES

RESULTS IN MICROGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	SELENIUM			SILVER			ZINC		
		SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
ALLEGHENY	0.0	4	<10	<5	4	<1	<1	13	80	20
MONONGAHELA	0.0	4	<10	<5	4	<1	<1	11	180	40
BEAVER	25.4	4	<10	<5	4	<1	<1	12	650	30
MUSKINGUM	172.2	4	<10	<5	4	<1	<1	12	40	10
KANAWHA	265.7	4	<10	<5	4	<1	<1	12	300	<10
BIG SANDY	317.1	4	<10	<5	4	<1	<1	12	250	<10
SCIOTO	356.5	3	<5	<5	3	<1	<1	11	90	<10
LITTLE MIAMI	464.1	4	<10	<5	4	<1	<1	11	70	<10
LICKING	470.3	4	<10	<5	4	<1	<1	12	70	<10
GREAT MIAMI	491.1	4	<10	<5	4	<1	<1	11	170	30
GREEN	784.7	5	<10	<5	5	<30	<1	16	130	<10
WABASH	842.0	4	<5	<5	4	<30	<1	11	60	10
CUMBERLAND	920.4	4	<5	<5	4	<30	<1	12	50	<10
TENNESSEE	934.5	3	<5	<5	3	<30	<1	10	<30	<10

TABLE A56 SUMMARY OF 1979 TRACE METALS AND CHEMICALS
OHIO RIVER TRIBUTARIES

RESULTS IN MICROGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	ARSENIC			BARIUM			CADMIUM			CHROMIUM		
		SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
ALLEGHENY	0.0	4	<10.0	<5.0	2	<200	0	8	2	<1	4	28	<4
MONONGAHELA	0.0	4	<10.0	<5.0	1	<200	<200	8	4	<1	4	4	<4
BEAVER	25.4	4	11.0	6.1	1	<200	<200	8	7	1	4	24	<4
MUSKINGUM	172.2	4	<10.0	<5.0	1	<200	<200	10	6	<1	5	12	<4
KANAWHA	265.7	4	<10.0	6.0	2	<200	<100	9	2	<1	5	12	4
BIG SANDY	317.1	4	<10.0	.5	2	<200	100	8	1	<1	5	12	6
SCIOTO	356.5	3	<10.0	<5.0	2	<200	<200	10	6	2	4	6	4
LITTLE MIAMI	464.1	4	<10.0	<5.0	3	<200	100	11	2	<1	4	8	<4
LICKING	470.3	4	<10.0	<5.0	3	<200	100	12	2	<1	4	<4	<4
GREAT MIAMI	491.1	4	<10.0	<5.0	2	<200	<200	12	3	1	4	16	8
GREEN	784.7	4	<10.0	<5.0				12	7	<1	4	12	<4
WABASH	842.0	4	<10.0	9.1	3	<200	<200	12	34	<1	4	24	4
CUMBERLAND	920.4	4	<10.0	<5.0				12	14	<1	4	4	<4
TENNESSEE	934.5	3	<10.0	<5.0	1	<200	<200	12	14	<1	4	6	<4

TABLE A56 SUMMARY OF 1979 TRACE METALS AND CHEMICALS
OHIO RIVER TRIBUTARIES

RESULTS IN MICROGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	COPPER			CYANIDE			IRON			LEAD		
		SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
ALLEGHENY	0.0	12	32	4	35	< 10	< 10	12	11000	200	12	30	8
MONONGAHELA	0.0	12	60	6	34	90	< 10	12	9000	200	12	28	< 10
BEAVER	25.4	12	38	8	36	40	< 10	12	8500	650	12	50	< 10
MUSKINGUM	172.2	12	40	8	30	< 10	< 10	12	8000	900	12	258	10
KANAWHA	265.7	11	260	6	11	< 10	< 10	11	9220	500	11	44	< 10
BIG SANDY	317.1	10	58	10	10	< 10	< 10	10	21000	580	10	32	10
SCIOTO	356.5	12	70	10	12	40	< 10	12	4500	500	12	66	10
LITTLE MIAMI	464.1	12	16	2	12	< 10	< 10	12	4400	300	12	30	< 10
LICKING	470.3	12	< 10	2	11	< 10	< 10	12	5000	700	12	28	< 10
GREAT MIAMI	491.1	12	64	4	12	70	< 10	12	8000	250	12	70	10
GREEN	784.7	12	24	2	12	< 10	< 10	12	10500	1180	12	140	10
WABASH	842.0	12	98	8	12	< 10	< 10	12	21000	1550	12	520	< 10
CUMBERLAND	920.4	12	52	6	12	< 10	< 10	12	4200	460	12	120	< 10
TENNESSEE	934.5	12	10	4	12	< 10	< 10	12	1600	500	12	140	20

TABLE A56 SUMMARY OF 1979 TRACE METALS AND CHEMICALS
OHIO RIVER TRIBUTARIES

RESULTS IN MICROGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	MANGANESE			MERCURY			NICKEL			PHENOL		
		SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
ALLEGHENY	0.0	4	1040	380	12	.4	<.1	4	40	< 20	34	6	< 2
MONONGAHELA	0.0	4	560	240	19	.3	<.1	4	30	20	34	32	< 2
BEAVER	25.4	4	560	230	12	.3	<.1	4	20	14	36	14	< 2
MUSKINGUM	172.2	4	540	240	12	1.3	<.1	5	50	12	30	16	< 2
KANAWHA	265.7	5	660	110	11	3.0	<.1	4	20	< 20	11	58	< 2
BIG SANDY	317.1	4	740	260	10	1.4	<.1	4	36	< 20	10	5	< 2
SCIOTO	356.5	4	140	80	12	2.7	<.1	4	20	10	12	17	2
LITTLE MIAMI	464.1	4	190	60	12	<.1	<.1	4	<20	< 10	12	45	2
LICKING	470.3	4	250	90	12	<.2	<.1	4	<20	< 10	12	24	2
GREAT MIAMI	491.1	4	300	40	12	.5	<.1	4	20	10	12	10	< 2
GREEN	784.7	4	440	140	12	.5	<.1	4	<20	< 10	12	< 2	< 2
WABASH	842.0	4	420	200	12	9.2	.1	4	<20	11	12	9	< 2
CUMBERLAND	920.4	4	180	40	12	.7	<.1	4	<20	< 10	12	3	< 2
TENNESSEE	934.5	4	80	40	12	1.1	<.1	4	<20	< 10	12	< 2	< 2

