



State of Ohio Environmental Protection Agency

Isolated Wetland Permits and 401 Water Quality Certifications in Ohio

State Fiscal Year 2009



Prepared by:
Division of Surface Water
401/Wetland Section

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This report describes isolated wetland permitting and 401 water quality certification activities and resulting mitigation for projects acted upon by Ohio EPA during the period beginning on July 1, 2008 and ending June 30, 2009 (end of the State Fiscal Year). This report is intended to satisfy the reporting requirements specified in Ohio Revised Code (ORC) 6111.025(C), which applies to the isolated wetlands only. In order to provide a more complete picture of the impacts generated by permitting activities in the state, information regarding individual 401 water quality certifications which address impacts to non-isolated waters, has been included.

Program Background

The Ohio EPA isolated wetland permitting program was legislatively created in response to a U.S. Supreme Court Decision in the case of Solid Waste Agency of Northern Cook County (SWANCC) v. United States Army Corps of Engineers (Corps) 531 U.S. 159 (January 9, 2001). In its decision, the U.S. Supreme Court ruled that the Corps did not have authority to regulate isolated wetlands under Section 404 of the Clean Water Act (CWA). Prior to that ruling, the Corps regulated activities in all streams and wetlands through the issuance of 404 permits.

Section 401 of the CWA requires applicants to obtain a 401 water quality certification from the State having jurisdiction over the water body in order to obtain a 404 permit. As a result of the SWANCC decision, activities in isolated wetlands could not be permitted in the state of Ohio because there would be no 404 permit to trigger a 401 water quality certification, and because there was no independent State permitting program to take its place. Emergency rules adopted in April 2001 established a State permitting mechanism; however, these rules were effective for only 90 days.

On July 17, 2001, House Bill 231 was signed into law by Governor Bob Taft. The bill establishes a permanent permitting process for isolated wetlands. The provisions of

this bill were incorporated in ORC 6111, more specifically, Sections 6111.02 through 6111.029.

The Corps retained all of its original authority to issue 404 permits for wetlands that are not considered isolated (jurisdictional wetlands), as well as other waters of the U.S.

When the Corps requires an individual 404 permit be issued, an individual 401 water quality certification is also required. The Corps can also utilize Nationwide Permits (NWP) to authorize impacts to waters of the U.S. The NWP issued by the Corps address 50 types of activities that range from boat ramp construction to surface coal mining activities. Ohio EPA certified, with conditions, 45 of those activities on July 6, 2007. These NWP are set to expire on March 12, 2012. The Corps was not able to provide data for inclusion in this year's report.

Permitting Program Description

Reviewers in the Division of Surface Water are responsible for the 401 water quality certifications that are required by the CWA and for the isolated wetland permits that are required by State law.

Program Staffing

As in previous years, the Division of Surface Water's table of organization has undergone some changes during this fiscal year.

At the start of SFY 2009, there were four positions located in three of Ohio EPA's District Offices: NEDO, NWDO and SWDO. During SFY 2009, a position Ohio EPA's Southwest District Office (SWDO) became vacant.

At the beginning of SFY 2009, the Division of Surface Water's Central Office table of organization contained eight staff level full time equivalents (FTEs), classified as Environmental Specialist 2 dedicated to reviewing 401 and isolated wetland permit applications. The positions included five general application reviewers, of which one position was vacant. One reviewer is funded by the Ohio Department of Transportation (ODOT) whose duties were limited to ODOT highway projects. Finally, there are two staff positions that are dedicated solely to the review of coal related applications which were vacant at the beginning of the year.

During this time period, the Ohio EPA has continued utilizing a three year federal grant to assist in the implementation of its wetland program. These additional funds allowed the Ohio EPA to fund a full time FTE and two college interns dedicated to improving our

mitigation monitoring. This grant also allowed Ohio EPA to participate in a multi-agency effort to update the wetland maps of the state.

In considering both Central Office and the District Offices, the total number of filled FTEs dedicated to 401 certification and Isolated Wetland application review during SFY 2009 was 11 FTEs at the start of the year and 13 FTEs by the end of the year.

Program Fees

Fees for the isolated wetland permitting program are contained in ORC 3745.113. These fees include an application fee of \$200 per application as well as a review fee of \$500 per acre of wetland impacted. The maximum review fee allowed by the code is \$5,000 per application. If the application is for activities that have previously taken place without first obtaining an isolated wetland permit, the review fee is doubled (up to \$10,000).

A complete description of the 401 Water Quality Certification (WQC) fees is contained in Ohio Revised Code Section (ORC) 3745.114. Three key provisions of the 401 Water Quality Certification fees are:

- 1) A person that applies for a Section 401 Water Quality Certification must pay an application fee of \$200 at the time of application.
- 2) In addition to the application fee, that person must pay the review fees in the table below, and
- 3) One half of the applicable review fees are due at the time of application. The remainder of the fee shall be paid at the time the Director takes an action on the application.

RESOURCE IMPACTED	REVIEW FEE
Wetland	\$500 per acre
Ephemeral Stream	\$5 per linear foot or \$200, whichever is greater
Intermittent Stream	\$10 per linear foot or \$200, whichever is greater
Perennial Stream	\$15 per linear foot or \$200, whichever is greater
Lake	\$3 per cubic yard of dredged or fill material

The total fee paid shall not exceed \$25,000 per application. If the applicant is a county, township, or municipal corporation in the state, the total fee paid shall not exceed \$5,000 per application. State government and the United States Army Corps of Engineers are not subject to the fees.

