



State of Ohio Environmental Protection Agency

Isolated Wetland Permits and 401 Water Quality Certifications in Ohio

State Fiscal Year 2008



Prepared by:
Division of Surface Water
401/Wetland Section

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prepared by

Ohio Environmental Protection Agency
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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, 2007 and ending June 30, 2008 (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. In previous years, information has been provided by the four Corps districts which operate in Ohio (Huntington, Buffalo, Pittsburgh, and Louisville), regarding which of the NWP have been utilized, and how much of an impact has been authorized, in Ohio. Due to changes in the Corps tracking database, that information was not available 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. The 401 program, which was historically located solely in Ohio EPA's Central Office, continued to expand its District Office operations. At the start of SFY 2008, there were three positions located in three of Ohio EPA's District Offices. During SFY 2008, a second position was placed in Ohio EPA's Northeast District Office (NEDO) to address the significant workload that exists in that part of the state. By placing application reviewers in the district offices, Ohio EPA has been able to increase its responsiveness to the regulated community and the general public, while reducing the travel time needed to perform our responsibilities.

At the beginning of SFY 2008, the Division of Surface Water's Central Office table of organization contained five staff level full time equivalents (FTEs), classified as Environmental Specialist 2 dedicated to reviewing 401 and isolated wetland permit applications. The positions included four general application reviewers and one reviewer funded by the Ohio Department of Transportation (ODOT) whose duties were limited to ODOT highway projects.

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.

Other staffing changes were made to improve the program performance. In order to improve the timeliness of permit reviews for coal mining related projects, two new staff positions were filled that are dedicated solely to the review of coal related applications. A third new position was created to help address the backlog of non-coal related 401 applications as well.

In considering both Central Office and the District Offices, the total number of FTEs dedicated to 401 certification and Isolated Wetland application review rose during SFY 2008 from 9 FTEs at the start of the year to 14 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

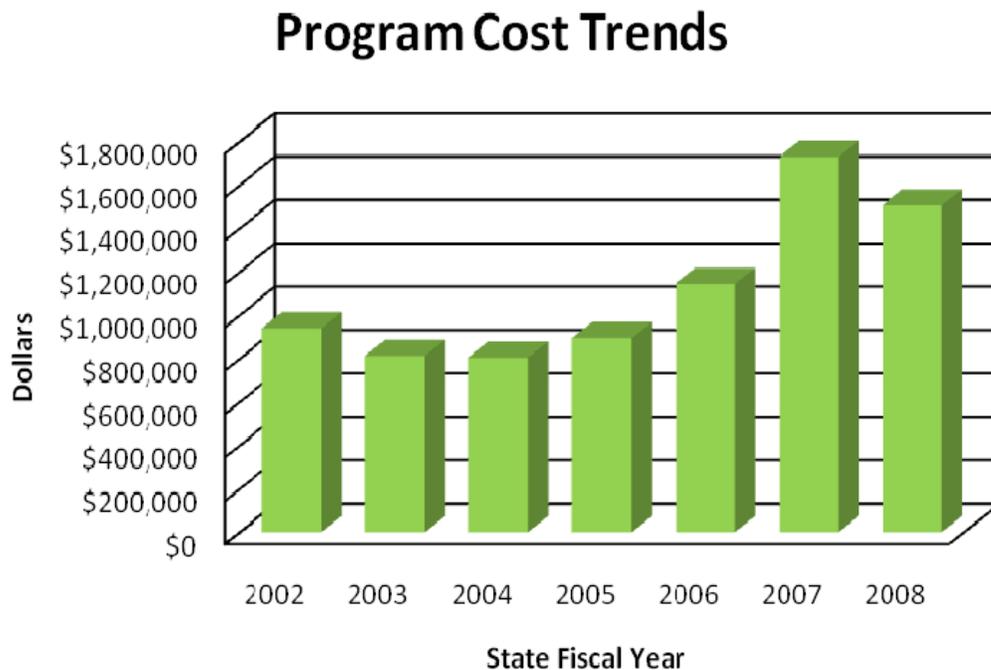
Funds for issuing 401 water quality certifications and isolated wetland permits in SFY 2008 came from a number of different sources. The various funding sources and the breakdown of SFY 2008 expenditures from those sources are summarized in the following table:

SOURCE OF FUNDING	AMOUNT	% of Total
401 Certification Fees	\$484,506.31	32.2%
Isolated Wetland Permit Fees	\$26,059.89	1.8%
Environmental Protection Fees	\$678,651.38	45.1%
U.S. EPA Wetland Grants	\$314,433.62	20.9%
TOTAL EXPENDITURES	\$1,503,651.20	100%

This funding level represents a 13% decrease over that observed in SFY 2007 (\$1,727,428) despite the increase in staffing levels. This decrease is due to decreased wetland grant contractual spending.

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.



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	66	10.44	26.68
Individual Permits	17	30.44	66.70
Total	83	40.88	93.38

The information presented above represents an approximate 14% increase in the number of Isolated Wetland Permits issued in SFY 2008 over that issued in SFY 2007 and a 56% increase in the acres of impacts authorized during that time period. 4 Isolated Wetland Permit applications were withdrawn by the applicants during SFY 2008, bringing the total number of applications processed to 87.

Figure 1 contains a map of Ohio showing the spacial distribution of the isolated wetland permits issued during SFY 2008. 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		
110	163.14	502.80	267,868	9,299,351

The information presented above shows a 28% increase in the number of 401 Water Quality Certifications issued in SFY 2008 as compared to SFY 2007. Wetland impacts showed a 31% increase in the acres of impacts authorized during that same time period. Linear feet of stream impacted increased approximately 83% and the amount of dredge and fill material impacting Ohio lakes increased dramatically (approximately 20 fold). The majority of this increase is due to the issuance of a dredging permit to the Corps for maintenance of Toledo Harbor and the federal navigation channel. The Corps requested a significant increase in the amount of open lake disposal for this project

The total number of 401 Water Quality Certification applications process during SFY 2008 was 151, and is broken down into the following categories:

401 Applications Processed	151
401 Certifications Granted	110
Applications Withdrawn	32
Applications Waived	3
Applications Denied	6

Figure 2 contains a map of Ohio showing the spacial distribution of the 401 Water Quality Certifications issued during SFY 2008. 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.