TABLE A56 SUMMARY OF 1979 TRACE METALS AND CHEMICALS
OHIO RIVER TRIBUTARIES

RESULTS IN MICROGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	SELENIUM			SILVER			ZINC		
		SAMPLES	MAX	MIN	SAMPLES	MAX	MIN	SAMPLES	MAX	MIN
ALLEGHENY	0.0	4	<5	<5	4	<1	<1	12	140	<10
MONONGAHELA	0.0	4	<5	<5	4	<1	<1	12	100	40
BEAVER	25.4	4	<5	<5	4	<1	<1	12	240	30
MUSKINGUM	172.2	3	<5	<5	3	<1	<1	12	140	10
KANAWHA	265.7	3	<5	<5	3	<1	<1	11	90	<10
BIG SANDY	317.1	3	<5	<5	3	<2	<1	10	200	<10
SCIOTO	356.5	3	<5	<5	3	<1	<1	12	60	20
LITTLE MIAMI	464.1	4	<5	<5	4	<1	<1	12	50	<10
LICKING	470.3	4	<5	<5	4	<1	<1	12	40	<10
GREAT MIAMI	491.1	4	<5	<5	4	<2	<1	12	90	10
GREEN	784.7	4	<10	<5	4	<2	<1	12	260	<10
WABASH	842.0	4	<10	<5	4	<1	<1	12	110	10
CUMBERLAND	920.4	4	<5	<5	4	<2	<1	11	50	10
TENNESSEE	934.5	4	<5	<5	4	<2	<1	12	50	<10

TABLE A57 SUMMARY OF 1978 DISSOLVED MINERAL CONSTITUENTS
OHIO RIVER MAIN STEM

RESULTS IN MILLIGRAMS PER LITER

		DISSOLVED SOLIDS				SODIUM				SULFATE			
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
SOUTH HEIGHTS	15.2					12	32.0	11.0	20.6	26	158	56	96
EAST LIVERPOOL	40.2					12	29.0	8.0	19.9	27	140	45	89
PIKE ISLAND	84.2					12	30.0	12.0	22.0	27	152	15	102
SHADYSIDE	102.4					12	30.0	12.0	21.4	28	160	59	105
HANNIBAL L D	126.4	1	208	208	208	12	39.0	11.0	20.4	29	188	39	96
WILLOW ISLAND	161.8					12	37.0	10.0	21.2	27	170	12	89
BELLEVILLE	203.9					12	33.0	10.0	21.6	29	156	56	91
ADDISON	260.0					12	35.0	13.0	21.2	24	154	36	86
GALLIPOLIS	279.2					13	37.0	9.0	20.5	24	130	<10	67
HUNTINGTON	306.9					12	30.0	10.0	20.2	23	112	0	75
KENOVA	315.8	5	300	180	233	11	38.0	7.0	19.9	23	145	42	79
GREENUP	341.0	5	332	160	253	12	33.0	7.0	19.0	23	126	40	74
MELDAHL	436.2	3	330	238	269	10	31.0	10.0	18.7	21	130	33	73
CINCINNATI	462.8					11	32.0	10.0	18.3	24	130	36	74
NORTH BEND	490.0	1	154	154	154	12	27.0	10.0	18.1	25	104	44	70
MARKLAND	531.5					12	29.0	9.0	17.6	24	129	24	69
LOUISVILLE	600.6	2	354	17	186	11	30.0	9.0	16.2	23	730	48	104
WEST POINT	625.9	2	360	37	199	11	31.0	10.0	17.2	22	130	42	78
CANNELTON	720.7	2	333	10	172	9	32.0	9.0	18.0	27	113	42	71
EVANSVILLE	791.5	1	307	307	307	9	30.0	12.0	18.3	22	730	46	107
UNIONTOWN	846.0	3	294	246	269	6	21.0	11.0	15.8	26	108	39	77
JOPPA	951.3	2	192	178	185	10	19.0	9.0	14.2	26	106	32	66