Program Budget

Funds for issuing 401 water quality certifications and isolated wetland permits in SFY 2009 came from a number of different sources. The various funding sources and the breakdown of SFY 2009 expenditures from those sources are summarized in the following table:

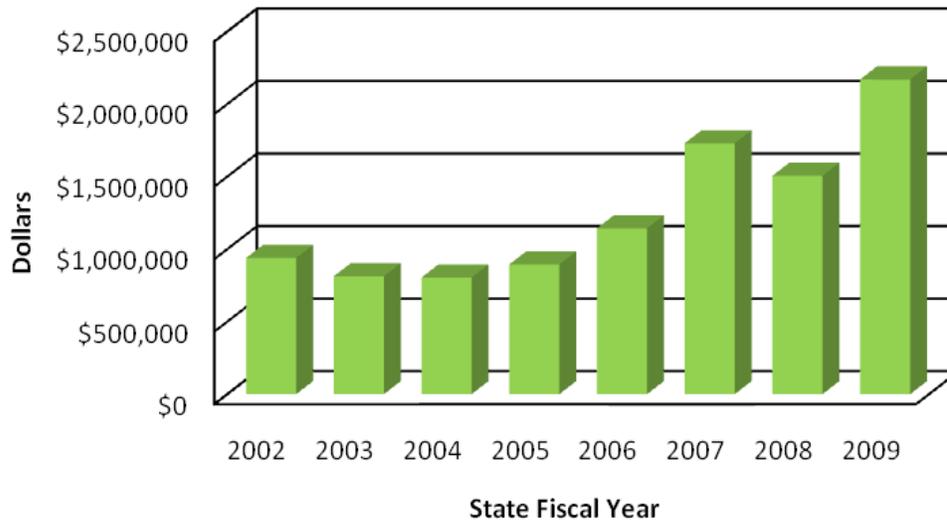
SOURCE OF FUNDING	AMOUNT	% of Total
Penalties	\$10,781.26	<1%
401 Certification Fees	\$555,556.00	26%
ODOT	\$92,626.36	4%
Isolated Wetland Permit Fees	\$29,809.48	1%
Surface Water Fees	\$241,409.10	11%
Environmental Protection Fees	\$869,103.36	40%
U.S. EPA Wetland Grants	\$368,484.12	17%
TOTAL EXPENDITURES	\$2,167,769.68	100%

This funding level represents a 44% increase over that observed in SFY 2008 (\$1,503,651).

Please note that the costs in the above table include all of the costs involved in the isolated wetland permit and 401 water quality certification processes. Other ancillary program costs included in this analysis of the total program budget include support from legal staff, enforcement staff, administrative staff and data management staff.

A summary of program costs since SFY 2002 is presented in the following graph.

Program Cost Trends



Applicants and Stakeholders

Applicants seeking 401 certifications and/or isolated wetland permits from Ohio EPA include, but are not limited to: residential, commercial and industrial developers; mining companies; county, state and federal agencies; utility companies; marina owners; and individual citizens. Stakeholders include the above applicants, as well as local, statewide and national citizen groups and environmental organizations.

Summary of Outputs

Isolated Wetland Permits

	Number permits issued	Acres of isolated wetlands filled	Acres of mitigation provided
General Permits	46	7.61	15.60
Individual Permits	11	20.99	42.10
Total	57	28.6	57.70

The information presented above represents an approximate 31% decrease in the number of Isolated Wetland Permits issued in SFY 2009 over that issued in SFY 2008

and a 30% decrease in the acres of impacts authorized during that time period. 1 Isolated Wetland Permit applications was withdrawn by the applicants during SFY 2009, bringing the total number of applications processed to 58.

Figure 1 contains a map of Ohio showing the spacial distribution of the isolated wetland permits issued during SFY 2009. Due to the map scale, multiple projects may show as a single marker on the map.

Table A lists each project acted upon with columns indicating the corresponding applicant name, date action was taken, acres filled, acres mitigated, permit type (level one, two, or three review), and the number of days to process each application. This table also provides the 8 digit hydrologic unit code (HUC) for the impacts and the mitigation associated with that impact. The total number of acres impacted in each of the HUCs by the isolated wetland permitting program is also provided in this table. Please note that if a project is listed in this table more than once, it is due to the fact that mitigation for the project occurred in more than one watershed.

Individual 401 Water Quality Certifications

401s issued	Acres of Jurisdictional Wetlands		Stream Impacts (linear feet)	Lake Impacts (cubic yards)
	filled	mitigation		
91	82.80	210.06	236057	2094539

The information presented above shows a 17% decrease in the number of 401 Water Quality Certifications issued in SFY 2009 as compared to SFY 2008. Wetland impacts showed a 49% decrease in the acres of impacts authorized during that same time period. Linear feet of stream impacted decreased approximately 12% and the amount of dredge and fill material impacting Ohio lakes decreased by 77%.

The total number of 401 Water Quality Certification applications process during SFY 2009 was 104, and is broken down into the following categories:

401 Applications Processed	104
401 Certifications Granted	91
Applications Withdrawn	9
Applications Waived	2
Applications Denied	2

Figure 2 contains a map of Ohio showing the spacial distribution of the 401 Water Quality Certifications issued during SFY 2009. Due to the map scale, multiple projects may show as a single marker on the map.

401 water quality certifications can be issued to address impacts to streams and lakes as well as those jurisdictional wetlands that fall under the authority of the CWA.

Table B lists each project with wetland impacts and includes columns indicating the corresponding applicant name, date action was taken, acres filled, acres mitigated, and the number of days required to process each application. This table also provides the 8 digit HUC for the impacts and the mitigation associated with that impact. The total number of acres impacted in each of the HUCs by the 401 water quality certification program is also provided in this table. Please note that if a project is listed in this table more than once, it is due to the fact that mitigation for the project occurred in more than one watershed

Table C lists each project with stream impacts and includes columns indicating the corresponding applicant name, date action was taken, linear feet of stream impacts certified, and the number of days required to process each application.

Table D lists each project with lake impacts and includes columns indicating the corresponding applicant name, date action was taken, cubic yards of dredge materials allowed under the certification, and the number of days required to process each application.

Table E lists each of the 8 digit HUC codes and its corresponding basin name in the state of Ohio. This table also summarizes, by HUC, the impacts and mitigation acreage on both jurisdictional and isolated wetlands.

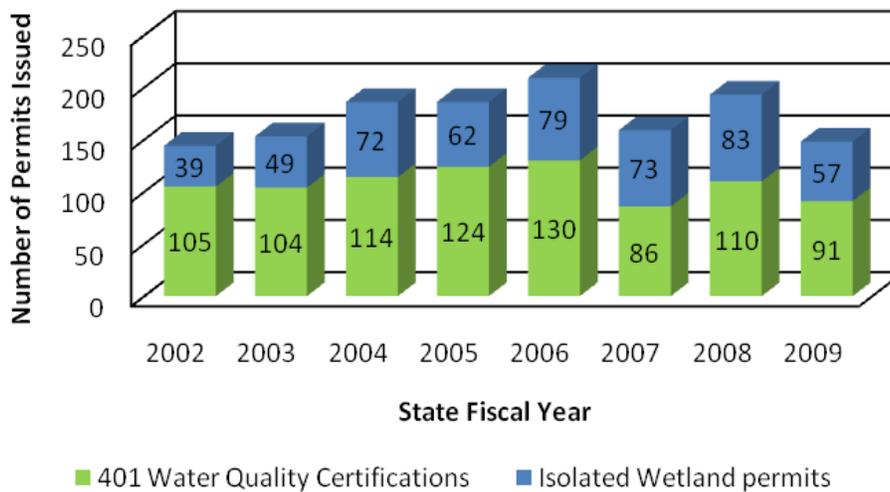
In reviewing the information contained in the tables, please note the following:

1. Adding the projects listed in Tables A, B, C and D will over-estimate the number of actions taken by Ohio EPA, since a single application may have impacts in more than one type of water body. The tables were generated to show the various types of impacts certified by Ohio EPA via individual 401 water quality certifications.
2. Tables C and D do not contain a summary of mitigation resulting from the certifications issued. Current tracking of stream and lake mitigation does not allow electronic manipulation of that data.