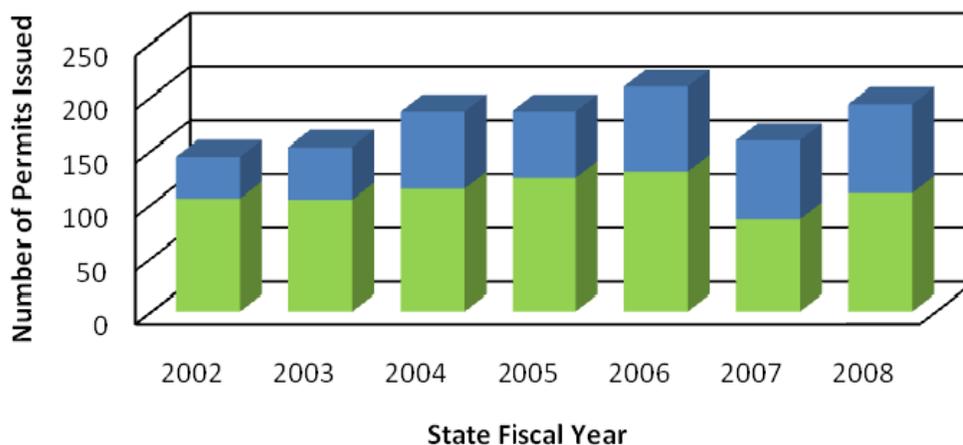
In reviewing the information contained in the tables, please note the following:

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.

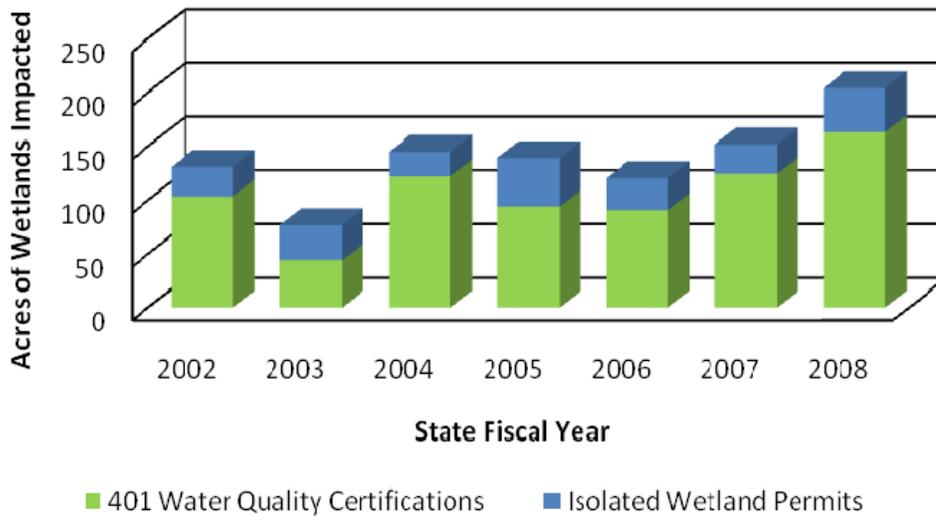
Permitting Trends

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.

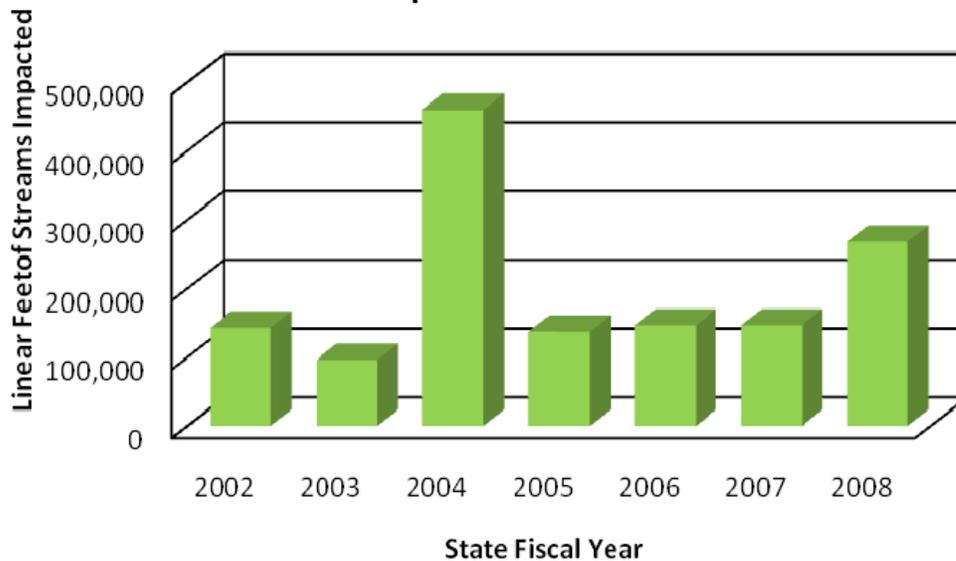
**Graph 1 - 401 WQC and Isolated Wetland Permits
- Number of Permits -**



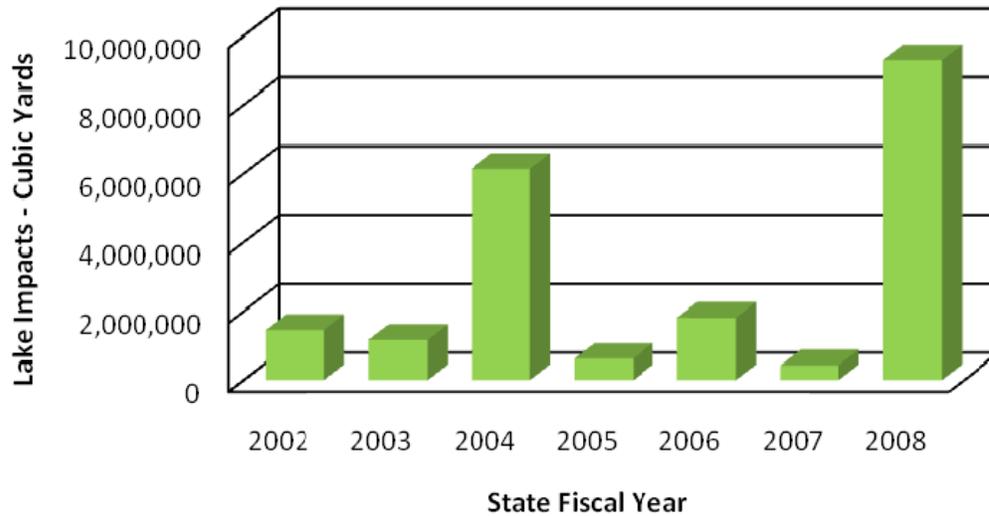
**Graph 2 - 401 WQC and Isolated Wetland Permits
- Wetland Acres Impacted-**