TABLE A58 SUMMARY OF 1979 DISSOLVED MINERAL CONSTITUENTS
OHIO RIVER MAIN STEM

RESULTS IN MILLIGRAMS PER LITER

		DISSOLVED SOLIDS				SODIUM				SULFATE			
LOCATION	MILEPOINT	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
SOUTH HEIGHTS	15.2					1	9.0	9.0	9.0	12	180	42	94
EAST LIVERPOOL	40.2					2	16.0	10.0	13.0	12	158	50	78
PIKE ISLAND	84.2					4	27.0	12.0	17.7	12	188	52	93
SHADYSIDE	102.4					4	27.0	10.0	17.0	12	188	48	91
HANNIBAL L D	126.4					4	34.0	10.0	18.5	12	175	48	89
WILLOW ISLAND	161.8					5	38.0	9.0	22.0	12	172	50	86
BELLEVILLE	203.9					5	29.0	10.0	18.2	12	118	62	88
ADDISON	260.0					4	31.0	13.0	22.0	12	130	40	85
GALLIPOLIS	279.2					5	27.0	13.0	18.4	12	142	45	74
HUNTINGTON	306.9					4	23.0	9.0	13.7	11	100	45	68
KENOVA	315.8					5	24.0	10.0	17.4	10	132	50	79
GREENUP	341.0					5	25.0	10.0	17.6	11	85	40	60
MELDAHL	436.2	1	182	182	182	2	13.0	11.0	12.0	12	75	18	55
CINCINNATI	462.8					2	12.0	11.0	11.5	12	75	28	57
NORTH BEND	490.0					4	21.0	11.0	15.0	12	108	40	62
MARKLAND	531.5					4	16.0	11.0	12.7	12	90	28	54
LOUISVILLE	600.6					4	14.0	9.0	10.7	12	122	<10	66
WEST POINT	625.9					4	17.0	9.0	11.7	12	120	47	71
CANNELTON	720.7					4	12.0	8.0	9.7	12	117	48	64
EVANSVILLE	791.5					3	15.0	9.0	12.0	12	83	51	64
UNIONTOWN	846.0					4	14.0	10.0	11.5	12	149	47	71
JUPPA	951.3					4	16.0	9.0	11.5	10	81	42	61

TABLE A59 SUMMARY OF 1978 DISSOLVED MINERAL CONSTITUENTS
OHIO RIVER TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	DISSOLVED SOLIDS				SODIUM				SULFATE			
		SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG	SAMPLES	MAX	MIN	AVG
ALLEGHENY	0.0					13	20.0	10.0	14.9	27	142	44	85
MONONGAHELA	0.0					10	43.0	6.0	21.6	25	214	45	110
BEAVER	25.4					12	35.0	14.0	21.9	27	98	51	74
MUSKINGUM	172.2	26	544	192	353	12	57.0	12.0	28.8	29	162	54	104
KANAWHA	265.7	4	130	38	92	12	32.0	5.0	16.7	23	52	11	31
BIG SANDY	317.1	3	228	124	161	12	45.0	5.0	23.1	22	172	39	92
SCIOTO	356.5	17	436	166	321	11	38.0	8.0	21.5	20	122	32	64
LITTLE MIAMI	464.1	10	556	252	347	10	26.0	7.0	18.5	19	54	15	35
LICKING	470.3					11	23.0	3.0	6.4	22	39	< 6	22
GREAT MIAMI	491.1					11	30.0	14.0	22.9	24	159	15	60
GREEN	784.7	18	291	119	196	10	13.0	4.0	8.4	20	128	26	60
WABASH	842.0	17	415	216	306	8	25.0	10.0	16.4	27	102	19	60
CUMBERLAND	920.4	20	206	91	121	11	5.0	3.0	4.6	25	24	< 10	19
TENNESSEE	934.5	20	190	49	97	9	9.0	5.0	6.4	24	21	< 10	13

TABLE A59 SUMMARY OF 1978 DISSOLVED MINERAL CONSTITUENTS
OHIO RIVER TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	CALCIUM SAMPLES	CALCIUM MAX	CALCIUM MIN	CALCIUM AVG	MAGNESIUM SAMPLES	MAGNESIUM MAX	MAGNESIUM MIN	MAGNESIUM AVG
ALLEGHENY	0.0								
MONONGAHELA	0.0								
BEAVER	25.4								
MUSKINGUM	172.2	25	109.1	36.9	64.4	25	26.0	6.4	17.1
KANAWHA	265.7	18	32.0	12.2	18.8	18	23.1	1.6	7.3
BIG SANDY	317.1	21	77.1	14.4	32.7	21	18.4	5.6	12.7
SCIOTO	356.5	18	97.6	22.6	63.1	18	34.4	6.8	18.9
LITTLE MIAMI	464.1	16	99.0	50.6	74.2	15	25.8	7.4	16.9
LICKING	470.3	18	65.6	23.2	39.5	18	19.2	3.2	8.4
GREAT MIAMI	491.1	19	123.2	49.8	79.4	19	40.4	4.4	24.6
GREEN	784.7	19	55.2	25.0	43.0	19	17.0	7.0	10.0
WABASH	842.0	23	130.0	30.0	67.6	23	28.0	.0	19.9
CUMBERLAND	920.4	20	40.0	10.0	28.9	20	20.4	4.0	6.0
TENNESSEE	934.5	19	27.0	19.0	22.8	19	15.9	2.0	4.8

TABLE A60 SUMMARY OF 1979 DISSOLVED MINERAL CONSTITUENTS
OHIO RIVER TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	DISSOLVED SOLIDS SAMPLES	MAX	MIN	AVG	SODIUM SAMPLES	MAX	MIN	AVG	SULFATE SAMPLES	MAX	MIN	AVG
ALLEGHENY	0.0					2	9.0	2.0	5.5	12	130	<10	68
MONONGAHELA	0.0					1	10.0	10.0	10.0	12	188	65	112
BEAVER	25.4					1	15.0	15.0	15.0	12	98	38	65
MUSKINGUM	172.2					1	18.0	18.0	18.0	12	148	45	98
KANAWHA	265.7					2	16.0	5.0	10.5	12	60	10	27
BIG SANDY	317.1					1	8.0	8.0	8.0	10	150	48	86
SCIOTO	356.5					2	16.0	16.0	16.0	12	78	15	45
LITTLE MIAMI	464.1	1	428	428	428	2	11.0	9.0	10.0	12	48	< 10	27
LICKING	470.3					1	3.0	3.0	3.0	12	28	< 10	17
GREAT MIAMI	491.1					1	24.0	24.0	24.0	12	80	< 10	49
GREEN	784.7									12	96	34	53
WABASH	842.0					3	22.0	7.0	12.7	12	90	33	62
CUMBERLAND	920.4									12	39	< 10	17
TENNESSEE	934.5					1	7.0	7.0	7.0	12	77	< 10	20

TABLE A60 SUMMARY OF 1979 DISSOLVED MINERAL CONSTITUENTS
OHIO RIVER TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