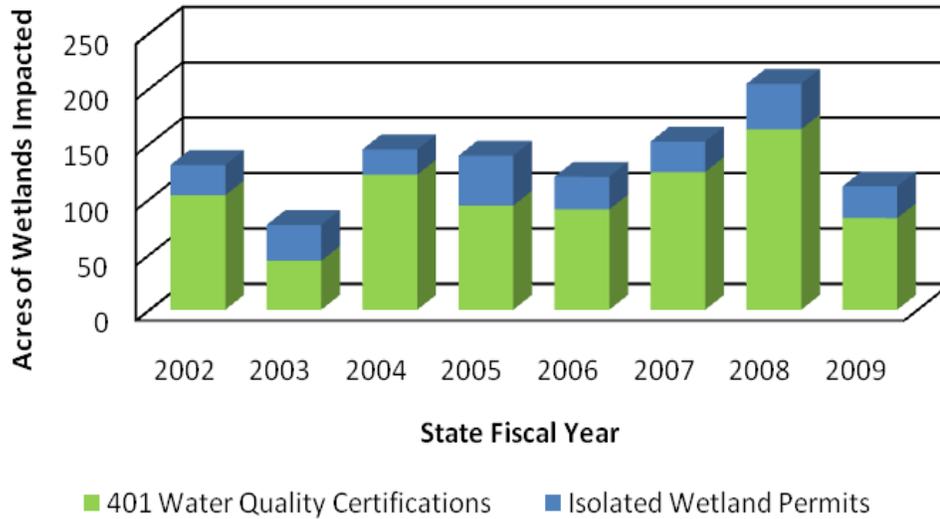
Permitting Trends

The following graphs show the trends in permit activity that have taken place since the Isolated Wetland Permits were created. Graph #1 shows the number of 401 Water Quality Certifications and Isolated Wetland permits issued during each fiscal year. Graph #2 shows the acres of wetland impacts authorized by the two programs. Graph #3 shows the linear feet of Ohio stream that had some type of authorized impacts and Graph #4 shows the cubic yards of material that was placed in Ohio lakes, mainly Lake Erie.

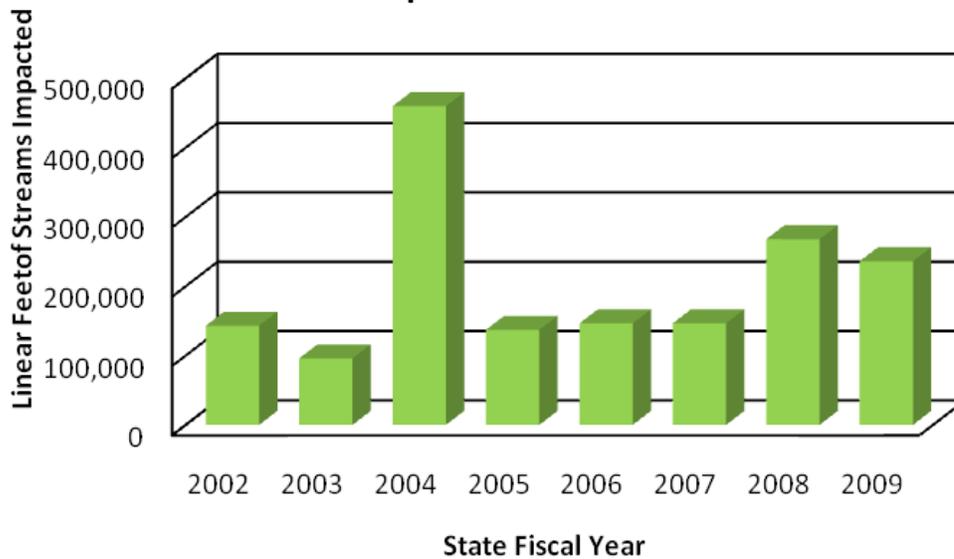
**Graph 1 - 401 WQC and Isolated Wetland Permits
- Number of Permits -**



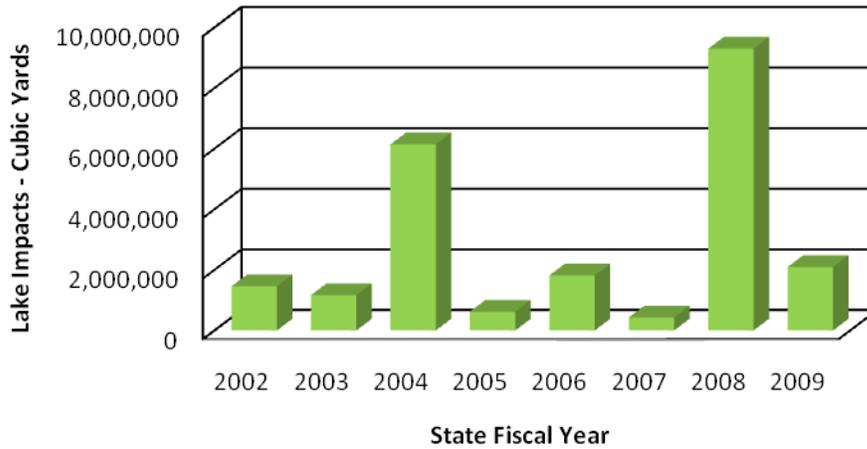
**Graph 2 - 401 WQC and Isolated Wetland Permits
- Wetland Acres Impacted-**