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



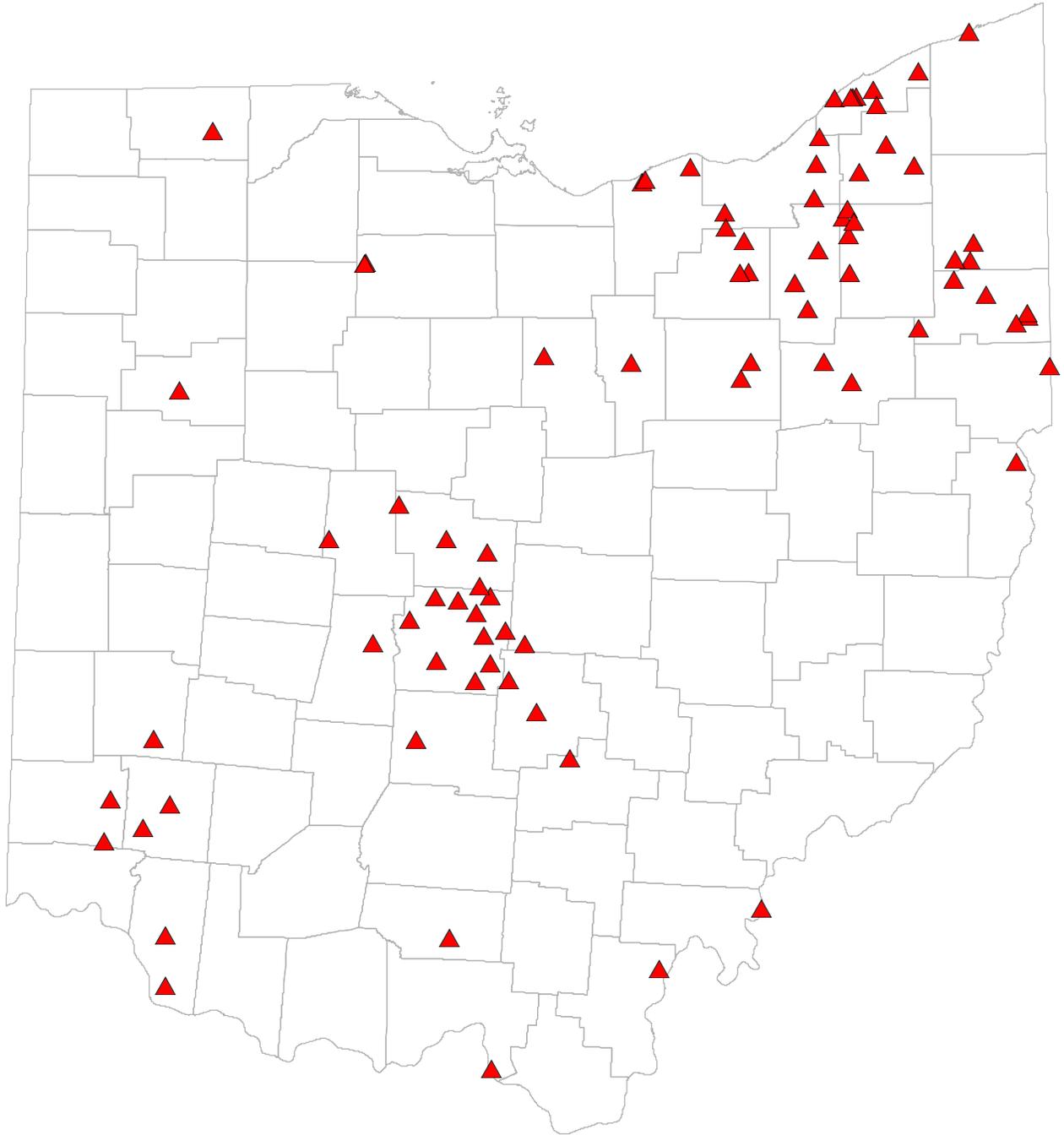
**Graph 4 - 401 WQC
Lake Impacts - Cubic Yards**