TRIBUTARY	ENTERS OHIO AT MILEPOINT	CALCIUM SAMPLES	CALCIUM MAX	CALCIUM MIN	CALCIUM AVG	MAGNESIUM SAMPLES	MAGNESIUM MAX	MAGNESIUM MIN	MAGNESIUM AVG
ALLEGHENY	0.0					3	9.4	4.3	7.6
MONONGAHELA	0.0					3	13.6	10.3	12.3
BEAVER	25.4					3	10.8	7.4	9.2
MUSKINGUM	172.2					3	14.0	8.1	11.9
KANAWHA	265.7					3	17.8	4.3	9.1
BIG SANDY	317.1					3	10.7	<1.0	6.4
SCIOTO	356.5					2	23.0	6.3	14.6
LITTLE MIAMI	464.1	1	52.9	52.9	52.9	4	22.1	14.0	17.2
LICKING	470.3	1	32.6	32.6	32.6	3	19.9	4.4	10.2
GREAT MIAMI	491.1	1	93.6	93.6	93.6	4	38.4	14.3	25.8
GREEN	784.7	2	44.8	20.0	32.4	4	13.0	7.2	9.9
WABASH	842.0	2	79.0	76.5	77.7	4	21.1	2.7	13.2
CUMBERLAND	920.4	1	24.5	24.5	24.5	3	6.9	3.1	4.5
TENNESSEE	934.5	1	18.6	18.6	18.6	3	5.9	3.1	4.2

TABLE A61 ADDITIONAL 1978 DATA FROM WATER USERS NETWORK
OHIO RIVER AND TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

STATION		TOTAL HARDNESS SAMPLES	TOTAL HARDNESS MAX	TOTAL HARDNESS MIN	TOTAL HARDNESS AVG	NON CARBONATE HARDNESS SAMPLES	NON CARBONATE HARDNESS MAX	NON CARBONATE HARDNESS MIN	NON CARBONATE HARDNESS AVG	SULFATE SAMPLES	SULFATE MAX	SULFATE MIN	SULFATE AVG
MAIN STEM													
TORONTO	59.1	21	138	76	104	21	110	48	76				
STEUBENVILLE	65.3	361	168	74	117	361	131	49	86	52	120	55	92
YORKVILLE	83.5	100	196	110	151	100	158	81	118	100	223	67	128
WHEELING	86.9	364	190	72	134	364	156	56	104				
MOUNDSVILLE	111.6	299	220	74	131					23	188	52	102
NATRIUM	119.4	51	175	63	123	51	130	34	85	51	242	45	110
WILLOW ISLAND	161.6	18	200	110	160	18	159	74	117	18	192	115	151
PARKERSBURG	183.7	51	229	85	159	50	148	37	92	51	311	23	103
NEW HAVEN	241.6	44	180	88	130	42	128	44	86	48	172	43	113
ADDISON	260.0	239	231	80	140	235	178	42	93	51	194	61	106
HUNTINGTON	306.9	332	250	50	134	306	196	26	95	240	245	40	92
PORTSMOUTH	350.7	101	200	60	122	101	156	40	86	94	145	32	78
CINCINNATI	462.8	300	199	68	130	300	134	27	77	49	152	33	75
MIAMI FORT	490.0	238	217	0	128	211	160	0	79	83	245	35	85
MADISON	559.5	294	200	75	142	208	115	0	72	36	149	25	77
LOUISVILLE	600.6	353	206	86	140	346	122	20	68	5	94	59	78
EVANSVILLE	791.5	364	202	74	140	364	122	36	67	364	155	40	80
TRIBUTARIES													
ALLEGHENY AT WILKINSBURG		349	162	54	102	349	140	42	82	50	140	42	87
MONONGAHELA AT SOUTH PITTSBURG		365	225	61	120	365	186	46	99	52	245	29	121
BEAVER AT BEAVER FALLS		104	204	90	149	104	131	38	82	45	137	44	75
MUSKINGUM AT BEVERLY		299	350	115	239	296	244	57	141	38	240	72	128

TABLE A61 ADDITIONAL 1978 DATA FROM WATER USERS NETWORK
OHIO RIVER AND TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

STATION		ALKALINITY SAMPLES	ALKALINITY MAX	ALKALINITY MIN	ALKALINITY AVG	CHLORIDE SAMPLES	CHLORIDE MAX	CHLORIDE MIN	CHLORIDE AVG	FLUORIDE SAMPLES	FLUORIDE MAX	FLUORIDE MIN	FLUORIDE AVG
MAIN STEM													
TORONTO	59.1	104	38	14	28								
STEUBENVILLE	65.3	361	41	21	31	52	36	15	24				
YORKVILLE	83.5	100	44	23	33	100	51	11	22				
WHEELING	86.9	364	48	16	29	363	57	12	25	364	.7	.1	.3
MOUNDSVILLE	111.6					25	140	12	35				
NATRIUM	119.4	51	51	23	38	51	188	14	28				
WILLOW ISLAND	161.6	18	54	33	43	18	39	11	17				
PARKERSBURG	183.7	50	95	43	65	51	58	9	27				
NEW HAVEN	241.6	43	73	21	42	39	65	13	40				
ADDISON	260.0	235	66	26	47	234	66	14	32				
HUNTINGTON	306.9	338	63	19	43	352	60	10	30				
PORTSMOUTH	350.7	101	70	15	36	100	52	8	21				
CINCINNATI	462.8	300	78	36	52	300	57	8	24	302	.5	.1	.2
MIAMI FORT	490.0	214	103	3	50	94	116	0	26				
MADISON	559.5	208	138	25	69	290	78	10	31				
LOUISVILLE	600.6	347	100	50	72	15	28	9	18	334	.7	.1	.2
EVANSVILLE	791.5	364	99	30	73	364	50	11	27				
TRIBUTARIES													
ALLEGHENY AT WILKINS-BURG		349	37	7	19	49	30	11	17	363	.3	.1	.1
MONONGAHELA AT SOUTH PITTSBURG		365	42	6	20	206	40	8	16				
BEAVER AT BEAVER FALLS		365	85	38	67	104	69	24	40				
MUSKINGUM AT BEVERLY		297	148	50	97	300	140	21	61				