**Graph 3 - 401 WQC
Stream Impacts - Linear Feet**



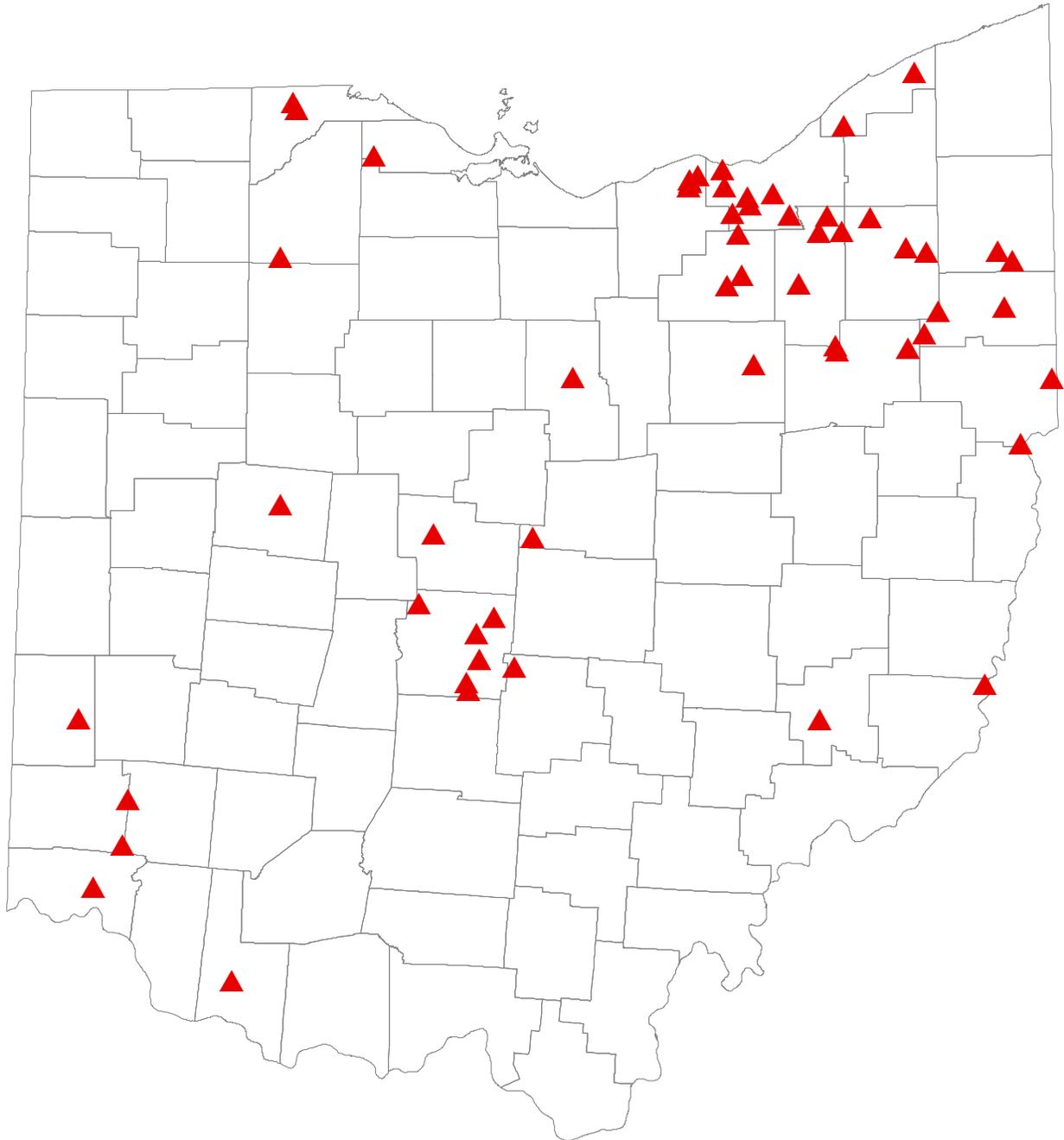
Graph 4 - 401 WQC
Lake Impacts - Cubic Yards



Questions regarding this report should be directed to Randy Bournique, Manager of the 401 Water Quality Certification Section, at (614) 644-2013 or via e-mail at:

randy.bournique@epa.state.oh.us.