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 2008



Legend

- ▲ Isolated Wetland Permits
- County Boundary

Table A
Isolated Wetland Permits
Issued Between July 1, 2007 and June 30, 2008

SWIMS ID	Applicant	Issue Date	Permit Type	Wetlands Impacted			Wetland Mitigation		Issue Time (Days)
				Acres	Watershed	Watershed Total	Acres	Watershed	
073129	Wal-Mart Stores East, LP	9/10/2007	Level 2	1.14	04100007	1.14	2.40	04100010	97
073280	ZincOx Resources PLC	1/30/2008	Level 1	0.01	04100009	0.01	0.10	04100010	30
073177	POET Bioregining-Fostoria	11/16/2007	Level 2	1.39	04100011		2.40	04100011	70
083349	POET Biorefining- Fostoria	6/23/2008	Level 2	0.45	04100011	1.84	0.90	04100010	76
073086	Liberty Development Company	1/2/2008	Level 1	0.11	04110001		0.28	04110001	266
073120	Octagon Associates Ltd	8/26/2007	Level 1	0.04	04110001		0.10	04110004	30
073206	Builders and Developers Inc	1/31/2008	Level 1	0.24	04110001		0.60	04100010	7
073226	Richard E. Jacobs Group	10/9/2007	Level 1	0.01	04110001		0.01	04100012	5
083321	Westwood Farms G.P. aka North Park LLC	2/21/2008	Level 1	0.01	04110001		0.03	04100012	0
083359	303 Commons LLC	5/9/2008	Level 1	0.21	04110001		0.42	04100010	30
073066	Strongsville, City of	4/14/2008	Level 2	1.87	04110001	2.49	5.61	04110001	374
073073	Woodmont Land Co	2/26/2008	Level 1	0.02	04110002		0.04	04110004	371
073156	Middlefield, Village of	9/21/2007	Level 1	0.2	04110002		0.40	04110004	3
073166	Plum Creek Apartments Ltd	8/18/2007	Level 1	0.05	04110002		0.10	04110004	30
073180	North Coast Community Home	5/23/2008	Level 1	0.06	04110002		0.20	04110004	30
073249	Heritage Development Company	2/13/2008	Level 1	0.07	04110002		0.20	04110004	28
083322	Western Reserve Farm Co-op	3/4/2008	Level 1	0.01	04110002		0.02	04110004	7
073060	Aurora Meadows Ltd aka Daniel Neff	2/25/2008	Level 2	1.39	04110002		2.80	04100011	381
073214	ODOT	12/7/2007	Level 2	1.02	04110002	2.82	1.85	04110002	81
073094	R.W. Sidley Inc	10/18/2007	Level 1	0.28	04110003		0.56	04110004	30
073130	Junior Properties Ltd aka Richard M. Osborne Jr	7/26/2007	Level 1	0.01	04110003		0.10	04110004	0
073153	Joe Frank LLC	7/26/2007	Level 1	0.07	04110003		0.36	04110003	30
073153			Level 1		04110003		0.20	04100010	
073222	Cypress Pond Development Corporation	10/26/2007	Level 1	0.29	04110003		0.60	04110004	24
073231	Kent State University- Ashtabula	10/29/2007	Level 1	0.05	04110003		0.10	04110003	18
073281	T-Mobile USA, Inc	2/13/2008	Level 1	0.15	04110003		0.30	04110004	28
083298	Benesch Friedlander Coplan & Aronoff	2/13/2008	Level 1	0.34	04110003		0.70	04110004	27
083337	ODOT	3/12/2008	Level 1	0.02	04110003		0.03	04110003	5
062591	Miller & Shemo Trustees	9/12/2007	Level 2	1.05	04110003		4.10	04110002	162
062591			Level 2		04110003		1.10	04110004	
073150	Lincoln Electric Company	1/14/2008	Level 2	0.95	04110003	3.21	2.20	04110004	129
083303	Goldberg Companies	4/10/2008	Level 1	0.34	04110004		0.84	04110004	21
062598	Quail Hollow Development	11/8/2007	Level 2	0.68	04110004	1.02	1.02	04110004	554
073277	Amerikohl Mining	1/31/2008	Level 1	0.05	05030101		0.08	05030101	12
073142	FirstEnergy Generation Corp	3/5/2008	Level 2	0.63	05030101	0.68	1.90	05030101	219
073111	TC Quality Homes aka TC Neighborhood LLC	7/20/2007	Level 1	0.41	05030103		0.93	05030103	30

Table A
Isolated Wetland Permits
Issued Between July 1, 2007 and June 30, 2008

SWIMS ID	Applicant	Issue Date	Permit Type	Wetlands Impacted			Wetland Mitigation		Issue Time (Days)
				Acres	Watershed	Watershed Total	Acres	Watershed	
073178	Warren Board of Education	11/30/2007	Level 1	0.07	05030103		0.39	05030103	16
073208	Jackson-Milton Schools	10/9/2007	Level 1	0.19	05030103		2.00	05030103	0
073229	Dan Co	10/29/2007	Level 1	0.45	05030103		0.80	05030103	5
073236	Transload America Inc	12/26/2007	Level 1	0.1	05030103		0.20	05030103	22
073242	RDW Company	11/28/2007	Level 1	0.46	05030103		0.72	05030103	26
073243	Fogg Building Methods Inc	11/28/2007	Level 1	0.04	05030103		0.10	05030103	30
073262	Cocca Properties LLC	5/21/2008	Level 1	0.18	05030103		0.80	05030102	21
083327	Newton Falls Senior LP c/o Sunset Development	3/28/2008	Level 1	0.02	05030103	1.92	0.03	05030103	29
073219	ODOT	9/25/2007	Level 1	0.05	05030106	0.05	0.06	05030106	8
073168	Ohio Valley Electric Corp, Kyger Creek Station	4/7/2008	Level 2	2.73	05030202	2.73	5.43	05030202	186
073273	Columbia Gas Transmission Corporation	6/12/2008	Level 1	0.4	05030204		0.80	05030204	189
083311	Lancaster, City of	3/7/2008	Level 1	0.19	05030204	0.59	0.29	05030204	29
073119	Wayne County	8/30/2007	Level 1	0.12	05040001		0.30	05040001	6
073140	Glenmoor Properties Limited Partnerships Inc	7/5/2007	Level 1	0.18	05040001		0.45	05040001	28
073181	Bruening Shepler Associates Inc	11/14/2007	Level 1	0.06	05040001		0.40	05040001	0
073210	Windfall Park Center LTD	11/5/2007	Level 1	0.36	05040001		0.80	05060001	29
073213	Akron, City of Engineering Department	9/21/2007	Level 1	0.04	05040001		0.08	05040001	4
073271	Orrville City School District	12/4/2007	Level 1	0.11	05040001		0.20	05040001	0
083336	Akron (Engineering), City of	3/25/2008	Level 1	0.08	05040001	0.95	0.20	05040001	0
073254	Loral Investments LLC	2/6/2008	Level 1	0.19	05040002		0.40	05040001	18
083320	Phillips Investments LTD	3/20/2008	Level 1	0.34	05040002		1.00	05040001	28
083320			Level 1		05040002	0.53	0.40	05060001	
062581	Zaremba Group	9/5/2007	Level 1	0.22	05060001		0.44	05060001	523
073134	Columbus, City of	4/21/2008	Level 1	0.16	05060001		0.34	05060001	305
073251	MJC Holdings LLC	11/6/2007	Level 1	0.01	05060001		0.10	05060001	5
073253	Morso Holding Company	12/2/2007	Level 1	0.42	05060001		1.10	05060001	30
073279	M/I Homes of Central Ohio	4/30/2008	Level 1	0.28	05060001		0.60	05060001	9
073282	Scannell Properties	4/16/2008	Level 1	0.14	05060001		0.30	05060001	0
073288	Pleasurecraft Marine Engine Company	2/20/2008	Level 1	0.36	05060001		0.80	05060001	4
083305	Vincent Romanelli Investments LLC	2/20/2008	Level 1	0.11	05060001		0.30	05060001	23
083307	Columbus, City of - Dept of Finance/Management	2/11/2008	Level 1	0.13	05060001		0.30	05060001	0
083308	Preferred Real Estate	2/20/2008	Level 1	0.07	05060001		0.20	05060001	21
083332	Otterbein College, Service Department	5/7/2008	Level 1	0.47	05060001		1.00	05060001	0
083354	Waterford Place Housing LLC	4/9/2008	Level 1	0.1	05060001		0.30	05060001	6
083368	VP Columbus I, LLC	6/19/2008	Level 1	0.02	05060001		0.10	05060001	27
062958	MTB Development Corp LLC	1/14/2008	Level 2	1.09	05060001		2.20	05060001	88