TABLE A61 ADDITIONAL 1978 DATA FROM WATER USERS NETWORK
OHIO RIVER AND TRIBUTARIES

RESULTS IN MICROGRAMS PER LITER

STATION		IRON SAMPLES	IRON MAX	IRON MIN	IRON AVG	MANGANESE SAMPLES	MANGANESE MAX	MANGANESE MIN	MANGANESE AVG
MAIN STEM									
TORONTO	59.1								
STEUBENVILLE	65.3					360	50	10	15
YORKVILLE	83.5								
WHEELING	86.9	364	530	38	118	364	873	57	120
MOUNDSVILLE	111.6	24	195	2	44				
NATRIUM	119.4								
WILLOW ISLAND	161.6								
PARKERSBURG	183.7	51	17	0	2	51	51	0	12
NEW HAVEN	241.6	44	440	40	169	46	237	0	63
ADDISON	260.0								
HUNTINGTON	306.9					236	82	4	19
PORTSMOUTH	350.7								
CINCINNATI	462.8								
MIAMI FORT	490.0								
MADISON	559.5								
LOUISVILLE	600.6	51	104	2	24	8	7	4	5
EVANSVILLE	791.5					363	224	6	67
TRIBUTARIES									
ALLEGHENY AT WILKINSBURG		69	486	16	128	364	97	32	50
MONONGAHELA AT SOUTH PITTSBURG									
BEAVER AT BEAVER FALLS									
MUSKINGUM AT BEVERLY		43	999	32	213	36	165	10	60

TABLE A01 ADDITIONAL 1976 DATA FROM WATER USERS NETWORK
OHIO RIVER AND TRIBUTARIES

RESULTS IN STANDARD UNITS

STATION		TURBIDITY SAMPLES	TURBIDITY MAX	TURBIDITY MIN	TURBIDITY AVG	THRESHOLD ODOR NUMBER SAMPLES	THRESHOLD ODOR NUMBER MAX	THRESHOLD ODOR NUMBER MIN	THRESHOLD ODOR NUMBER AVG
MAIN STEM									
TORONTO	59.1								
STEUBENVILLE	65.3	361	75	2	14				
YORKVILLE	83.5	100	200	10	33				
WHEELING	86.9	364	227	7	28				
MOUNDSVILLE	111.6								
NATRIUM	119.4	51	500	100	123	51	35	8	16
WILLOW ISLAND	161.6								
PARKERSBURG	183.7	51	412	7	66				
NEW HAVEN	241.6								
ADDISON	260.0	287	450	2	54				
HUNTINGTON	306.9	364	862	7	73	304	70	13	19
PORTSMOUTH	350.7	101	330	5	51	94	18	4	7
CINCINNATI	462.8	300	300	3	44	221	8	1	2
MIAMI FORT	490.0								
MADISON	559.5	181	880	4	151				
LOUISVILLE	600.6	365	410	3	45	356	16	1	6
EVANSVILLE	791.5	364	440	6	61	11	2	1	1
TRIBUTARIES									
ALLEGHENY AT WILKINSBURG		365	83	3	12	362	12	5	6
MONONGAHELA AT SOUTH PITTSBURG		365	324	4	21	362	200	1	6
BEAVER AT BEAVER FALLS		365	150	5	13	365	90	35	75
MUSKINGUM AT BEVERLY									

TABLE A62 ADDITIONAL 1979 DATA FROM WATER USERS NETWORK
OHIO RIVER AND TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

STATION		TOTAL HARDNESS SAMPLES	TOTAL HARDNESS MAX	TOTAL HARDNESS MIN	TOTAL HARDNESS AVG	NON CARBONATE HARDNESS SAMPLES	NON CARBONATE HARDNESS MAX	NON CARBONATE HARDNESS MIN	NON CARBONATE HARDNESS AVG	SULFATE SAMPLES	SULFATE MAX	SULFATE MIN	SULFATE AVG
MAIN STEM													
TORONTO	59.1												
STEUBENVILLE	65.3	364	195	75	113	364	166	50	79	53	115	77	102
YORKVILLE	83.5	104	208	112	144	104	166	74	110	104	269	93	133
WHEELING	86.9	364	206	70	128	364	171	53	97				
MOUNDSVILLE	111.6	303	240	61	125					24	160	72	109
NATRIUM	119.4	51	230	65	131	51	181	28	91	51	148	52	88
WILLOW ISLAND	161.6	12	216	110	160	12	166	74	113	12	231	115	166
PARKERSBURG	163.7	53	281	67	154	52	237	48	104	53	237	9	87
NEW HAVEN	241.6	49	330	64	138	46	288	32	96	50	184	17	96
ADDISON	260.0	224	210	90	140	222	146	48	91	50	162	62	98
HUNTINGTON	306.9	358	193	60	106	343	150	22	66	314	142	41	74
PORTSMOUTH	350.7	104	162	70	107	104	116	46	73	104	88	25	52
CINCINNATI	462.8	307	190	73	118	307	120	40	67	49	179	32	69
MIAMI FORT	490.0	215	445	62	135	213	342	0	75	155	125	45	84
MADISON	559.5	297	200	70	141	195	141	0	70	32	90	39	63
LOUISVILLE	600.6	347	202	70	131	345	108	22	58	10	74	33	51
EVANSVILLE	791.5	364	166	83	127	364	84	32	57	364	113	33	74
TRIBUTARIES													
ALLEGHENY AT WILKINSBURG		349	148	56	92	349	125	41	71	56	175	40	77
MONONGAHELA AT SOUTH PITTSBURG		365	221	68	121	365	201	51	100	36	250	67	130
BEAVER AT BEAVER FALLS		105	198	92	149	105	125	32	84	47	122	41	80
MUSKINGUM AT BEVERLY		294	318	97	215	297	205	37	122	42	176	60	119