Figure 1: Isolated Wetland Permits
Issued in State Fiscal Year 2009



Environmental
Protection Agency



Isolated Wetland Permit



County Boundary

Table A
Isolated Wetland Permits
Issued Between July 1, 2008 and June 30, 2009

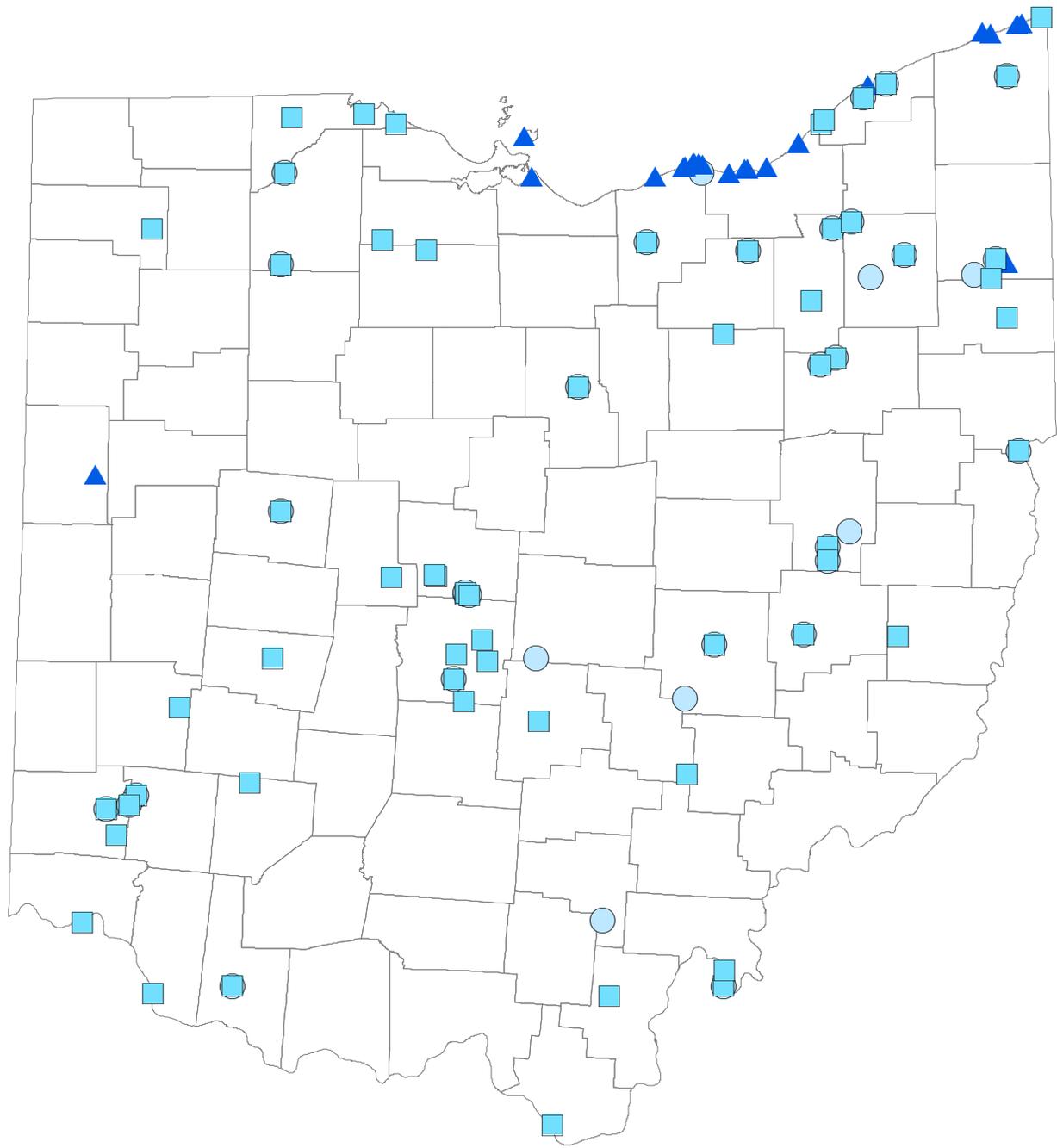
SWIMS ID	Applicant	Issue Date	Permit Type	Issue Time	Wetlands Impacted			Wetland Mitigation	
					Acres	Watershed	Total	Acres	Watershed
093490	JLJ Development, Inc	06/19/09	Level 1	28	0.22	04100001		0.44	04100010
083414	Hallmark Development	12/19/08	Level 2	84	0.64	04100001	0.86	1.6	04100010
093488	Shelly Company, The	03/26/09	Level 1	29	0.39	04100010		0.8	04100010
083407	Evansville Western Railway, Inc	04/15/09	Level 2	131	1.94	04100010	2.33	3.88	04100010
083465	Ruggerio Construction	01/20/09	Level 1	20	0.04	04110001		0.1	04110001
083360	Gamellia Construction	06/25/09	Level 1	30	0.22	04110001		0.56	04100010
093493	Signet Healthcare Medina	03/11/09	Level 1	6	0.07	04110001		0.2	04100010
083447	Fireside Builders	12/31/08	Level 1	28	0.11	04110001		0.3	04100011
093494	South Park Ltd & Central South. LLC	04/23/09	Level 1	23	0.32	04110001		0.63	04110001*
083399	Detroit Columbia Properties LLC	12/16/08	Level 1	6	0.07	04110001		0.3	04100011
083355	Omni Real Estate Company	09/17/08	Level 1	30	0.5	04110001		1	04100010
093514	Gamellia Construction	06/09/09	Level 1	19	0.09	04110001		0.2	04100010
083452	Harsax Properties	12/31/08	Level 1	20	0.09	04110001		0.18	04110001
093496	Labate, Augusto(Nick)	04/07/09	Level 1	26	0.04	04110001		0.1	04100010
083363	Oster Homes	07/10/08	Level 1	28	0.14	04110001	1.69	0.35	04110001
073196	RDR Development Group LLC	02/12/09	Level 1	30	0.04	04110002		0.1	04110004
083461	Glen Group, Inc	01/16/09	Level 1	28	0.04	04110002		0.1	04110001
083415	ODOT	09/09/08	Level 1	11	0.11	04110002		0.2	04110002
093484	Cleveland Metroparks	06/11/09	Level 1	30	0.04	04110002		0.09	04110002
083393	Fogg-Twinsburg LLC	02/13/09	Level 2	176	0.59	04110002	0.82	1.5	04110004
083374	S & E Brothers, LLC	02/13/09	Level 1	30	0.11	04110003		0.3	04110004
093475	Millennia Housing Development, Ltd.	04/29/09	Level 1	30	0.42	04110003	0.53	1	04100010
073221	Total Waste Logistics LLC	04/15/09	Level 1	0	0.16	05030101		0.24	05030101
083294	Ohio River Clean Fuels, LLC	07/21/08	Level 2	194	1.52	05030101	1.68	2.28	05030101
093501	Central Waste, Inc.	05/12/09	Level 1	14	0.07	05030103		0.44	05030103
073151	Eastwood Lands	09/29/08	Level 1	182	0.23	05030103		0.4	05030103
083302	Girard City Schools	09/12/08	Level 1	25	0.04	05030103		0.05	05030103
083389	Ohio Adjutant General's Department	08/24/08	Level 1	30	0.5	05030103		0.91	05030103
073205	MFL Properties LLC	09/24/08	Level 1	222	0.02	05030103		0.03	05030103
083309	MLM Real Estate LLC	02/20/09	Level 2	88	2.91	05030103		6.89	05030103*
083417	K.P.Z. Inc.	04/17/09	Level 3	100	3.1	05030103	6.87	12.4	05030103
093486	B & N Coal, Inc.	02/23/09	Level 1	27	0.04	05030201	0.04	0.1	05030201
093519	ODOT	05/29/09	Level 1	9	0.31	05030202	0.31	0.44	05030202
083403	Akron-Canton Regional Airport Authority	01/06/09	Level 1	26	0.08	05040001		0.18	05040001
083379	Granite Golf Properties Development Co.	07/15/08	Level 1	0	0.43	05040001		0.86	05040001
093518	Marrietta Coal Company	05/21/09	Level 1	0	0.1	05040001		0.15	05040001
083318	Haines & Company Inc	07/08/08	Level 1	96	0.34	05040001		0.31	05040001