**Table A
Isolated Wetland Permits
Issued Between July 1, 2007 and June 30, 2008**

SWIMS ID	Applicant	Issue Date	Permit Type	Wetlands Impacted			Wetland Mitigation		Issue Time (Days)
				Acres	Watershed	Watershed Total	Acres	Watershed	
073136	Liberty VP Northland LLC	9/10/2007	Level 2	0.55	05060001		1.10	05040001	47
073162	Duke Realty Corporation	11/8/2007	Level 2	2.44	05060001		4.90	05060001	114
073269	ProLogis	4/8/2008	Level 2	0.82	05060001	7.39	2.05	05060001	70
073157	Texas Eastern Transmission LP	1/23/2008	Level 1	0.01	05060002		0.02	05060001	21
073167	American Electric Power	7/20/2007	Level 1	0.04	05060002	0.05	0.10	05060001	0
073234	ODOT	10/24/2007	Level 1	0.06	05080001	0.06	0.10	05060001	14
073179	Carmax	10/24/2007	Level 1	0.12	05080002		0.30	05090201	22
073259	Duke Construction	12/6/2007	Level 1	0.04	05080002	0.16	0.20	05060001	15
073247	New International Steel Inc	5/29/2008	Level 3	10.22	05090103	10.22	21.74	05090201	104
073223	Duke Energy Ohio, Inc	1/23/2008	Level 1	0.41	05090201	0.41	0.80	05060001	15
073105	Glimcher Development Corporation	6/3/2008	Level 1	0.42	05090202		1.02	05090202	376
073186	Sanmargale Development Co LLC	12/18/2007	Level 1	0.11	05090202		0.34	05090202	14
062920	Santoro Engineering	12/3/2007	Level 2	2.02	05090202	2.55	3.00	05090202	482
073144	Duke Construction	7/18/2007	Level 1	0.06	05090203	0.06	0.20	05060001	28
				Total Acres Impacted=	40.88	Total Acres Mitigated=	93.38	Average Issue Time=	75

Figure 2: Jurisdictional Wetland, Lake, and Stream Permits Issued in State Fiscal Year 2008

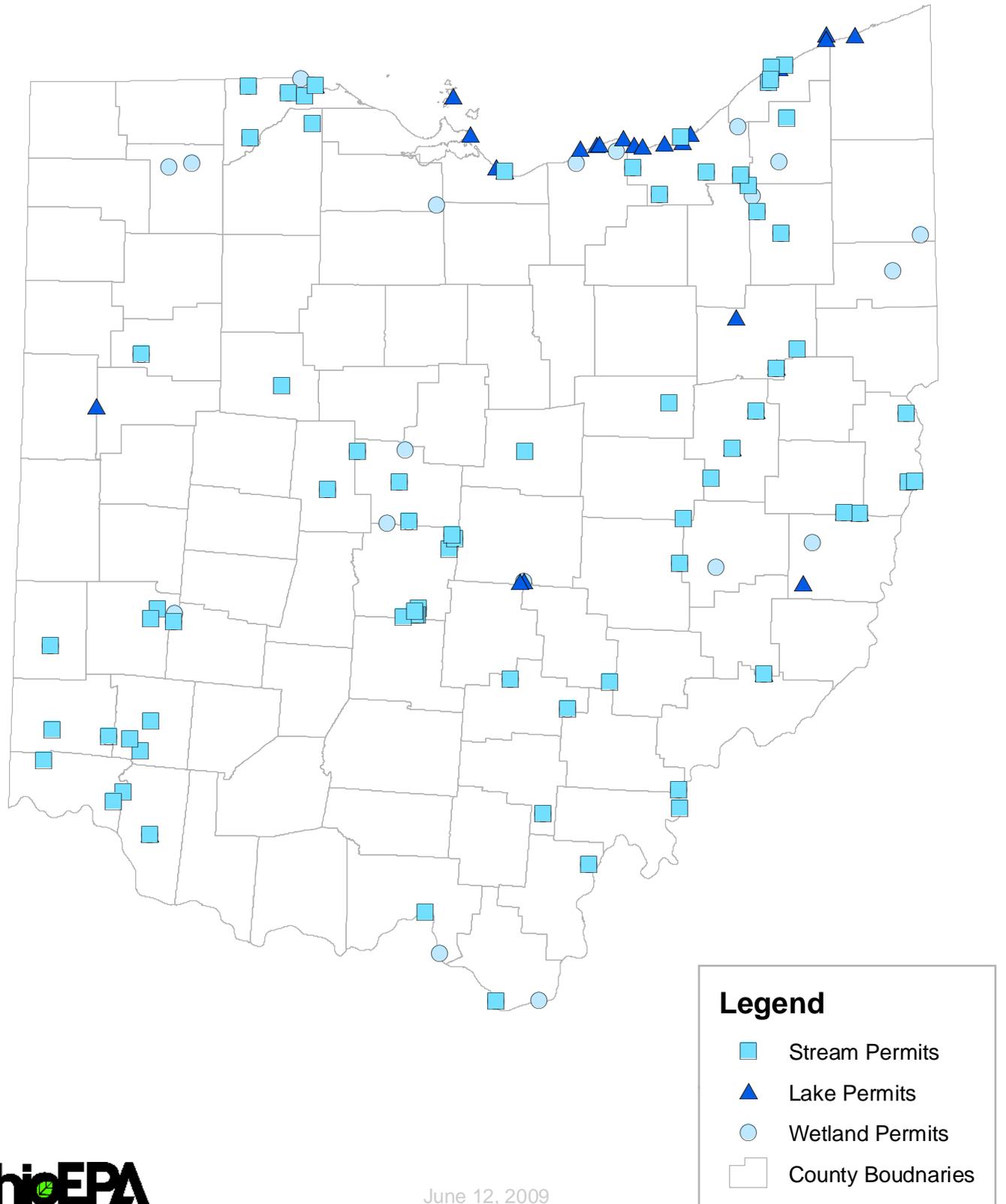


Table B
Jurisdictional Wetland Impacts
Issued Between July 1, 2007 and June 30, 2009