TABLE A62 ADDITIONAL 1979 DATA FROM WATER USERS NETWORK
OHIO RIVER AND TRIBUTARIES

RESULTS IN MILLIGRAMS PER LITER

STATION		ALKALINITY SAMPLES	ALKALINITY MAX	ALKALINITY MIN	ALKALINITY AVG	CHLORIDE SAMPLES	CHLORIDE MAX	CHLORIDE MIN	CHLORIDE AVG	FLUORIDE SAMPLES	FLUORIDE MAX	FLUORIDE MIN	FLUORIDE AVG
MAIN STEM													
TORONTO	59.1												
STEUBENVILLE	65.3	364	44	17	33	53	35	18	25				
YORKVILLE	83.5	104	50	21	33	104	35	11	19				
WHEELING	86.9	364	44	14	30	363	40	15	24	364	.7	.1	.2
MOUNDSVILLE	111.6					24	70	5	23				
NATRIUM	119.4	51	51	23	39	51	37	14	24				
WILLOW ISLAND	161.6	12	52	36	46	12	36	11	20				
PARKERSBURG	183.7	52	79	27	49	53	50	9	22				
NEW HAVEN	241.6	46	65	23	42	49	52	13	26				
ADDISON	260.0	222	72	22	48	222	56	15	30				
HUNTINGTON	306.9	350	68	16	39	359	42	8	22				
PORTSMOUTH	350.7	104	58	14	33	104	37	3	18				
CINCINNATI	462.8	307	75	28	50	307	34	11	19	303	.5	.1	.2
MIAMI FORT	490.0	217	167	25	59	154	46	0	15				
MADISON	559.5	196	126	40	71	296	59	15	24				
LOUISVILLE	600.6	347	117	39	72	11	28	13	18	268	.3	.1	.1
EVANSVILLE	791.5	364	105	36	70	364	34	12	22				
TRIBUTARIES													
ALLEGHENY AT WILKINSBURG		349	37	6	21	56	27	9	16	363	.2	.0	.1
MONONGAHELA AT SOUTH PITTSBURG		365	37	3	21	42	43	5	15				
BEAVER AT BEAVER FALLS		365	88	38	65	105	102	20	42				
MUSKINGUM AT BEVERLY		298	130	32	32	[illegible]	100	16	45				

TABLE A62 ADDITIONAL 1979 DATA FROM WATER USERS NETWORK
OHIO RIVER AND TRIBUTARIES

RESULTS IN MICROGRAMS PER LITER

STATION		IRON SAMPLES	IRON MAX	IRON MIN	IRON AVG	MANGANESE SAMPLES	MANGANESE MAX	MANGANESE MIN	MANGANESE AVG
MAIN STEM									
TORONTO	59.1								
STEUBENVILLE	65.3					364	50	10	21
YORKVILLE	83.5								
WHEELING	86.9	364	611	23	112	364	911	12	109
MOUNDSVILLE	111.6	24	120	7	46				
NATRIUM	119.4								
WILLOW ISLAND	161.6								
PARKERSBURG	183.7	53	17	0	2	53	41	0	4
NEW HAVEN	241.6	44	970	6	186	49	145	8	57
ADDISON	260.0								
HUNTINGTON	306.9					308	88	0	27
PORTSMOUTH	350.7								
CINCINNATI	462.8								
MIAMI FORT	490.0								
MADISON	559.5								
LOUISVILLE	600.6	58	199	1	36	35	25	2	8
EVANSVILLE	791.5					364	256	15	80
TRIBUTARIES									
ALLEGHENY AT WILKINSBURG		57	860	17	155	363	85	15	41
MONONGAHELA AT SOUTH PITTSBURG									
BEAVER AT BEAVER FALLS									
MUSKINGUM AT BEVERLY		41	999	40	292	42	164	10	38

TABLE A62 ADDITIONAL 1979 DATA FROM WATER USERS NETWORK
OHIO RIVER AND TRIBUTARIES

RESULTS IN STANDARD UNITS

STATION		TURBIDITY SAMPLES	TURBIDITY MAX	TURBIDITY MIN	TURBIDITY AVG	THRESHOLD ODOR NUMBER SAMPLES	THRESHOLD ODOR NUMBER MAX	THRESHOLD ODOR NUMBER MIN	THRESHOLD ODOR NUMBER AVG
MAIN STEM									
TORONTO	59.1								
STEUBENVILLE	65.3	364	82	2	11				
YORKVILLE	83.5	104	280	9	27				
WHEELING	86.9	364	292	6	24				
MOUNDSVILLE	111.6								
NATRIUM	119.4	51	330	100	117	48	35	3	18
WILLOW ISLAND	161.6								
PARKERSBURG	183.7	53	540	7	80				
NEW HAVEN	241.6								
ADDISON	260.0	299	490	5	53				
HUNTINGTON	306.9	365	561	4	85	306	24	17	19
PORTSMOUTH	350.7	104	310	10	58	84	8	3	4
CINCINNATI	462.8	307	240	8	63	208	8	1	2
MIAMI FORT	490.0								
MADISON	559.5	187	900	17	202				
LOUISVILLE	600.6	363	296	6	54	356	24	1	8
EVANSVILLE	791.5	364	350	14	71	82	8	0	0
TRIBUTARIES8									
ALLEGHENY AT WILKINS-BURG		363	165	3	14	354	30	4	7
MONONGAHELA AT SOUTH PITTSBURG		365	178	4	13	362	35	1	7
BEAVER AT BEAVER FALLS		365	290	4	13	365	100	40	75
MUSK UM AT BEVERLY									