Table A
Isolated Wetland Permits
Issued Between July 1, 2008 and June 30, 2009

SWIMS ID	Applicant	Issue Date	Permit Type	Issue Time	Wetlands Impacted			Wetland Mitigation	
					Acres	Watershed	Total	Acres	Watershed
083411	PCI Design Group	09/02/08	Level 1	8	0.04	05040001		0.1	05060001
083340	Akron, City of, Public Service Department	07/24/08	Level 1	24	0.24	05040001	1.23	0.48	05040001
083432	Ohio Air National Guard	05/01/09	Level 1	1	0.02	05040002	0.02	0.1	05060001
083306	Kno-Ho-Co Ashland Community Action Com.	08/06/08	Level 1	30	0.12	05040006	0.12	0.3	05060001
083395	Dublin, City of	08/06/08	Level 1	0	0.07	05060001		0.14	05060001
083470	Elim Estates Homes, LLC	02/24/09	Level 1	20	0.16	05060001		0.4	05060001
083384	LDK Land LLC	07/14/08	Level 1	0	0.13	05060001		0.4	05060001
083409	Columbus Regional Airport Authority	10/03/08	Level 1	29	0.04	05060001		0.1	05060001
083419	M/I Homes of Central Ohio	01/08/09	Level 1	29	0.46	05060001		1.2	05060001
083431	Hill and Commerce Drive, LLC	11/25/08	Level 1	22	0.06	05060001		0.2	05060001
073212	Shelly and Sands Inc	06/24/09	Level 2	132	1.24	05060001		0.3	05060001
083438	Columbus Regional Airport Authority	03/23/09	Level 2	118	2.88	05060001	5.04	4.32	05060001
073079	Allied Waste, Inc (Cherokee Run Landfill)	07/08/08	Level 1	503	0.08	05080001	0.08	0.12	05080001
083405	Rockies Express Pipeline, LLC	10/31/08	Level 1	88	0.31	05080002		0.5	05080002
083358	Chelsea Monroe Holdings LLC	07/24/08	Level 2	69	0.76	05080002	1.07	1.6	05060001
062654	Rumpke Waste	07/24/08	Level 2	778	1.92	05090201	1.92	3.84	05090201
083433	ODOT	10/22/08	Level 1	5	0.01	05090203		NA	05080002
083427	Techsolve, Incorporated	06/30/09	Level 1	21	0.49	05090203	0.5	0.5	05060001
073228	Rockies Express Pipeline LLC	02/24/09	Level 3	183	3.49	multiple	3.49	3.49	multiple

Total Acres Impacted	28.6
Total Acres Mitigated	57.7
Average Issue Time	70

Figure 2: Jurisdictional Wetland, Lake, and Stream Permits Issued in State Fiscal Year 2009



- Stream Permits
- ▲ Lake Permits
- Wetland Permits
- County Boundary

Table B
Jurisdictional Wetland Impacts
Issued Between July 1, 2008 and June 30, 2009

SWIMS ID	Applicant	Issue Date	Issue Time	Wetlands Impacted			Wetland Mitigation	
				Acres	Watershed	Total	Acres	Watershed
083312	303 Commons LLC	10/21/08	193	1.08	04110001	1.08	2.31	04110001*
073286	Bowling Green, City of	08/25/08	179	0.01	04100009	0.01	0.01	04100009
083408	Evansville Western Railway, Inc	04/15/09	131	0.21	04100010	0.21	0.42	04100010
062554	Deville Developments	01/22/09	701	1.13	04110001		2.30	04100012
073054	Saint James Woods, LLC	10/08/08	575	2.96	04110001	4.09	16.10	04100010
073095	Portage County Engineers	04/22/09	763	0.12	04110002		17.00	04110002
083339	Cleveland Clinic Foundation	05/12/09	363	1.30	04110002		1.40	04110004
093480	ODOT	03/11/09	55	0.86	04110002	2.28	1.34	04110002
083362	Lake Erie Shores Development	03/24/09	193	0.01	04110003		0.02	04110003
083387	ODOT	08/12/08	69	3.84	04110003	3.85	5.40	04110003
073124	Ashtabula County Airport Authority	12/19/08	314	14.80	04110004	14.80	30.06	04110004*
083293	Ohio River Clean Fuels, LLC	07/21/08	194	0.17	05030101	0.17	0.26	05030101
073149	Eastwood Lands	09/29/08	182	0.27	05030103		0.40	05030103
083366	Henn Development Inc.	03/23/09	259	2.34	05030103		7.50	05030103
073204	MFL Properties LLC	09/24/08	222	0.75	05030103	3.36	1.60	05030103
073145	American Municipal Power-Ohio Inc	01/13/09	462	1.01	05030202	1.01	1.77	05030202
083299	Haines & Co	07/08/08	96	3.46	05040001		5.20	05040001
073055	Penn Ohio Coal Co dba Kimble Clay & Limestone	08/15/08	526	2.24	05040001		3.36	05040001
073152	Oxford Mining Company	08/07/08	180	1.18	05040001		1.04	05040001
083341	Akron, City of, Public Service Department	01/13/09	197	6.88	05040001		14.00	05040001
062651	Timberidge Enterprises Ltd	06/08/09	794	3.32	05040001	17.08	7.91	05040001
073131	Gorman-Rupp Company	07/02/08	160	0.07	05040002	0.07	0.10	05060001
083446	ODOT	04/15/09	138	0.23	05040003	0.23	0.63	05040001
083406	Muskingum County Engineer's Office	11/18/08	71	0.11	05040004		1.00	05040004
093489	Roseville, Village of	04/22/09	72	0.27	05040004	0.38	10.00	05040004
083365	Columbia Gas Transmission	08/29/08	45	4.01	05040005	4.01	9.57	05040005
073084	Warner Farms LLC	03/11/09	733	5.66	05040006	5.66	17.00	05060001
062968	NP Limited Partnership	01/22/09	801	0.11	05060001		0.22	05060001
083443	ODOT	03/04/09	96	0.68	05060001		2.14	05060001
063009	NP Limited Partnership	01/22/09	730	0.68	05060001		1.40	05060001
083335	NP Limited Partnership	05/05/09	400	0.32	05060001	1.79	0.63	05060001
062912	Cherokee Run Landfill, Inc.	07/08/08	760	2.12	05080001	2.12	3.18	05080001
073161	Middletown Regional Hospital	09/29/08	410	0.50	05080002		0.75	05080002
083404	Rockies Express Pipeline, LLC	10/31/08	88	2.07	05080002	2.57	3.10	05080002
083325	Sands Hill Mining LLC	08/04/08	146	0.06	05090101	0.06	0.09	05090101

Table B
 Jurisdictional Wetland Impacts
 Issued Between July 1, 2008 and June 30, 2009