SWIMS ID	Applicant	Issue Date	Wetlands Impacted		Total	Wetland Mitigation		Issue Time
			Acres	Watershed		Acres	Watershed	
062536	Sylvania Cobblestones Developers Inc	10/15/2007	0.08	04100001		0.74	04100009	208
062599	BFI of Ohio Inc	3/3/2008	1.56	04100001		3.20	04100010	616
073225	ODOT	2/7/2008	0.19	04100001	1.83	0.38	04100011	128
063003	Lima, City of (Utilities)	8/22/2007	11.98	04100007	11.98	41.71	04100007	176
073080	Moses-Schlachter Group	10/3/2007	0.19	04100009		1.10	04100009	217
073113	ODOT	9/19/2007	7.97	04100009		22.48	04100009	163
073148	Cygnnet Homes I, Ltd	3/18/2008	4.90	04100009	13.06	15.56	04100010	134
062967	Visconsi Companies Ltd	4/7/2008	0.09	04110001		0.20	04100012	507
063006	Strongsville, City of	4/14/2008	3.50	04110001		5.85	04110001	374
073071	Lighthouse Village Partners LLC aka Liberty Development	1/2/2008	4.11	04110001		13.66	04110001	302
073188	Cuyahoga County Engineer	6/3/2008	4.80	04110001		8.20	04110001	258
083346	Jacobs Group (Richard E)	6/3/2008	0.04	04110001	12.54	0.10	04100010	52
062579	Carrington Court Apts LTD	8/22/2007	3.31	04110002		4.00	04110004	488
062579	Carrington Court Apts LTD			04110002		7.27	04110002	
063013	Reminderville Investment Company LLC	11/2/2007	4.62	04110002		32.74	04110002	263
073059	Aurora Meadows Ltd aka Daniel Neff	2/25/2008	1.13	04110002		36.29	04110002	374
073077	Woodmont Streetsboro LP	3/5/2008	0.49	04110002		3.40	04110002	379
073183	Ravenna City Schools	1/9/2008	0.62	04110002		1.25	04110002	124
073211	Garfield Heights, City of	1/24/2008	0.21	04110002		0.32	04110002	120
073265	Geauga County Engineers	6/12/2008	0.01	04110002	10.39	0.10	04110004	145
062970	Lake Erie Development LLC	9/12/2007	4.04	04110003		18.32	04110003	253
073098	Progressive Casualty Insurance Company	6/23/2008	4.98	04110003		11.14	04110003	397
073139	United Commercial of Mentor LLC	6/23/2008	6.99	04110003		20.93	04110003	332
073197	Shamrock Business Center Ltd	9/12/2007	14.96	04110003	30.97	29.94	04110003	495
062563	Quail Hollow Development	11/8/2007	2.62	04110004	2.62	8.00	04110004	554
073141	FirstEnergy Generation Corp	3/5/2008	0.41	05030101	0.41	1.19	05030101	219
062966	Valley View Properties Ltd	12/19/2007	0.93	05030102	0.93	0.93	05030102	407
073089	Canfield Township Trustees	11/1/2007	0.07	05030103	0.07	0.20	05040001	175
062963	Oxford Mining Company	3/3/2008	1.33	05030106		2.00	05030106	387
063022	Valley Mining Inc	9/12/2007	11.27	05030106		15.95	05030106	232
073193	Ohio American Energy Inc	11/9/2007	1.46	05030106		2.18	05030106	44
073203	Ohio American Energy Inc	1/9/2008	6.23	05030106	20.29	9.23	05030106	62
073209	B & N Coal Inc	5/14/2008	0.40	05030201	0.40	0.60	05030201	132

Table B
Jurisdictional Wetland Impacts
Issued Between July 1, 2007 and June 30, 2009

SWIMS ID	Applicant	Issue Date	Wetlands Impacted			Wetland Mitigation		Issue Time
			Acres	Watershed	Total	Acres	Watershed	
073169	Ohio Valley Electric Corporation, Kyger Creek Station	4/7/2008	2.83	05030202	2.83	6.10	05030202	186
062971	ODOT	8/10/2007	4.69	05030204		28.39	05030204	296
073115	ODOT	7/24/2007	0.10	05030204		0.17	05030204	111
073133	Columbia Gas Transmission Corporation	6/12/2008	0.69	05030204	5.48	1.47	05030204	189
073123	Oxford Mining Company	5/21/2008	0.57	05040001		0.86	05040001	243
073194	Buckeye Industrial Mining Company	5/22/2008	1.13	05040001		1.70	05040001	177
083323	Egypt Valley Stone LLC	5/7/2008	0.20	05040001	1.90	0.40	05040001	58
052316	Home Depot	10/16/2007	2.22	05040005	2.22	10.14	05040005	874
073088	Winding Road Ventures	11/13/2007	1.45	05040006	1.45	3.22	05040006	235
032616	New Albany Links Golf Company	7/20/2007	9.89	05060001		57.37	05060001	326
052520	Zaremba Inc	9/5/2007	4.76	05060001		10.56	05060001	518
062619	Columbus Regional Airport Authority	7/12/2007	4.73	05060001		11.16	05060001	371
062950	Duke Realty Corporation	7/2/2007	0.18	05060001		0.30	05060001	285
062973	NP Limited Partnership	12/5/2007	0.27	05060001		0.54	05060001	406
062978	Homerock LLC	2/12/2008	1.18	05060001		4.34	05060001	316
073063	Wedgewood Limited Partnership	8/7/2007	2.77	05060001		5.60	05060001	182
073078	Abercrombie & Fitch	9/25/2007	1.23	05060001		1.30	05060001	214
073135	Columbus, City of	4/21/2008	7.27	05060001		18.39	05060001	305
073198	Pizzuti Companies	3/7/2008	1.04	05060001		2.60	05060001	185
073207	Meijer Stores Limited Partnership	6/26/2008	0.47	05060001	33.79	0.70	05060001	272
073218	Air Force, Department of (WPAFB)	3/13/2008	0.76	05080001		2.11	05080001	64
073238	Air Force, Department of (WPAFB)	2/15/2008	0.06	05080001	0.82	0.21	05080001	94
073163	Preble County Commissioners	2/12/2008	0.03	05080002	0.03	0.05	05080002	200
062713	Superior Marine Ways	8/30/2007	3.30	05090101		6.60	05090101	234
062969	Sands Hill Mining LLC- Stanton Mine North#10358	9/25/2007	0.26	05090101	3.56	0.40	05090101	117
073058	Buckeye Ethanol LLC	1/28/2008	0.03	05090103		0.03	05090103	322
073246	New Steel International Inc	5/29/2008	3.27	05090103	3.30	5.49	05090103	104
062920	Santoro Engineering	12/3/2007	2.02	05090202		3.00	05090202	503
073127	ODOT	7/16/2007	0.25	05090202	2.27	0.44	05080002	70
			Total Acres Impacted =	163.14	Total Acres Mitigated =	502.80	Average Issue Time =	265