Table A-63: Summary of Radiological Sampling Results
Ohio River 1978-9

Results in picocuries per liter

Station	Date / ORSANCO Criteria	Gross Beta Cs-137 Dissolved	Gross Beta Cs-137 Suspended	Gross Beta Cs-137 Total	Gross Alpha Am-241 Dissolved	Gross Alpha Am-241 Suspended	Gross Alpha Am-241 Total	Tritium	Strontium 90
	ORSANCO Criteria			50			15	20,000	8
South Heights	4/ 6/78	15.0	2.0	17.0	0.0	0.0	0.0		--
	6/12/78	3.0	<2.0	3.0	<1.0	<1.0	<1.0		--
	11/21/78	4.0	<2.0	4.0	<1.0	<1.0	<1.0	778±1427	0.0
	2/12/79	<2.0	4.0	4.0	<1.0	<1.0	<1.0	438±1174	--
	5/17/79	--	--	<2.0	--	--	<1.0	--	--
	10/ 1/79	3.0	<2.0	3.0	<1.0	<1.0	<1.0	0	0.9
East Liverpool	4/ 6/78	0.0	5.0	5.0	0.0	0.0	0.0	--	--
	6/12/78	5.0	<2.0	5.0	<1.0	<1.0	<1.0	--	--
	11/21/78	8.0	<2.0	8.0	<1.0	<1.0	<1.0	182±1364	1.6
	2/12/79	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	276±1261	--
	5/17/79	--	--	<2.0	--	--	<1.0	--	--
	10/ 1/79	4.0	<2.0	4.0	<1.0	<1.0	<1.0	36	3.1
Wheeling	4/12/78	6.0	<2.0	6.0	<1.0	<1.0	<1.0	--	--
	6/12/78	<2.0	<2.0	2.0	<1.0	<1.0	<1.0	--	--
	11/21/78	7.0	<2.0	7.0	<1.0	<1.0	<1.0	251±1463	1.3
	2/15/79	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	419±1308	--
	5/21/79	--	--	<2.0	--	--	<1.0		
	10/ 1/79	3.0	<2.0	3.0	<1.0	<1.0	<1.0	0	1.0
Cincinnati	3/28/78	<2.0	19.0	19.0	<1.0	5.0	5.0	--	--
	4/24/78	5.0	<2.0	5.0	<1.0	<1.0	<1.0	620±1236	--
	2/16/79	<2.0	3.0	3.0	<1.0	<1.0	<1.0	104±1272	--
	5/10/79	--	--	<6.0	--	--	<1.0	--	--
	9/14/79	--	--	7.0	--	--	<1.0	0.0	1.4

Table A-63: Summary of Radiological Sampling Results (cont'd)
Ohio River 1978-9

Results in picocuries per liter

Station	Date	Gross Beta Cs-137 Dissolved	Gross Beta Cs-137 Suspended	Gross Beta Cs-137 Total	Gross Alpha Am-241 Dissolved	Gross Alpha Am-241 Suspended	Gross Alpha Am-241 Total	Tritium	Strontium 90
Louisville	4/24/78	<2.0	5.0	5.0	<1.0	2.0	2.0	--	--
	6/13/78	3.0	<2.0	3.0	<1.0	<1.0	<1.0	--	--
	9/27/78	--	--	<2.0	<1.0	<1.0	<1.0	1602±1191	--
	11/22/78	--	--	--	--	--	--	--	<1.0
	2/21/79	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	274±1176	--
	5/23/79	3.0	<2.0	<3.0	<1.0	<1.0	<1.0	--	--
	9/11/79	4.0	<2.0	4.0	<1.0	<1.0	<1.0	0.0	1.2
Evansville	4/19/78	<2.0	10.1	10.0	<1.0	<1.0	<1.0	--	--
	6/14/78	<2.0	41.0	41.0	<1.0	<1.0	<1.0	--	--
	9/28/78	--	--	<2.0	<1.0	<1.0	<1.0	525±1152	--
	11/27/78	--	--	--	--	--	--	--	<1.0
	2/22/79	<2.0	8.0	8.0	<1.0	<1.0	<1.0	125±1167	--
	5/25/79	3.0	<2.0	3.0	<1.0	<1.0	<1.0	--	--
	9/28/79	<2.0	4.0	4.0	<1.0	3.0	3.0	164	2.9

APPENDIX B

STREAM QUALITY CRITERIA AND MINIMUM CONDITIONS FOR THE MAIN STEM OF THE OHIO RIVER

MINIMUM CONDITIONS APPLICABLE TO ALL WATERS AT ALL PLACES AND AT ALL TIMES

STREAM QUALITY CRITERIA AND
MINIMUM CONDITIONS FOR THE MAIN STEM
OF THE OHIO RIVER*

MINIMUM CONDITIONS APPLICABLE TO
ALL WATERS AT ALL PLACES AND AT ALL TIMES

1. Free from substances attributable to municipal, industrial or other discharges, or agricultural and other land use practices that will settle to form putrescent or otherwise objectionable sludge deposits;

2. Free from floating debris, oil, scum and other floating materials attributable to municipal, industrial or other discharges, or agricultural and other land use practices in amounts sufficient to be unsightly or deleterious;

3. Free from materials attributable to municipal, industrial or other discharges, or agricultural and other land use practices producing color, odor or other conditions in such degree as to create a nuisance;

4. Free from substances attributable to municipal, industrial or other discharges, or agricultural and other land use practices in concentrations or combinations which are toxic or harmful to human, animal, plant or aquatic life.