SWIMS ID	Applicant	Issue Date	Issue Time	Wetlands Impacted			Wetland Mitigation	
				Acres	Watershed	Total	Acres	Watershed
062635	Rumpke Waste Inc	07/24/08	729	8.70	05090201	8.70	13.70	05090201
073227	Rockies Express Pipeline LLC	02/24/09	183	9.27	multiple	9.27	27.15	multiple

Total Acres Impacted	82.80
Total Acres Mitigated	210.06
Average Issue Time	330

Table C
Jurisdictional Stream Impacts
Issued Between July 1, 2008 and June 30, 2009

SWIMS ID	Applicant	Issue Date	Issue Time (Days)	Linear Feet Impacted	Watershed	Linear Feet Mitigation
083319	Eagle Creek Builders	01/08/09	202	1460	04100001	1870
073286	Bowling Green, City of	08/25/08	179	185	04100009	100
083348	ODNR, Parks & Recreation	10/09/08	170	246	04100009	0
073270	Oregon, City of	04/10/09	235	5886	04100010	8766
083408	Evansville Western Railway, Inc	04/15/09	131	2471	04100010	2471
073263	Clyde, City of	08/25/08	187	5	04100011	5
083472	Lakota Local Schools	05/20/09	99	2897	04100011	3352
083312	303 Commons LLC	10/21/08	193	2376	04110001	3564
062554	Deville Developments	01/22/09	701	835	04110001	1253
083453	Akron, City of	06/29/09	131	762	04110002	120
083339	Cleveland Clinic Foundation	05/12/09	363	2888	04110002	4326
093480	ODOT	03/11/09	55	228	04110002	342
073217	Willowick, City of	02/13/09	370	285	04110003	600
083362	Lake Erie Shores Development	03/24/09	193	915	04110003	1279
073158	WAP Construction	02/20/09	323	700	04110003	580
083387	ODOT	08/12/08	69	3547	04110003	5321
073124	Ashtabula County Airport Authority	12/19/08	314	1276	04110004	2160
073233	Canadian National Railroad	09/03/08	124	360	04120101	NA
083466	ODOT	02/26/09	59	2834	04120200	4056
083293	Ohio River Clean Fuels, LLC	07/21/08	194	8155	05030101	13723
073176	Bruno, Michael	11/12/08	393	646	05030103	646
073149	Eastwood Lands	09/29/08	182	295	05030103	300
073244	S&L Land Development	01/13/09	158	668	05030103	668
073204	MFL Properties LLC	09/24/08	222	60	05030103	60
073145	American Municipal Power-Ohio Inc	01/13/09	462	14084	05030202	29049
083437	Meigs Point Dock, LLC	01/22/09	66	165	05030202	165
062997	Buckingham Coal Co. Inc	03/04/09	152	1652	05030204	3121
083386	Fairfield County Engineer's Office	01/22/09	134	385	05030204	385
083299	Haines & Co	07/08/08	96	333	05040001	333
073055	Penn Ohio Coal Co dba Kimble Clay & Limestone	08/15/08	526	22551	05040001	22551
083313	Jeffco Resources, Inc	09/19/08	177	5630	05040001	5630
083341	Akron, City of, Public Service Department	01/13/09	197	735	05040001	1491
062651	Timberidge Enterprises Ltd	06/08/09	794	820	05040001	1245
073131	Gorman-Rupp Company	07/02/08	160	2600	05040002	1986
083406	Muskingum County Engineer's Office	11/18/08	71	260	05040004	1200

Table C
Jurisdictional Stream Impacts
Issued Between July 1, 2008 and June 30, 2009

SWIMS ID	Applicant	Issue Date	Issue Time (Days)	Linear Feet Impacted	Watershed	Linear Feet Mitigation
083424	ODOT	12/17/08	83	300	05040004	235
083365	Columbia Gas Transmission	08/29/08	45	69	05040005	1655
062968	NP Limited Partnership	01/22/09	801	1457	05060001	2186
083443	ODOT	03/04/09	96	300	05060001	450
083416	ODOT	12/17/08	92	1344	05060001	1344
083445	ODOT	02/26/09	87	600	05060001	600
062935	Village Communities	09/29/08	404	504	05060001	3148
073266	Columbus Sewerage and Drainage	11/12/08	293	260	05060001	260
063009	NP Limited Partnership	01/22/09	730	1187	05060001	3495
083469	Columbus Regional Airport Authority	04/02/09	59	200	05060001	570
073237	Delaware County Engineer's Office	04/10/09	431	629	05060001	830
083391	Columbus Dept. of Recreation and Parks	01/09/09	168	1200	05060001	1200
083335	NP Limited Partnership	05/05/09	400	1548	05060001	2075
052443	Springfield Conservancy District	08/25/08	194	2200	05080001	2200
062912	Cherokee Run Landfill, Inc.	07/08/08	760	6160	05080001	6396
083367	Five Rivers MetroParks	04/30/09	148	543	05080001	1200
073258	HM06, LLC	08/11/08	174	1115	05080002	2015
073161	Middletown Regional Hospital	09/29/08	410	918	05080002	7832
083404	Rockies Express Pipeline, LLC	10/31/08	88	22240	05080002	26659
073172	Smith, Herb P	06/01/09	255	1881	05090101	2060
073201	McGinnis Inc	07/14/08	186	1500	05090103	1600
062635	Rumpke Waste Inc	07/24/08	729	6097	05090201	6540
083338	Duke Energy Corporation	10/21/08	173	900	05090201	6800
083364	RLR Investments LLC	11/19/08	68	13	05090202	13
083316	Hilltop Basic Resources, Inc	08/04/08	133	300	05090203	NA
073227	Rockies Express Pipeline LLC	02/24/09	183	93397	multiple	119818

Total Linear Feet Impacted	236,057
Total Linear Feet Mitigated	323,899
Average Issue Time	250