Table C
Stream Impacts
Issued Between July 1, 2007 and June 30, 2008

SWIMS ID	Applicant	Issue Date	Linear Feet Impacted	Watershed	Issue Time (Days)	Linear Feet Mitigation
062536	Sylvania Cobblestones Developers Inc	10/15/2007	1378	04100001	208	1288
073225	ODOT	2/7/2008	990	04100001	128	1485
063003	Lima, City of (Utilities)	8/22/2007	1289	04100007	176	3325
073080	Moses-Schlachter Group	10/3/2007	1467	04100009	217	2483
073192	Toledo Harbor Dredging 2008-2011	5/15/2008	36960	04100009	269	NA
073199	Kraft Foods- Global Inc	1/2/2008	444	04100009	83	NA
073200	ODOT	11/9/2007	430	04100010	74	660
073069	Huron Harbor Dredging 2007	8/2/2007	2000	04100012	177	NA
062967	Visconsi Companies Ltd	4/7/2008	4941	04110001	507	11168
073147	Buffalo COE	9/20/2007	2500	04110001	98	NA
073188	Cuyahoga County Engineer	6/3/2008	1442	04110001	258	1000
062579	Carrington Court Apts LTD	8/22/2007	140	04110002	488	679
063013	Reminderville Investment Company LLC	11/2/2007	1326	04110002	263	5648
073077	Woodmont Streetsboro LP	3/5/2008	2058	04110002	379	5076
073183	Ravenna City Schools	1/9/2008	150	04110002	124	150
073211	Garfield Heights, City of	1/24/2008	3058	04110002	120	3111
062970	Lake Erie Development LLC	9/12/2007	250	04110003	253	7314
073139	United Commercial of Mentor LLC	6/23/2008	1796	04110003	332	2200
073197	Shamrock Business Center Ltd	9/12/2007	7301	04110003	495	5472
062563	Quail Hollow Development	11/8/2007	200	04110004	554	12723
062981	Edmund Corporation	11/8/2007	683	04110004	372	683
073050	Fairport Harbor Dredging 2007	6/12/2008	5760	04110004	520	NA
073141	FirstEnergy Generation Corp	3/5/2008	2823	05030101	219	4234
062963	Oxford Mining Company	3/3/2008	11142	05030106	387	11142
063022	Valley Mining Inc	9/12/2007	3544	05030106	232	3544
073193	Ohio American Energy Inc	11/9/2007	4901	05030106	44	5076
073203	Ohio American Energy Inc	1/9/2008	24214	05030106	62	23694
073209	B & N Coal Inc	5/14/2008	11159	05030201	132	4505
073169	Ohio Valley Electric Corporation, Kyger Creek Station	4/7/2008	9342	05030202	186	14715
073276	ODOT	2/26/2008	456	05030202	78	684
062971	ODOT	8/10/2007	32956	05030204	296	108480
073085	Buckingham Coal Company	3/5/2008	5824	05030204	314	20862
073115	ODOT	7/24/2007	4059	05030204	111	6089
073133	Columbia Gas Transmission Corporation	6/12/2008	259	05030204	189	361

Table C
Stream Impacts
Issued Between July 1, 2007 and June 30, 2008

SWIMS ID	Applicant	Issue Date	Linear Feet Impacted	Watershed	Issue Time (Days)	Linear Feet Mitigation
062642	Buckeye Industrial Mining Co	7/16/2007	925	05040001	139	825
073114	Oxford Mining Company	5/30/2008	5847	05040001	345	5820
073123	Oxford Mining Company	5/21/2008	4531	05040001	243	3902
073194	Buckeye Industrial Mining Company	5/22/2008	4691	05040001	177	4691
073220	Ohio & Erie Canalway Coalition	11/16/2007	200	05040001	101	200
062965	WXZ Development Inc	10/16/2007	255	05040003	187	500
083314	ODOT	5/7/2008	800	05040003	84	1200
062535	Oxford Mining Company	6/26/2008	12089	05040005	322	13384
032616	New Albany Links Golf Company	7/20/2007	100	05060001	326	5050
052520	Zaremba Inc	9/5/2007	3234	05060001	518	5111
062619	Columbus Regional Airport Authority	7/12/2007	3510	05060001	371	3815
062950	Duke Realty Corporation	7/2/2007	1737	05060001	285	3025
062973	NP Limited Partnership	12/5/2007	1112	05060001	406	2612
063004	Perry, Thad	10/16/2007	800	05060001	280	2036
073078	Abercrombie & Fitch	9/25/2007	523	05060001	214	3523
073135	Columbus, City of	4/21/2008	5700	05060001	305	36960
073137	Columbus, Department of Public Utilities	12/3/2007	234	05060001	147	500
073164	Talbott, Robert	6/9/2008	2254	05060001	153	2799
073198	Pizzuti Companies	3/7/2008	200	05060001	185	900
073207	Meijer Stores Limited Partnership	6/26/2008	998	05060001	272	1600
073224	Precision Strip Inc	12/3/2007	1074	05060001	47	795
073099	Tri-Cities North Regional Wastewater Authority	1/9/2008	300	05080001	113	300
073126	ODOT	7/20/2007	253	05080001	77	380
073238	Air Force, Department of (WPAFB)	2/15/2008	2470	05080001	94	1485
042134	Ross Estates, LLC	1/9/2008	1000	05080002	1209	4450
062979	Fort Scott Development LLC	12/13/2007	2310	05080002	294	3218
073163	Preble County Commissioners	2/12/2008	2634	05080002	200	3404
062969	Sands Hill Mining LLC- Stanton Mine North#10358	9/25/2007	13259	05090101	117	13259
073058	Buckeye Ethanol LLC	1/28/2008	45	05090103	322	45
073175	Conley River Terminal	6/25/2008	45	05090103	33	NA
062625	Santoro Engineering	12/3/2007	620	05090202	503	7654
062629	Glimcher Development Corp	6/3/2008	2239	05090202	555	4550
062638	Milford, City	8/2/2007	650	05090202	147	650
062964	Anderson Park District	8/2/2007	980	05090202	115	980