Dissolved Oxygen: Concentration shall average at least 5.0 mg/l per calendar day and shall not be less than 4.0 mg/l at any time or any place outside the mixing zone.

Temperature: Maximum rise above natural temperature shall not exceed 5 deg. F; in addition the allowable maximum temperature during a month shall not exceed:

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*Adopted by the Ohio River Valley Water Sanitation Commission and recommended for adoption by the Compact States for the Main Stem of the Ohio River September 9, 1976, amended May 12, 1977 and September 9, 1977.

Month	Temperature deg. F	Month	Temperature deg. F
January	50	July	89
February	50	August	89
March	60	September	87
April	70	October	78
May	80	November	70
June	87	December	57

Water temperature shall not exceed the maximum limits in the above table during more than one percent of the hours in the 12-month period ending with any month; at no time shall the water temperature at such locations exceed the maximum limits in the table by more than 3 deg. F.

pH: No value below 6.0 nor above 9.0; high values due to photosynthetic activity may be tolerated.

Toxic Substances: Not to exceed one-tenth the 96-hour median tolerance limit; other limiting concentrations may be used when justified on the basis of available evidence and approved by the appropriate regulatory agency.

Bacteria:

Fecal coliform for primary recreation: Content (either MPN or MF count) shall not exceed 200/100 ml as a monthly geometric mean based on not less than five samples per month; nor exceed 400 per 100 ml in more than ten percent of all samples taken during month; these limits are applicable to waters designated for recreational use during the recreation season.

Fecal coliform for potable water supply: Fecal coliform content (either MPN or MF count) shall not exceed 2,000/100 ml as a monthly geometric mean based on not less than five samples per month.

Dissolved solids: Not to exceed 500 mg/l as a monthly average value, nor exceed 750 mg/l at any time. (Equivalent 25 deg. C specific conductance values are 800 and 1,200 micromhos/cm.)

Ammonia: The concentration of un-ionized ammonia (NH_3) shall not exceed 0.05 mg/l, un-ionized ammonia shall be determined for values for total ammonia-N, pH and temperature and the following equation:

Un-ionized ammonia = 1.3 (total ammonia-N)/[1 + $10^{(pk_a - ph)}$]
where pk_a = 0.0902 + 2730/(273.2 + T) and T = Temperature in degree C

Chemical constituents: not to exceed the following total concentration at any time (dissolved or filterable limits, where applicable, are identified):

Constituents	Concentration (mg/l) (1)
Arsenic	0.05
Barium	1.0
Cadmium	0.01
Chloride	250
Chromium (hexavalent)	0.05
Copper	0.1 x 96 hr. LC_{50}
Cyanide	0.025
Fluoride	1.0
Lead (filterable)	0.05
Nitrate-N + Nitrite-N	10
Nitrite-N	1.0
Phenol (phenolic materials)	0.01
Selenium	0.01
Silver	0.05
Sulfate	250
Zinc	0.01 x 96 hr. LC_{50}

Mercury

1. The total organism body burden of any aquatic species shall not exceed 0.5 microgram/gram as total mercury;
2. The total mercury concentration (unfiltered) in any water sample shall not exceed 0.2 micrograms/liter.

(1) except as noted

Polychlorinated biphenyls (PCB)

Total PCB shall not exceed 0.001 microgram per liter: however, when the level is less than the practical laboratory quantification level (currently 0.1 microgram per liter) a fish flesh body burden level in excess of 2 micrograms per gram shall be cause for concern and further investigation.

Radionuclides:

Gross total alpha particle activity (including radium-226 but excluding radon and uranium) shall not exceed 15 pCi/l and combined radium-226 and radium-228 shall not exceed 5 pCi/l; provided that specific determination of radium-226 and radium-228 are not required if dissolved gross particle activity does not exceed 5pCi/l.

The concentration of total gross beta particle activity shall not exceed 50 pCi/l; the concentration of tritum shall not exceed 20,000 pCi/l; the concentration of total Strontium-90 shall not exceed 8 pCi/l.

MIXING ZONE

A mixing zone is an area contiguous to a discharge where receiving water quality may neither meet all quality criteria nor requirements otherwise applicable to the receiving water. It is obvious that any time an effluent is added to a receiving waterway, where the effluent is poorer in quality, there will be a zone of mixing. The mixing zone should be considered as a place where wastes and water mix and not as a place where effluents are treated.

As appropriate, the regulatory agency will define the mixing zone in accordance with the following guidelines, provided, however, that no mixing zone shall be recognized for any wastewaters discharged without a valid permit.

a. The regulatory agency shall specify definable, numerical limits for mixing zones on a case-by-case basis, considering the linear distances from the point of discharge, surface areas involvement, or volume of receiving water within the defined zone.

b. Conditions within the mixing zone shall not be lethal to aquatic biota which may enter the zone.

c. The location of a mixing zone shall not interfere with spawning areas, nursery areas, fish migration routes, potable water supply intakes, or bathing areas.

APPENDIX 1

Recommended Stream Quality Criteria -- Toxic Substances

1. The purpose of establishing a stream standard for toxic substances is to provide values which can be applied to stream conditions to protect all designated stream uses;

2. The values are to be applied in the stream outside the mixing zone;

3. If values established on the basis of standard laboratory bioassay tests are exceeded as the result of a natural condition only, the naturally occurring values shall be the limiting stream concentration;

4. If synergistic effects can occur as the result of multiple toxicants in a discharge to the stream and naturally occurring levels of materials in the stream, the effects and limititations for the discharge will be established on a case-by-case basis using standard bioassay techniques for the effluent and receiving stream.

5. Where a known or suspected pollution problem exists from a substance which bioaccumulates and water column levels of the pollutant are below detectable limits, the fish flesh body burden levels shall be used as a monitoring technique to indicate the need for further action.

ORSANCO
4/1/77