Table D
 Lake Impacts
 Issued Between July 1, 2008 and June 30, 2009

SWIMS ID	Applicant	Issue Date	Issue Time (Days)	Dredge/Fill (Cubic Yards)	Watershed
093477	Buffalo Corps of Engineers	04/10/09	72	300000	04110003
083467	Buffalo Corps of Engineers	04/27/09	115	600000	04100011
083371	Orion Power MidWest, LP	10/9/2008	94	120000	04110001
083457	Buffalo Corps of Engineers	06/22/09	137	290000	04110001
083426	Avon Lake, City of	02/12/09	115	54	04110001
083459	Panuto, John	06/18/09	181	237	04110001
083464	Schaffner, Charles	06/10/09	162	640	04110001
083418	Scully, Bret	02/05/09	113	262	04110001
083326	Avon Lake, City of	10/09/08	168	268	04110001
083342	Wadhawan, Rahul	11/19/08	78	435	04110001
083463	West, Richard	06/10/09	163	66	04110001
083448	U.S. Army Corps of Engineers	03/23/09	109	250000	04110002
083344	Boede & Doerr Revetment	09/29/08	189	223	04110003
083468	Buffalo Corps of Engineers	04/10/09	98	500000	04110004
093481	Lutheran Outdoor Ministries of Ohio	06/10/09	107	5890	04120101
083390	Ashtabula County Port Authority	11/12/08	106	2200	04120101
083400	Harry E Sheldon Calvary Camp Inc.	12/17/08	104	2470	04120101
083317	Davis, Ollie and Audrey	09/29/08	181	84	04120200
083356	Schasfoort, Bartholomeus	09/18/08	167	1680	04120200
083372	Sunset Point Marina Holdings	12/19/08	156	13220	04120200
083295	Coates, John	03/04/09	208	4500	05030103
073289	ODNR	07/31/08	153	2310	05120101

Total Yards of Material	2,094,539
Average Issue Time	135

Table E
Impact/Mitigation Summary by 8 Digit Hydrologic Unit Code (HUC)
Issued Between July 1, 2008 and June 30, 2009

8 Digit HUC	Description	Isolated Wetland Acres		Jurisdictional Wetland Acres		Total Acres	
		Impact	Mitigation	Impact	Mitigation	Impact	Mitigation
4100001	Lake Erie tributaries (below Detroit R. to above Maumee R.)	0.86	0.00	0.00	0.00	0.86	0.00
4100002	Raisin River	0.00	0.00	0.00	0.00	0.00	0.00
4100003	St. Joseph River	0.00	0.00	0.00	0.00	0.00	0.00
4100004	St. Marys River	0.00	0.00	0.00	0.00	0.00	0.00
4100005	Maumee River	0.00	0.00	0.00	0.00	0.00	0.00
4100006	Tiffin River	0.00	0.00	0.00	0.00	0.00	0.00
4100007	Auglaize River	0.00	0.00	0.00	0.00	0.00	0.00
4100008	Blanchard River	0.00	0.00	0.00	0.00	0.00	0.00
4100009	Maumee River	0.00	0.00	0.10	0.01	0.10	0.01
4100010	Lake Erie Tributaries and Portage River	2.33	9.78	0.21	16.52	2.54	26.30
4100011	Sandusky River and Sandusky Bay Tributaries	0.00	0.60	0.00	0.00	0.00	0.60
4100012	Huron River and Vermilion River	0.00	0.00	0.00	2.30	0.00	2.30
4110001	Black River and Rocky River	1.69	1.36	5.17	2.31	6.86	3.67
4110002	Cuyahoga River	0.82	0.29	2.28	18.34	3.10	18.63
4110003	Chagrin and Ashtabula Rivers and Lake Erie Tributaries	0.53	0.00	3.85	5.42	4.38	5.42
4110004	Grand River	0.00	1.90	14.80	31.46	14.80	33.36
4120101	Conneaut Creek and Lake Erie tributaries	0.00	0.00	0.00	0.00	0.00	0.00
4120200	Lake Erie Islands	0.00	0.00	0.00	0.00	0.00	0.00
5030101	Little Beaver, Yellow, and Cross Creeks	1.68	2.52	0.17	0.26	1.85	2.78
5030102	Shenango River	0.00	0.00	0.00	0.00	0.00	0.00
5030103	Mahoning River	6.87	21.12	3.36	9.50	10.23	30.62
5030106	Ohio River tributaries (Short, Wheeling, and McMahan Creeks)	0.00	0.00	0.00	0.00	0.00	0.00
5030201	Little Muskingum River	0.04	0.10	0.00	0.00	0.04	0.10
5030202	Shade River and Leading Creek	0.31	0.44	1.01	1.77	1.32	2.21
5030204	Hocking River	0.00	0.00	0.00	0.00	0.00	0.00
5040001	Tuscarawas River	1.23	1.98	17.08	32.14	18.31	34.12
5040002	Mohican River	0.02	0.00	0.07	0.00	0.09	0.00
5040003	Kokosing River, Walhonding River, and Killbuck Creek	0.00	0.00	0.23	0.00	0.23	0.00
5040004	Muskingum River	0.00	0.00	0.38	11.00	0.38	11.00
5040005	Wills Creek	0.00	0.00	4.01	9.57	4.01	9.57
5040006	Licking River	0.12	0.00	5.66	0.00	5.78	0.00
5060001	Scioto River (headwaters to below Big Darby Creek)	5.04	0.00	1.79	21.49	6.83	21.49
5060002	Scioto R. (below Big Darby Cr. to Ohio R., except Paint Cr.)	0.00	0.00	0.00	0.00	0.00	0.00
5060003	Paint Creek	0.00	0.00	0.00	0.00	0.00	0.00

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Issued Between July 1, 2008 and June 30, 2009

8 Digit HUC	Description	Isolated Wetland Acres		Jurisdictional Wetland Acres		Total Acres	
		Impact	Mitigation	Impact	Mitigation	Impact	Mitigation
5080001	Great Miami River (headwaters to below Mad River)	0.08	9.78	2.12	3.18	2.20	12.96
5080002	Great Miami R. (below Mad R. to Ohio R., except Whitewater R.)	1.07	0.50	2.57	3.85	3.64	4.35
5080003	Whitewater River	0.00	0.00	0.00	0.00	0.00	0.00
5090101	Raccoon Cr., Symmes Cr. and other Ohio R. tributaries	0.00	0.00	0.06	0.09	0.06	0.09
5090103	Little Scioto River and other Ohio River tributaries	0.00	0.00	0.00	0.00	0.00	0.00
5090201	Ohio Brush Cr., Whiteoak Cr., and other Ohio R. tributaries	1.92	3.84	8.70	13.70	10.62	17.54
5090202	Little Miami River	0.00	0.00	0.00	0.00	0.00	0.00
5090203	Mill Creek and Ohio River tributaries	0.50	0.00	0.00	0.00	0.50	0.00
5120101	Wabash River	0.00	0.00	0.00	0.00	0.00	0.00
5120103	Mississinewa River	0.00	0.00	0.00	0.00	0.00	0.00