Table C
Stream Impacts
Issued Between July 1, 2007 and June 30, 2008

SWIMS ID	Applicant	Issue Date	Linear Feet Impacted	Watershed	Issue Time (Days)	Linear Feet Mitigation
073127	ODOT	7/16/2007	1857	05090202	70	2786
073248	ODOT	1/28/2008	570	05090202	102	570
073261	Otterbein Retirement Living Communities	6/12/2008	580	05090202	126	1860
		Total Linear Feet Impacted = 267868			Total Linear Feet Mitigated = 412691	

Average Issue Time = 247

Table D
Lake Impacts
Issued Between July 1, 2007 and June 30, 2008

SWIMS ID	Applicant	Issue Date	Dredge/Fill (Cubic Yards)	Watershed	Issue Time (Days)
073052	Elias, Robert P (Trustee)	1/2/2008	744	04100010	141
073165	Rye Beach Property Owners Assoc Inc	3/13/2008	830	04100012	177
062939	Bongers, Michael	9/20/2007	227	04110001	254
062947	Sheffield Lake, City of	8/7/2007	7795	04110001	320
063008	Port of Lorain Foundation, Inc	12/13/2007	2540	04110001	290
073061	Sheffield Lake, City of	10/15/2007	140	04110001	216
073100	Bay Park Beach Co., Inc	12/11/2007	1655	04110001	85
073241	McMillan, John	2/25/2008	244	04110001	125
073278	Norton, John	6/9/2008	653	04110001	132
083290	Buffalo COE	4/7/2008	375000	04110002	95
062532	Girton, Steve and Laurie	9/12/2007	621	04110003	386
062539	Maher, David and Dori	9/12/2007	613	04110003	386
062588	Tierra Solutions Inc	12/19/2007	21093	04110003	455
073048	Buffalo COE	3/13/2008	0	04110003	433
073117	Olive Drive Association	11/8/2007	1848	04110003	134
073049	Drummond, Robert and Christina	1/2/2008	317	04120200	149
073050	Buffalo COE	6/12/2008	260000	04120200	520
073069	Buffalo COE	8/2/2007	300000	04120200	177
073192	BCOE	5/15/2008	8000000	04120200	269
073274	Barnesville, Village of	4/14/2008	65	05030106	59
073160	Ohio Vedic Homes LLC	4/8/2008	10567	05040001	158
073088	Winding Road Ventures	11/13/2007	800	05040006	235
073093	ODNR- Engineering	9/12/2007	200	05040006	154
073110	ODNR- Division of Parks & Rec	3/20/2008	313400	05120101	196
			Yards of Dradge/Fill Material =	Average Issue Time (Days)=	231
			9299351		

Table E
Impact/Mitigation Summary by 8 Digit Hydrologic Unit Code (HUC)
Issued Between July 1, 2007 and June 30, 2008

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.)	0.00	0.00	1.83	0.00	1.83	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	1.14	0.00	11.98	41.71	13.12	41.71
4100008	Blanchard River	0.00	0.00	0.00	0.00	0.00	0.00
4100009	Maumee River	0.01	0.00	13.06	24.32	13.07	24.32
4100010	Lake Erie Tributaries and Portage River	0.00	4.62	0.00	18.86	0.00	23.48
4100011	Sandusky River and Sandusky Bay Tributaries	1.84	5.20	0.00	0.38	1.84	5.58
4100012	Huron River and Vermilion River	0.00	0.04	0.00	0.20	0.00	0.24
4110001	Black River and Rocky River	2.49	5.89	12.54	27.71	15.03	33.60
4110002	Cuyahoga River	2.82	5.95	10.39	81.27	13.21	87.22
4110003	Chagrin and Ashtabula Rivers and Lake Erie Tributaries	3.21	0.49	30.97	80.33	34.18	80.82
4110004	Grand River	1.02	8.48	2.62	12.10	3.64	20.58
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	0.68	1.98	0.41	1.19	1.09	3.17
5030102	Shenango River	0.00	0.80	0.93	0.93	0.93	1.73
5030103	Mahoning River	1.92	5.17	0.07	0.00	1.99	5.17
5030106	Ohio River tributaries (Short, Wheeling, and McMahon Creeks)	0.05	0.06	20.29	29.36	20.34	29.42
5030201	Little Muskingum River	0.00	0.00	0.40	0.60	0.40	0.60
5030202	Shade River and Leading Creek	2.73	5.43	2.83	6.10	5.56	11.53
5030204	Hocking River	0.59	1.09	5.48	30.03	6.07	31.12
5040001	Tuscarawas River	0.95	4.13	1.90	3.16	2.85	7.29
5040002	Mohican River	0.53	0.00	0.00	0.00	0.53	0.00
5040003	Kokosing River, Walhonding River, and Killbuck Creek	0.00	0.00	0.00	0.00	0.00	0.00
5040004	Muskingum River	0.00	0.00	0.00	0.00	0.00	0.00
5040005	Wills Creek	0.00	0.00	2.22	10.14	2.22	10.14
5040006	Licking River	0.00	0.00	1.45	3.22	1.45	3.22
5060001	Scioto River (headwaters to below Big Darby Creek)	7.39	17.65	33.79	112.86	41.18	130.51

Table E
Impact/Mitigation Summary by 8 Digit Hydrologic Unit Code (HUC)
Issued Between July 1, 2007 and June 30, 2008

8 Digit HUC	Description	Isolated Wetland Acres		Jurisdictional Wetland Acres		Total Acres	
		Impact	Mitigation	Impact	Mitigation	Impact	Mitigation
5060002	Scioto R. (below Big Darby Cr. to Ohio R., except Paint Cr.)	0.05	0.00	0.00	0.00	0.05	0.00
5060003	Paint Creek	0.00	0.00	0.00	0.00	0.00	0.00
5080001	Great Miami River (headwaters to below Mad River)	0.06	0.00	0.82	2.32	0.88	2.32
5080002	Great Miami R. (below Mad R. to Ohio R., except Whitewater R.)	0.16	0.00	0.03	0.49	0.19	0.49
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	3.56	7.00	3.56	7.00
5090103	Little Scioto River and other Ohio River tributaries	10.22	0.00	3.30	5.52	13.52	5.52
5090201	Ohio Brush Cr., Whiteoak Cr., and other Ohio R. tributaries	0.41	22.04	0.00	0.00	0.41	22.04
5090202	Little Miami River	2.55	4.36	2.27	3.00	4.82	7.36
5090203	Mill Creek and Ohio River tributaries	0.06	0.00	0.00	0.00	0.06	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